United States Department of Agriculture

Agricultural Marketing Service

Science and Technology Program

Pesticide Data Program

Annual Summary, Calendar Year 2014

Visit the program website at: www.ams.usda.gov/pdp

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Dear Reader:

We are pleased to present the Pesticide Data Program's (PDP) 24th Annual Summary for calendar year 2014. The U.S. Department of Agriculture (USDA), Agricultural Marketing Service (AMS), conducts this program each year to collect data on pesticide residues in food. This report shows that overall pesticide residues found in foods are at levels below the tolerances set by the U.S. Environmental Protection Agency (EPA).

The PDP provides reliable data that help assure consumers that the food they feed their families is safe. Over 99 percent of the products sampled through PDP had residues below the EPA tolerances. Ultimately, if EPA determines a pesticide is not safe for our families, it is removed from the market. This system of checks and balances provides Americans with the safest food supply in the world.

The PDP tests a wide variety of domestic and imported foods using a sound statistical program and the most current laboratory methods. The EPA uses the PDP data when looking at dietary pesticide exposure, a critical step to verify that all sources of exposure to pesticides meet U.S. safety standards.

The PDP is not designed for enforcement of EPA pesticide residue tolerances. Rather, the U.S. Food and Drug Administration (FDA) is responsible for enforcing EPA tolerances. PDP provides FDA and EPA with monthly reports of pesticide residue testing and informs the FDA if residues detected exceed the EPA tolerance or have no EPA tolerance established. In instances where a PDP finding is extraordinary and may pose a safety risk, FDA and EPA are notified immediately. In such cases, USDA may also work with U.S. growers in an outreach effort to communicate possible pesticide regulatory decisions or improved agricultural practices.

The PDP works with State agencies representing all regions of the country and more than half of the U.S. population. In 2014, samples were collected and analyzed in California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington. The data reported by PDP corroborate that residues found in agricultural products sampled are at levels that do not pose risk to consumers' health (i.e., are safe according to EPA).

For more information about PDP, please visit our website at www.ams.usda.gov. For more information about pesticides and food, please visit EPA's website at http://www.epa.gov/pesticides.

Agricultural Marketing Service
1400 Independence Avenue, SW, Washington, DC 20250-0201
Voice (202) 720-8998 Fax (202) 720-7135

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Acknowledgements

The States participating in the Pesticide Data Program (PDP) deserve special recognition for their contributions to the program. The dedication and flexibility of sample collectors allow the U.S. Department of Agriculture's (USDA) Agricultural Marketing Service (AMS) to adjust sampling protocols when responding to changing trends in commodity distribution and availability. PDP acknowledges the contributions of the State laboratories in providing testing services to the program and the USDA National Agricultural Statistics Service for providing statistical support. PDP also acknowledges the exceptional support of the Health Effects Division staff of the U.S. Environmental Protection Agency, Office of Pesticide Programs, and the U.S. Food and Drug Administration, Center of Food Safety and Nutrition, Office of Food Safety, in helping to set the direction for PDP.

Data presented in this report are the latest available and were collected and processed through the efforts of the following organizations:

USDA Program Administration

Agricultural Marketing Service
Science and Technology Program
1400 Independence Ave., SW
South Building, Mail Stop 0270
Washington, DC 20250

Ruihong Guo, Ph.D., Deputy Administrator,
Science and Technology Program
(202) 720-8556, Facsimile (202) 720-6496

Diana Haynes, Director
Monitoring Programs Division, AMS
1400 Independence Ave, SW
Room 0611-S, Stop 0276
Washington, DC 20250:
(202) 572-8167, Facsimile (202) 619-1724

Electronic-mail Address:

amsmpo.data@ams.usda.gov

Website:

http://www.ams.usda.gov/pdp

Participating State Agencies

California Department of Food and Agriculture
California Department of Pesticide Regulation
Colorado Department of Agriculture
Florida Department of Agriculture and Consumer Services
Maryland Department of Agriculture
Michigan Department of Agriculture and Rural Development
New York Department of Agriculture and Markets
North Carolina Department of Agriculture & Consumer Services
Ohio Department of Agriculture
Texas Department of Agriculture
Washington State Department of Agriculture

Participating Laboratories

California Department of Food and Agriculture
Division of Inspection Services
Center for Analytical Chemistry
3292 Meadowview Rd.
Sacramento, CA 95832

Florida Department of Agriculture and Consumer Services
Chemical Residue Laboratory
3125 Conner Blvd., Bldg. 3
Tallahassee, FL 32399-1650

Michigan Department of Agriculture and Rural Development
Laboratory Division
1615 South Harrison Rd.
East Lansing, MI 48823-5224

New York Department of Agriculture and Markets
Food Laboratory
6 Harriman Campus Road
Albany, NY 12235

Ohio Department of Agriculture
Consumer Analytical Laboratory
8995 East Main St.
Reynoldsburg, OH 43068

Texas Department of Agriculture
Pesticide Laboratory
1500 Research Parkway, Ste. B100
College Station, TX 77845

United States Department of Agriculture
Agricultural Marketing Service
National Science Laboratories
801 Summit Crossing Pl.
Gastonia, NC 28054

Washington State Department of Agriculture
Chemical and Hop Laboratory
21 N. 1st Ave., Ste. 106
Yakima, WA 98902

Executive Summary

In 1991, the U.S. Department of Agriculture (USDA), Agricultural Marketing Service (AMS), was charged with designing and implementing the Pesticide Data Program (PDP) to collect data on pesticide residues in food. PDP provides high-quality data on residues in food, particularly foods most likely consumed by infants and children. This 24th Pesticide Data Program summary presents results for samples collected in 2014.

This information is provided to the U.S. Environmental Protection Agency (EPA). Before a company can sell or distribute any pesticide in the United States of America, EPA must review studies on the pesticide to determine that it will not pose unreasonable risks to human health or the environment. Once EPA has made that determination, it will license or register that pesticide for use in strict accordance with label directions.

Before allowing a pesticide to be used on a food commodity, EPA sets limits on how much of a pesticide may be used on food during growing, processing, and storage, and how much can remain on the food that reaches the consumer. Government inspectors monitor food in interstate commerce to ensure that these limits are not exceeded. EPA also sets standards to protect workers from exposure to pesticides on the job.

AMS's Monitoring Programs Division (MPD) is responsible for the administration, planning, and coordination of day-to-day PDP operations. MPD meets regularly with EPA and other Government agencies to establish program priorities and direction. Sampling and/or testing program operations were carried out with the support of 10 States: California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington. These States had a prominent role in program planning and policy setting, particularly policies relating to quality assurance.

PDP commodity sampling is based on a rigorous statistical design that ensures the data are reliable for use in exposure assessments and can be used to draw various conclusions about the Nation's food supply. The pesticides and commodities to be included each year in the sampling are selected based on EPA data needs and take into account the types and amounts of food consumed by infants and children. The number of samples collected by the States is apportioned according to that State's population. Samples are randomly chosen close to the time and point of consumption (i.e., distribution centers rather than at the farm gate) and reflect what is typically available to the consumer throughout the year. Samples are selected without regard to country of origin, variety, or organic labeling.

Fresh and processed fruit and vegetables accounted for 80.8 percent of the total 10,619 samples collected in 2014. Other samples collected included infant formula, 9.9 percent; salmon, 3.3 percent; and oats and rice, 3.0 percent each. Fresh and processed fruit and vegetables tested during 2014 were: apples, bananas, blueberries (fresh and frozen), broccoli, carrots, celery, cherries (fresh and frozen), grape juice, green beans (fresh, frozen, and canned), nectarines, peaches, strawberries, summer squash, sweet corn (fresh and frozen), tomatoes, and watermelon. Domestic samples accounted for 75.5 percent of the samples while 22.9 percent were imports, 0.7 percent were of mixed origin, and 0.9 percent were of unknown origin.

Because PDP data are mainly used for risk assessments, PDP laboratory methods are geared to detect the lowest possible levels of pesticide residues, even when those levels are well below the tolerances established by EPA. Prior to testing, PDP analysts washed samples for 15-20 seconds with gently running cold water as a consumer would do; no chemicals, soap, or any special wash was used. Results for more than 2 million analyses were reported by the laboratories in 2014 and are too numerous to be included in their entirety in this summary. The PDP database file for 2014 and annual summaries/database files for previous years are available on the PDP website at http://www.ams.usda.gov/pdp or by contacting MPD.

In 2014, over 41 percent of the samples tested had no detectable pesticide residue, and over 99 percent of the samples tested had residues below

the tolerances established by the EPA. Appendixes B through G provide a distribution of residues by pesticide for the commodities tested. Residues exceeding the tolerance were detected in 0.36 percent (38 samples) of the total samples tested (10,619 samples). Of these 38 samples, 19 were imported (50 percent) and 19 were domestic (50 percent). Residues with no established tolerance were found in 2.6 percent (281 samples) of the total samples tested (10,619 samples). Of these 281 samples, 138 were domestic (49.1 percent), 140 were imported (49.8 percent), and 3 were of unknown origin (1.1 percent). PDP is a voluntary program and is not designed for enforcement of tolerances. However, PDP informs the U.S. Food and Drug Administration and EPA if residues detected exceed the EPA tolerance or have no EPA tolerance established.

PDP laboratories also test foods for low levels of environmental contaminants that are no longer used in the United States, but due to their persistence in the environment, particularly in soil, can be taken up by plants. Results for environmental contaminants in all commodities are listed in Appendix G. More information on results is provided in the Sample Results and Discussion section of this summary.

PDP continually strives to improve methods for collecting, testing, and reporting data. These data are freely available to EPA and other Federal and State agencies charged with regulating and setting policies on the use of pesticides and to the public by hard copy, Internet, or custom reports generated by MPD. Additional copies of the PDP Annual Summary may be obtained by mailing the form provided at the end of the Summary.

Disclaimer: Mention of a trade name or brand name does not constitute endorsement or recommendation by USDA over similar products or vendors.

Acronyms and Abbreviations

% C.V.	Percent Coefficient of Variation
A2LA	American Association for Laboratory Accreditation
AL	Action Level
AMS	Agricultural Marketing Service
BQL	Below Quantifiable Level
EPA	U.S. Environmental Protection Agency
e-SIF	Electronic Sample Information Form
FAPAS	Food Analysis Performance Assessment Scheme
FDA	U.S. Food and Drug Administration
FQPA	Food Quality Protection Act
GC	Gas Chromatography
HCB	Hexachlorobenzene
ISO	International Organization for Standardization
LC	Liquid Chromatography
LOD	Limit of Detection
LOQ	Limit of Quantitation
MPD	Monitoring Programs Division
MRM	Multiresidue Method
MS	Mass Spectrometry
NASS	National Agricultural Statistics Service
NSL	National Science Laboratories
PDP	Pesticide Data Program
PPS	Probability proportionate-to-size
PT	Proficiency Testing
QA	Quality Assurance
QAU	Quality Assurance Unit
QuEChERS	Quick, Easy, Cheap, Effective, Rugged and Safe

QC	Quality Control
RDE	Remote Data Entry
SIF	Sample Information Form
SOP	Standard Operating Procedure
THPI	Tetrahydrophthalimide
USDA	United States Department of Agriculture

This summary consists of the following sections: (I.) Introduction, (II.) Sampling Operations, (III.) Laboratory Operations, (IV.) Database Management, and (V.) Sample Results and Discussion

I. Introduction

The U.S. Department of Agriculture's (USDA) Agricultural Marketing Service (AMS) initiated the Pesticide Data Program (PDP) in 1991 to collect data on pesticide residues in food and now has an important role in the implementation of the 1996 Food Quality Protection Act (FQPA). The law directs the Secretary of Agriculture to collect pesticide residue data on commodities most frequently consumed by infants and children. PDP data are used primarily by the U.S. Environmental Protection Agency (EPA) to assess dietary exposure during the review of the safety of existing pesticide tolerances (Maximum Residue Limits). PDP data also are used by the U.S. Food and Drug Administration (FDA) to assist in planning commodity surveys for pesticide residues from an enforcement/regulatory perspective.

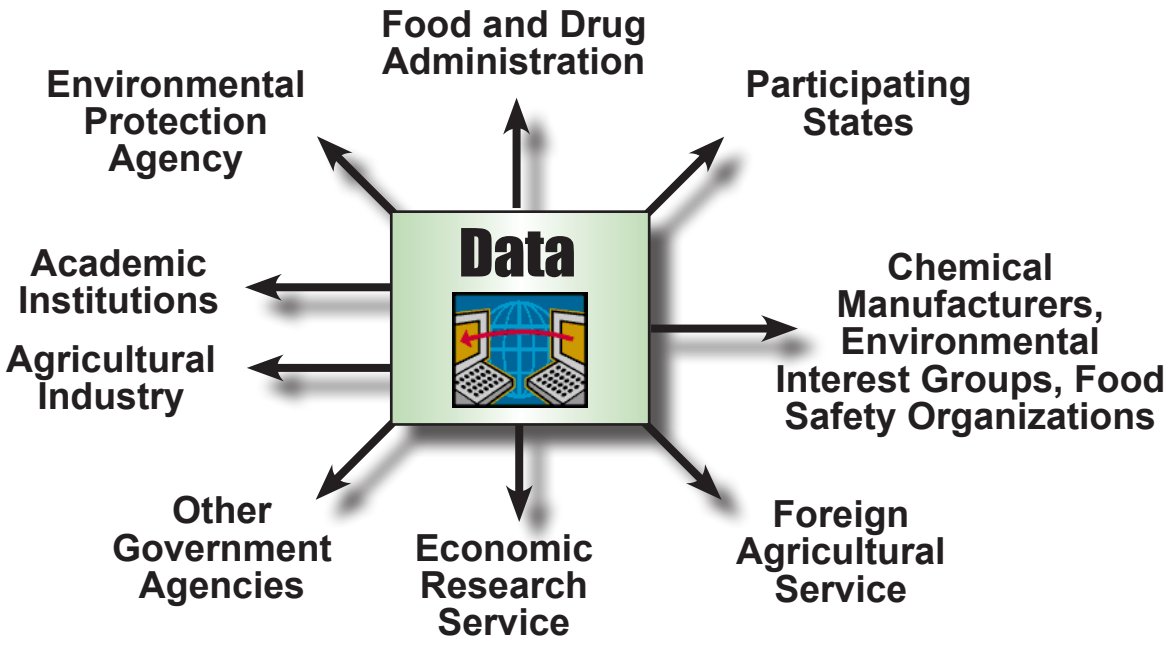
Because PDP collects data on food commodities primarily for exposure assessment, program operations differ markedly from those followed by regulatory monitoring programs for tolerance enforcement. Commodities chosen for inclusion in the program are based on EPA data needs. PDP samples are collected closer to the point of consumption and are prepared emulating consumer practices. PDP sampling does not impede commodity distribution. Laboratory operations are designed to achieve the lowest detectable levels rather than quick sample turnaround. As a dietary risk assessment support program, PDP tests for registered uses for the commodities in the program, as well as for pesticides that may not have U.S. tolerances but are used in other countries on commodities exported to the United States.

Figure 1(a) illustrates contributors to PDP policy development and planning operations. Primary contributors to these activities include the participating States, EPA, USDA's National Agricultural Statistics Service (NASS), and additional stakeholders including industry and grower groups. Figure 1(b) depicts PDP primary data users including EPA, FDA, USDA's Economic Research Service and Foreign Agricultural Service, participating States, academic institutions, chemical manufacturers, environmental interest groups, food safety organizations, and groups within the private sector representing food producers. Other Federal, State, and foreign government agencies and industries have used PDP data to promote the export of U.S. commodities to international markets. Additionally, the Codex Alimentarius Committee on Pesticides Residues recognizes PDP methodologies as official and validated methods for the determination of pesticide residues in foods.

In 2014, sampling services were provided by 10 States (California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington). Laboratory services were provided by the States of California, Florida, Michigan, New York, Ohio, Texas, and Washington, along with the Agricultural Marketing Service (AMS), National Science Laboratories (NSL). The AMS Monitoring Programs Division (MPD) is responsible for overall management of PDP.

Figure 2 shows the States that participate in program sampling and/or testing. Together, these States represent about 50 percent of the Nation's population and all four census regions of the United States. They also represent major U.S. producers of fruit and vegetables. MPD works closely with EPA and FDA to select commodities and pesticides for testing. The selected commodities represent the highest U.S. consumption, with an emphasis on foods consumed by infants and children. Commodities are cycled through the program approximately every 5 years. High-consumption fresh fruit and vegetable commodities remain in the program for 2 years to capture two full growing seasons, thereby capturing any changes due to seasonality or year-to-year variations. Processed products, as well as dairy, meat, fish, and grains, are tested for 1 full year. Appendix A provides a list of commodities tested by PDP from the beginning of the program in 1991 through 2015.

(a) PDP Policy and Planning Contributions



(b) PDP Data Users

Figure 1. Pesticide Data Program (PDP) Program Operations Support and Data Users. *This figure illustrates (a) agencies/groups that support PDP program policy and planning activities and (b) agencies/groups that use PDP data.*

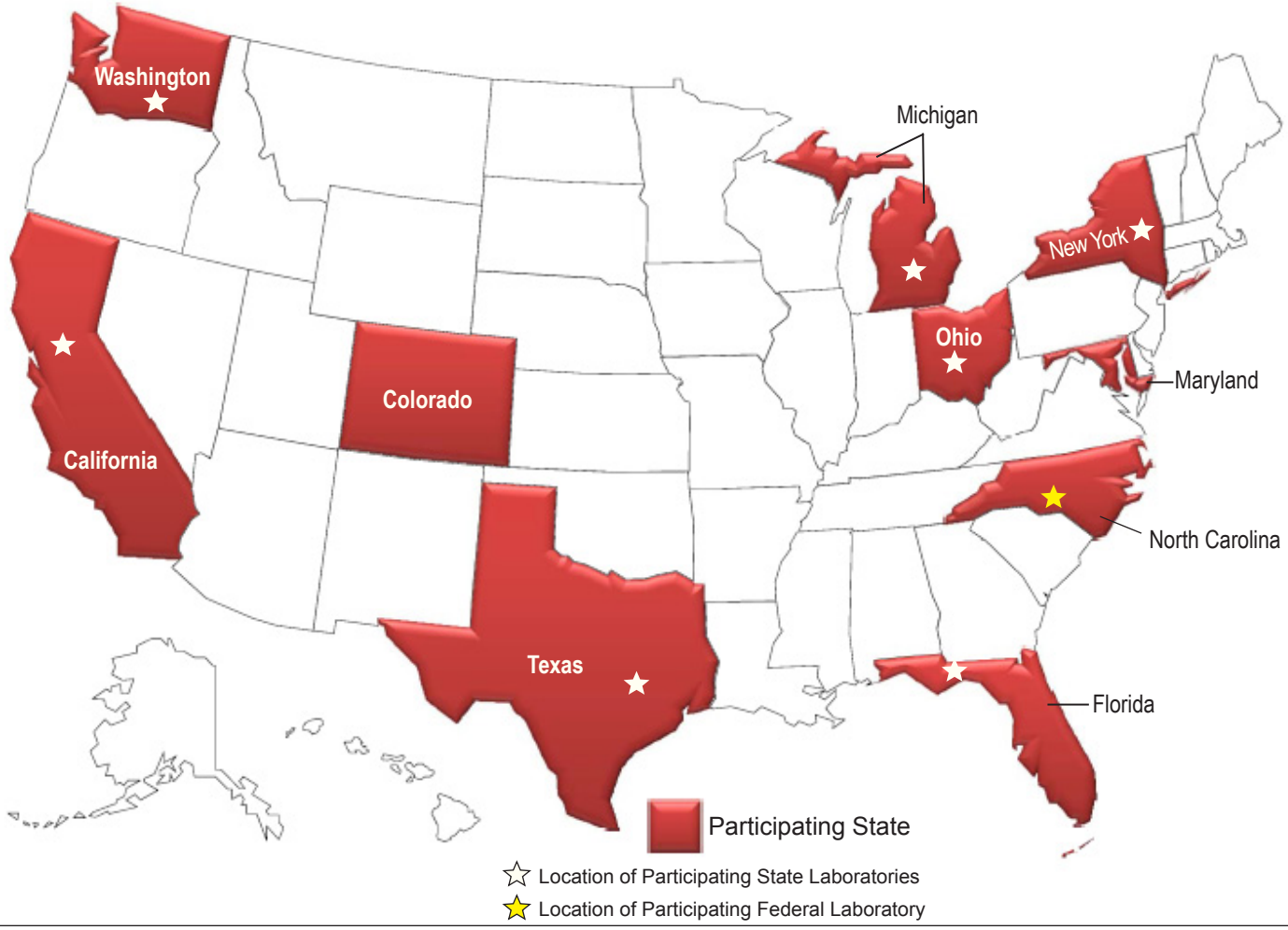


Figure 2. Program Participants. *During 2014, USDA's Agricultural Marketing Service established cooperative agreements with 10 States to sample and/or test Pesticide Data Program commodities. Together, these States represent about 50 percent of the Nation's population and all four census regions of the United States. They also represent major U.S. producers of fruit and vegetables. State laboratories were responsible for analyzing fresh and processed fruit and vegetables, infant formula, and salmon. The USDA National Science Laboratory analyzed the rice and oat samples.*

Fruit and vegetable samples are collected at terminal markets[1] and large chain store distribution centers from which food commodities are supplied to supermarkets and grocery stores. Sampling at these locations allows for residue measurements that include pesticides applied during crop production and those applied after harvest (such as fungicides, growth regulators, and sprouting inhibitors) and takes into account residue degradation while food commodities are in storage. Participation as a PDP sampling site is voluntary, which sets it apart from State and Federal enforcement programs. In 2014, over 600 sites granted access and provided information, including site volume data, to sample collectors. Voluntary cooperation is important to PDP and makes it possible to adjust sampling protocols in response to fluctuations in food distribution and production.

Pesticides screened by PDP include those with current registered uses for the commodity being tested and compounds for which toxicity data and preliminary estimates of dietary exposure indicate the need for more extensive residue data. PDP also monitors pesticides for which EPA has modified use directions (i.e., reduced application rates or frequency) as part of risk management activities. In addition, PDP tests for selected pesticides that may not have U.S. tolerances but are used in other countries that export commodities to the United

[1] Terminal markets are facilities where wholesalers receive large quantities of fresh fruit and vegetables by rail, truck and air from around the world for sale to grocers, restaurants, institutions, and other businesses. Terminal markets are often located in metropolitan areas at or near major transportation hubs.

States. The following appendices list the specific pesticides tested in the program: fruit and vegetables (Appendix B), oats (Appendix C), rice (Appendix D), infant formula (Appendix E), and salmon (Appendix F). Environmental contaminants, or pesticides whose uses have been canceled in the United States but their residues persist in the environment, are consolidated into Appendix G, which summarizes findings for these chemicals across all commodities.

II. Sampling Operations

♦ Conceptual Framework

The goal of the PDP sampling program is to obtain a statistically valid representation of the U.S. food supply. PDP data reflect actual pesticide residue exposure from food. Using a rigorous statistical design, PDP has developed extensive procedures that ensure samples are randomly selected from the national food distribution system and reflect what is typically available to the consumer.

Ten States currently participate in PDP–California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, and Washington. Participating States were selected based on agricultural production, analytical capabilities, population, and geographic distribution. Together, these States represent about 50 percent of the Nation's population and all four census regions of the United States.

Commodities chosen for inclusion in the program are based on EPA data needs. Foods selected for testing are high-consumption items with a strong focus on foods that are highly consumed by infants and children. Each fresh commodity is sampled and tested for 2 years in order to capture annual and seasonal variability. High-consumption items are rotated in and out of the program every 5 years – for example, apples, lettuce, oranges are retested and the data refreshed every 5 years.

A minimum of 600 samples per commodity per year is required in order to provide an accurate statistical representation for a given commodity. PDP collects additional samples to allow apportionment among the participating States over a 12-month period and to allow for a small sample overage for any missed, damaged, or unusable samples. Participating State population figures are used to apportion the number of samples scheduled for collection each month. PDP sampling operations may be adjusted according to product availability. For example, cherries, peaches, and nectarines may be oversampled during the summer months to make up for low availability during winter months.

PDP samples are collected at terminal markets and warehouse distribution centers, close to the point of consumption. Participating State agencies compile and maintain lists of these sampling sites. In 2014, over 600 sites granted access to sample collectors. The States provide AMS and NASS with annual volume information for commodities distributed at these sites. Based on this information, sites are assigned volume indicators compared to other sites in the same State. This volume indicator is used to ensure larger sites are selected more frequently than smaller sites. This information is used to weight the site to determine the probability for sample selection. For example, a weight of 10 may be given to a site that distributes 100,000 pounds of produce annually and a weight of 1 is given to a site that distributes 10,000 pounds. This site selection method, termed probability-proportionate-to-size (PPS), then results in the larger site being 10 times more likely to be selected for sampling than the smaller site.

Each participating State works with NASS to develop statistical procedures for site weighting and selection. States are also given the option to have NASS perform their quarterly site selection. The number of sampling sites and the volume of produce distributed by the sites vary greatly among States. Sampling plans that include sampling dates, sites (primary and alternate), targeted commodities, and testing laboratories are prepared by each State on a quarterly basis. Collection of commodities is randomly assigned to weeks of the month, prior to selection of specific sampling dates within a week. Because sampling sites are selected for an entire quarter, States may assign the sites to particular months based on geographic location.

Sample information is captured at the time of collection for inclusion in the PDP database. PDP sample origin data identify the State or country

where the commodity was produced. A comparison of PDP sample origin data to State production and import data by USDA's NASS shows PDP sampling is representative of the U.S. food supply.

♦ Sampling Procedures

PDP State sample collectors are trained to adhere to detailed program Standard Operating Procedures (SOPs) that provide criteria for site selection and specific instructions for sample selection, shipping and handling, and chain-of-custody. SOPs are updated as needed and serve as a technical reference in conducting program sampling reviews to ensure program goals and objectives are met. SOPs for PDP sampling are available on the Internet at www.ams.usda.gov/pdp. On a quarterly basis, sample collectors are provided with Commodity Fact Sheets that list specific collection details for individual commodities that have been added to the program.

Temperature-sensitive samples are packed in heavy-duty, temperature-controlled containers. Holding temperatures are preserved throughout transit time with the inclusion of ample frozen cold packs and insulating materials. Non-temperature-sensitive samples do not require temperature-controlled containers; however, they are shipped in heavy-duty, well-cushioned containers. To preserve sample integrity, most samples are shipped the same day as collection by overnight delivery. Non-refrigerated processed commodities such as grape juice, oats, rice, and infant formula are often shipped by ground transportation to reduce shipping costs.

Electronic Sample Information Forms (e-SIFs) are used for chain-of-custody and to capture information needed to characterize the sample. Sample collectors use tablets or laptop computers in the field to record sample identification information such as: (1) State of sample collection, (2) collection date, (3) sampling site code, (4) commodity code, and (5) testing laboratory code. Information from these five data elements is combined to form a unique PDP identification number for each sample. Other available information about each sample is also recorded, such as collector name; the State or country of origin; product variety; production claims such as organic; postharvest chemical applications; and grower, packer, and/or distributor locations. The e-SIFs are electronically mailed the same day as sample collection or, at the latest, by the next morning after collection to ensure that sample information is received at each laboratory by the time samples arrive for analysis. Refer to Section IV on Database Management for more information on the e-SIF system.

♦ 2014 Sampling Operations

The number of fruit, vegetable, oat, rice, infant formula, and salmon samples collected in each participating State is determined by State population. The quarterly collection schedule for all 2014 commodities is shown in Table 1. The total number of samples collected in each State for each commodity is listed in Table 2. Figure 2 illustrates the participating collection States and the laboratories to which samples were shipped. Table 3 lists the acceptable product types for each collected commodity as seen on Commodity Fact Sheets provided to sample collectors. For all commodities, domestic or imported and organically grown or conventionally grown products are acceptable.

State population figures are used to assign the number of fruit, vegetable, and other specialty samples scheduled for collection each month. At the beginning of 2014, these population- and distribution-network-based numbers resulted in the following monthly collection assignments for each State: California, 13; Colorado, 2; Florida, 7; Maryland, 4; Michigan, 6; New York, 9; Ohio, 6; Texas, 8; and Washington, 4. This schedule resulted in a monthly target of 59 samples per commodity, or 708 samples per commodity per year. Additionally, North Carolina collected four samples per month for selected commodities–green beans (fresh, frozen, and canned), peaches, oats, rice, and watermelon.

In 2014, fruit, vegetables, oats, rice, infant formula, and salmon were randomly collected by trained State inspectors at terminal markets and large chain store distribution centers throughout the country. Surrogate or "proxy" sites (retail markets) are used to collect these samples when the commodity of interest is unavailable at a terminal

Commodity	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	End Date
Apples					Sep-16
Bananas					Mar-14
Blueberries, Fresh/Frozen					Dec-14
Broccoli					Dec-14
Carrots					Dec-14
Celery					Dec-14
Cherries, Fresh/Frozen					Mar-16
Dairy-based Formula					Sep-14
Fish, Salmon					Jun-14
Grape Juice					Sep-14
Green Beans					Sep-16
Green Beans, Canned					Sep-14
Green Beans, Frozen					Dec-14
Nectarines					Dec-15
Oats					Aug-14
Peaches					Jun-15
Rice					Aug-14
Soy-based Formula					Sep-14
Strawberries					Sep-16
Summer Squash					Sep-14
Sweet Corn, Fresh/Frozen					Sep-15
Tomatoes					Sep-16
Watermelon					Jun-15

Table 1. Pesticide Data Program (PDP) Commodity Collection Schedule for 2014. *Samples are most often collected for a 2-year time period. Commodities are initiated or terminated in different quarters of the year so that new commodities are not brought into the program all at the same time. This table illustrates time ranges for the listed commodities. See Appendix A for the complete PDP commodity history (May 1991 through December 2015).*

market or distribution center. In these instances, the commodity is selected in the rear storage area of the retail facility so possible contamination by the consumer is eliminated and to allow capture of sample information from product boxes. In 2014, 36.8 percent of fruit, vegetable, oats, rice, infant formula, and salmon samples were collected at proxy sites. The commodities most often collected at these facilities were frozen cherries, infant formula, oats, grape juice, frozen blueberries, rice, salmon, and canned green beans.

The total number of samples per commodity and the percentage of each that were either domestic, imported, or of unknown origin are shown in Figure 3. The origin of some fresh commodities can vary greatly throughout the year. Graphic examples of this variation can be found in Figure 4, where differences in origin (domestic versus import) are depicted by month for blueberries and green beans. Fresh and processed fruit and vegetable, oats, rice, infant formula, and salmon samples originated from 39 States, 1 U.S. Territory, and 31 foreign countries (refer to Appendix H).

♦ Fresh and Processed Commodities

Of all samples collected and analyzed in 2014, 80.8 percent (8,582 of 10,619) were fruit and vegetables, including fresh and processed products. The fresh commodities collected for PDP were apples, bananas, blueberries, broccoli, carrots, celery, cherries, green beans, nectarines, peaches, strawberries, summer squash, sweet corn, tomatoes, and watermelon. The processed commodities included frozen blueberries, frozen cherries, grape juice (ready-to-serve and concentrate), canned and frozen green beans, frozen sweet corn, oats, rice,

State	AP	BB	BN	BR	CB	CE	CH	CR	GB	NE	PC	SS	ST	TO	WM	Total Fresh
California	39	154	39	160	35	156	58	156	156	147	138	117	39	39	78	1,511
Colorado	6	24	6	24	1	24	8	24	24	24	22	18	6	6	12	229
Florida	21	78	21	84	20	84	21	84	85	103	100	63	20	21	55	860
Maryland	12	48	12	48	10	48	21	48	48	39	39	36	12	12	24	457
Michigan	18	72	18	72	13	72	18	72	72	87	90	54	18	18	39	730
New York	27	105	27	108	21	108	27	108	108	108	108	81	27	27	54	1,044
N. Carolina									48		28					99
Ohio	18	67	18	72	7	72	19	72	72	54	58	54	18	18	36	655
Texas	24	95	26	96	22	96	44	96	96	75	84	72	24	24	48	922
Washington	12	45	12	48	5	48	12	48	48	44	40	36	12	12	24	446
TOTAL	177	688	179	712	134	708	228	708	757	681	707	531	176	177	390	6,953

State	BZ	CS	CZ	GC	GJ	GZ	Total Processed	Total Fresh & Proccessed F&V	Grains		Infant Formula		Fish
									OA	RI	DF	YF	FS
California	1	4	44	78	117	78	322	1,833	64	65	114	114	78
Colorado		3	9	12	18	12	54	283	10	10	18	18	12
Florida	6	1	42	43	63	42	197	1,057	35	35	63	63	42
Maryland		2	15	24	36	24	101	558	20	19	36	36	24
Michigan		5	36	36	54	36	167	897	30	30	54	54	36
New York	3	6	54	54	81	54	252	1,296	45	45	81	81	54
N. Carolina				24		24	48	147	20	20			
Ohio	5	11	35	36	54	36	177	832	30	30	54	54	36
Texas	1	2	26	48	72	48	197	1,119	40	40	72	71	48
Washington	3	7	21	23	36	24	114	560	20	20	36	36	24
TOTAL	19	41	282	378	531	378	1,629	8,582	314	314	528	527	354

Commodity Legend		
AP = Apples	CS = Sweet Corn, Frozen	OA = Oats
BB = Blueberries, Cultivated, Fresh	CZ = Cherries, Frozen	PC = Peaches
BN = Bananas	DF = Dairy-based Infant Formula	RI = Rice
BR = Broccoli	FS = Fish, Salmon	SS = Summer Squash
BZ = Blueberries, Frozen	GB = Green Beans, Fresh	ST = Strawberries
CB = Sweet Corn, Fresh (on-the-cob)	GC = Green Beans, Canned	TO = Tomatoes
CE = Celery	GJ = Grape Juice	WM = Watermelon
CH = Cherries	GZ = Green Beans, Frozen	YF = Soy-based Infant Formula
CR = Carrots	NE = Nectarines	

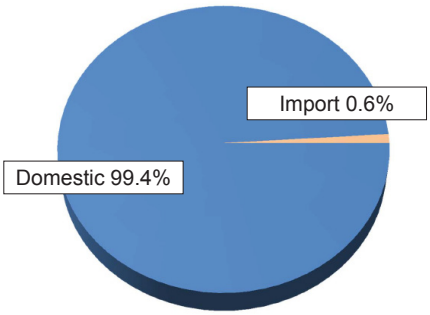
Table 2. Distribution of Samples Collected by Each Participating State. *This table includes those commodities collected at terminal markets, distribution centers, and retail markets.*

Commodity	Acceptable Products
Apples	All fresh, whole apples.
Bananas	Whole, fresh bananas.
Blueberries, Cultivated Fresh	Any fresh, whole blueberry. Cultivated (Highbush) or wild (Lowbush). Fresh are preferred, but frozen are acceptable.
Blueberries, Frozen	Frozen blueberries. Cultivated (Highbush) or wild (Lowbush). Individually quick frozen (IQF) or frozen in own juice.
Broccoli	Fresh broccoli. Broccoli crowns (bunch with top florets plus a little of the stem) are preferred. Broccoli with stems (bunch with top florets plus a lot of the stem) is acceptable if broccoli crowns are not available.
Carrots	Fresh, whole carrots, with or without tops.
Celery	Fresh, whole celery.
Cherries	Any fresh, whole sweet cherry. Fresh are preferred, but frozen are acceptable.
Cherries, Frozen	Frozen sweet cherries. Individually quick frozen or frozen in own juices.
Grape Juice	100% Grape Juice. Concord, red or white grape juice. Added nutritional ingredients such as citric acid and ascorbic acid. Ready-to-serve or frozen concentrate are rotated according to a fixed schedule. Ready-to-serve: single strength (grape juice may have been reconstitutued from concentrate). Shelf-stable or refrigerated. Individual single-serving boxes with the same lot number. Frozen concentrate includes cans of concentrated grape juice that are frozen. Non-concentrated grape juice may not be substituted for frozen grape juice concentrate.
Green Beans	Fresh green string beans. Whole or pre-cut.
Green Beans, Canned	Canned green beans only. Whole style, kitchen sliced, cut or French cut. May contain salt, citric acid, calcium chloride, or sugar as ingredients.
Green Beans, Frozen	Frozen green beans. Any style cut (string beans, cut, French cut, etc.).
Infant Formula, Dairy-Based	Any dairy-based infant formula. Powdered, concentrated liquid, or ready-to-eat. Samples may contain ARA, DHA, Choline, vitamins, minerals (e.g., iron, zinc, etc.), probiotics, and prebiotics. Formula with pre-digested proteins (i.e., hydrolyzed proteins).
Infant Formula, Soy-Based	Any soy-based infant formula. Powdered, concentrated liquid, or ready-to-eat. Samples may contain ARA, DHA, Choline, vitamins, minerals (e.g., iron, zinc, etc.), probiotics, and prebiotics. Formula with pre-digested proteins (i.e., hydrolyzed proteins).
Nectarines	Any fresh, whole nectarines.
Oats	Whole grain oats (oat groats), rolled oats (old-fashioned oats), steel-cut oats (Irish oats, Scotch oats, pinhead oats, coarse-cut oats), oat bran.
Peaches	Fresh, whole peaches. Red or white. Clingstone, freestone or semi-freestone. Attempt to select peaches that are not overly ripe or soft to the touch.
Rice	Regular milled white rice (short, medium, and long grain), brown rice, basmati rice, jasmine rice, texmati rice. Polished rices. Arroz (Portuguese and Spanish word for long-grained rice).
Salmon	Fresh or frozen raw (uncooked) salmon. Filets, nuggets, strips, or steaks; bones-in or no bones; Atlantic or Pacific; farm-raised or wild caught.
Strawberries	Fresh, whole strawberries.
Summer Squash	Fresh whole zucchini, yellow squash, or crookneck squash.
Sweet Corn	Fresh corn-on-the-cob, with or without husks (samplers should not remove husks). When fresh on-the-cob corn is not available, bagged frozen niblet-style corn is acceptable.
Sweet Corn, Frozen	Bagged frozen niblet-style corn in white kernels, yellow kernels, or a mixture (bread & butter).
Tomatoes	Fresh tomatoes. Regular round varieties or Plum/Roma.
Watermelon	Fresh whole watermelon, including seeded and seedless varieties. Watermelon cut into halves or quarters ONLY if whole is not available.

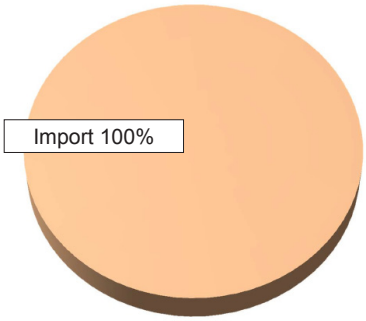
Table 3. Acceptable Products for Collected Commodities. *This table lists the acceptable products for each collected commodity as seen on Commodity Fact Sheets provided to sample collectors. For all commodities, domestic or imported and organically grown or conventionally grown products are acceptable.*

A. Fresh Fruit and Vegetable Samples

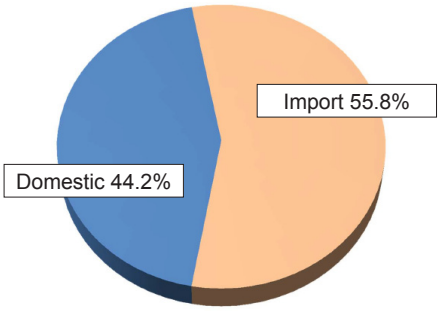
Apples (177 Samples)



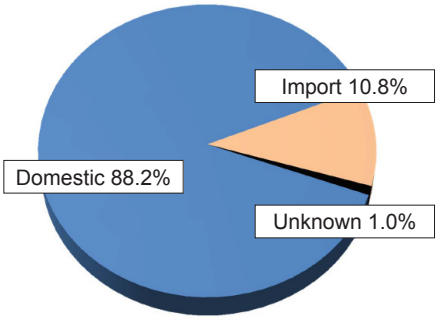
Bananas (179 Samples)



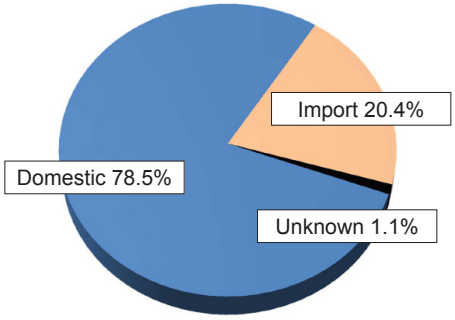
Blueberries, Cultivated (688 Samples)



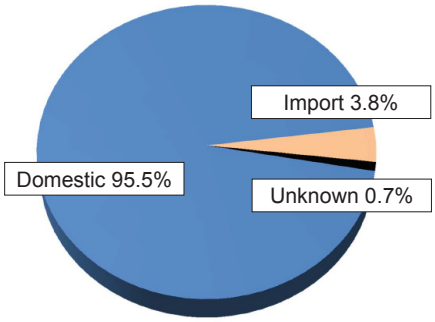
Broccoli (712 Samples)



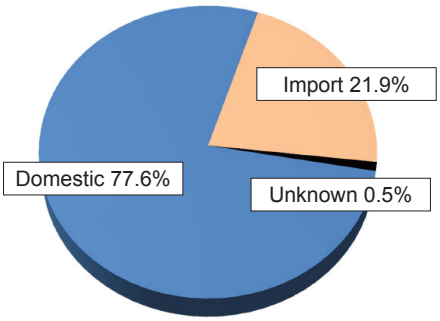
Carrots (708 Samples)



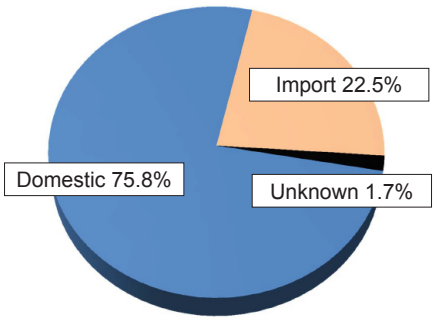
Celery (708 Samples)



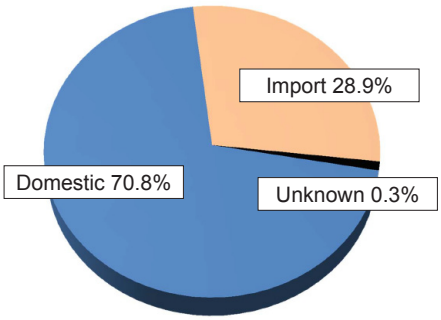
Cherries (228 Samples)



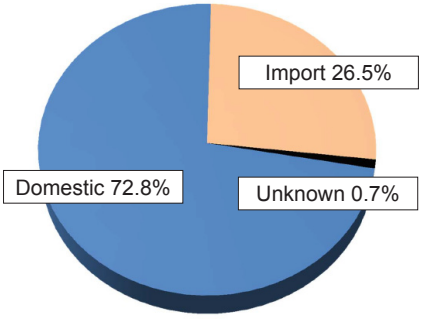
Green Beans (757 Samples)



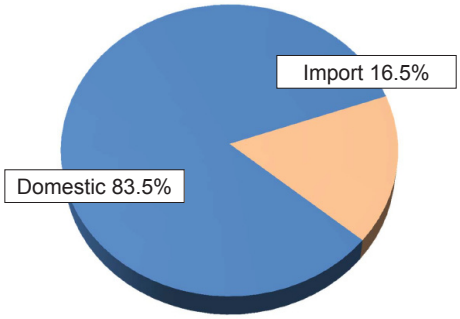
Nectarines (681 Samples)



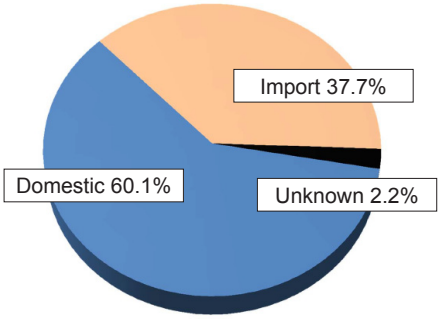
Peaches (707 Samples)



Strawberries (176 Samples)



Summer Squash (531 Samples)



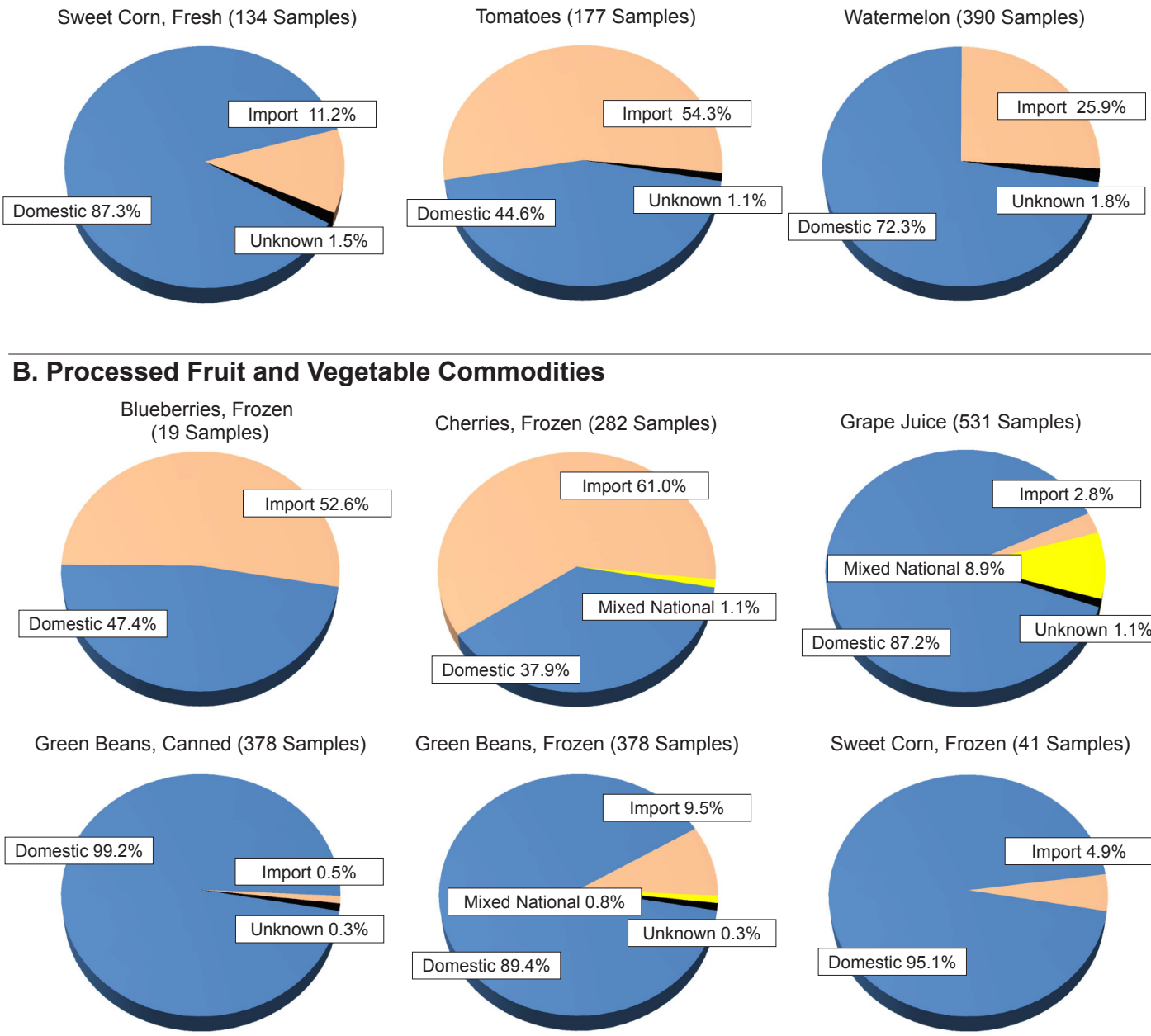


Figure 3. Commodity Origin. *This figure depicts the proportion of commodity origin (domestic, import, unknown, and mixed national origin) for each fresh and processed fruit and vegetable product tested in 2014.*

and infant formula. All fresh and frozen fruit and vegetable samples weighed either 3 or 5 pounds with the exception of blueberries which weighed 1 pound. Three pounds were collected for smaller, low-weight commodities such as green beans, and 5 pounds were collected for larger, high-weight commodities such as bananas and watermelon. Juice and infant formula samples were 1 quart or 32 ounces. Canned samples were 28 ounces. Grain samples were 1 pound for oats and 3 pounds for rice.

♦ Infant Formula

In 2014, PDP tested two types of infant formula – dairy-based and soy-based. Acceptable samples included concentrated liquid, powdered, and ready-to-eat; domestic or imported; organic or conventional products. The minimum weight was enough to reconstitute to 32 ounces. PDP collected and tested 528 dairy-based samples and 527 soy-based samples. For the 527 soy-based infant formula samples, 34 were concentrated

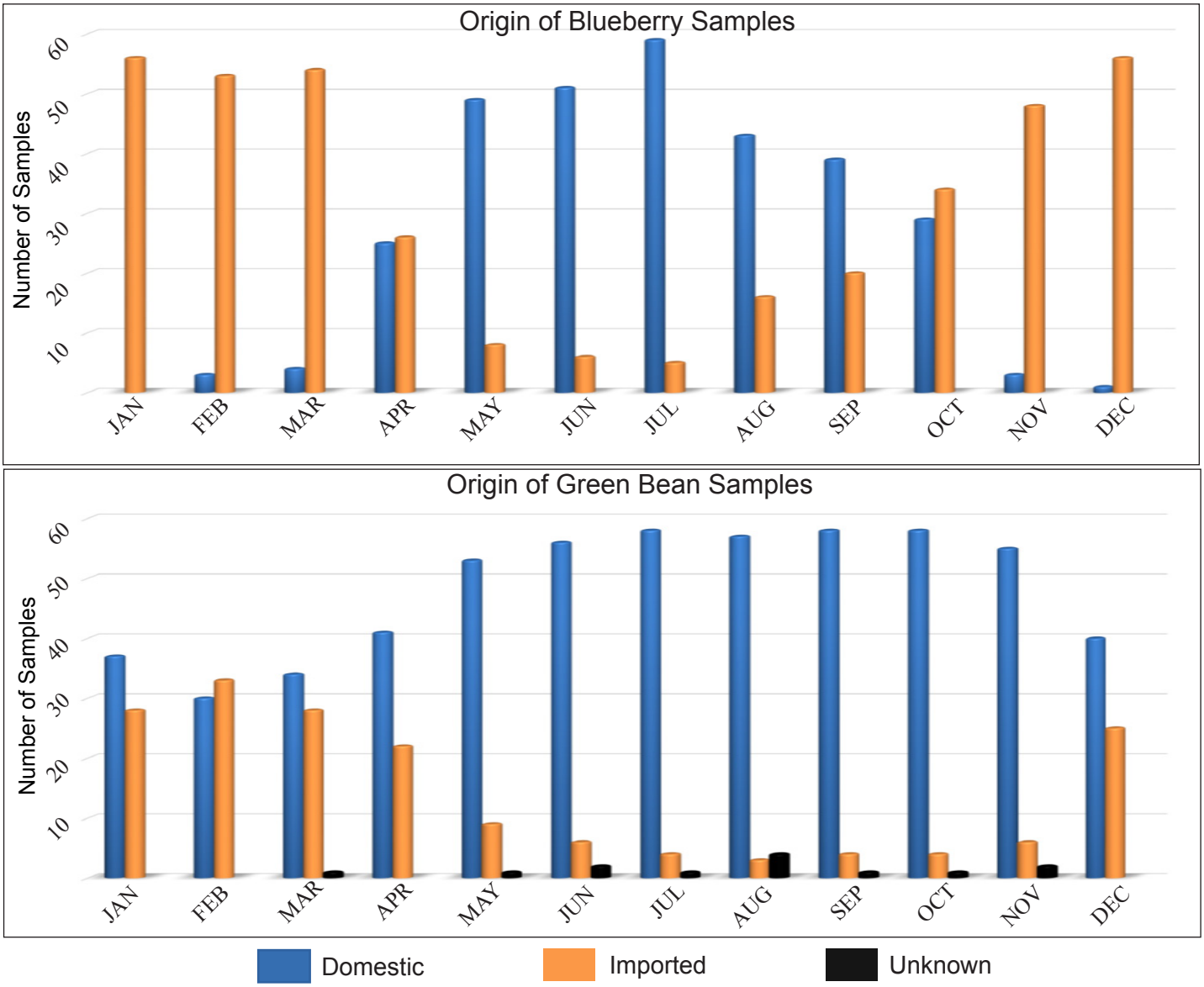


Figure 4. Origin of Selected Fresh Commodities: Blueberry and Green Bean Samples. *Differences in origin (domestic vs. import) are illustrated by month.*

liquid, 395 were powdered, and 98 were ready-to-eat. For the 528 dairy-based infant formula samples, 29 were concentrated liquid, 390 were powdered, and 109 were ready-to-eat. Samples were collected from routine PDP sampling sites, which included major distribution centers and terminal markets as well as proxy sites. Dairy-based samples were tested at the New York laboratory, and soy-based samples were tested at the California laboratory.

♦ Salmon

In 2013, EPA requested collection of salmon data to examine levels of pesticides present in salmon, whether from environmental contaminants or from pesticides used in aquaculture. Current, comprehensive data on pesticide residues on fish available for purchase by the U.S. consumer is largely unavailable. Sampling was designed to capture domestic and imported products, including farm-raised and wild-caught salmon. PDP sampled salmon available at designated sampling locations regardless of country of origin, in order to capture results for salmon consumed by the American public.

PDP collected and analyzed 354 salmon samples in 2014. Each sample consisted of 2 pounds of fresh or frozen raw salmon. Proxy/retail sites provided 72.0 percent of salmon samples. Whole salmon samples were not collected; rather, only fillets,

nuggets, strips, or steaks were obtained for testing. Both bones-in and no bones were acceptable sample types. To ensure salmon samples arrived at the laboratory in acceptable condition, samples were first frozen overnight and then shipped the following day by overnight air with ample frozen cold packs and insulating materials surrounding all sample units. Analysis was performed by the Washington State laboratory.

Farm-raised or wild-caught and domestic or imported salmon were collected on a random, as-available basis. The majority of samples were wild-caught and imported. Approximately 64 percent were wild-caught and 23 percent of the samples were farm-raised. The remainder of the samples had no available source information. Approximately 71.5 percent were imported, while 28.5 percent of the samples originated in the United States. Distribution of residues in salmon may be found in Appendix F.

♦ Sampling Limitations

A limited number of States across the United States participate in PDP. The States that do participate account for about 50 percent of the U.S. population, all four census regions of the U.S., and the major agricultural production areas of the country, so are representative of the U.S. as a whole.

PDP collects samples from 600 distribution centers and terminal markets within the participating States. The total number of distribution centers and terminal markets within the participating States is difficult to establish since existing sites may go out of business or merge and new sites may open during the course of the year. However, sites within the States that participate do not differ significantly from those that do not participate; therefore, the selected sites are representative of all sites in the State.

Sometimes it is necessary to replace the site that was originally selected using PPS. In those cases, an alternate site is selected by the State personnel to replace the original site. Whenever possible, a site of similar size in the same region as the original site is chosen as the replacement. Because participation in the PDP survey is voluntary and multiple visits can be detrimental to the goodwill of facility management, it is sometimes necessary to limit the number of times facilities are visited during a given month or quarter. Additionally, the availability of a specific commodity may necessitate a change in site selection. For example, if a site is selected for frozen green beans and that site only carries fresh produce, a replacement site is required.

III. Laboratory Operations

♦ Overview

Seven State laboratories and one USDA laboratory performed analyses for PDP. These laboratories are equipped with instrumentation capable of detecting residues at very low levels. Laboratory staff members receive intensive training and must demonstrate analytical proficiency on an ongoing basis. Program scientists continually test new technologies and develop new techniques to improve the levels of detection. Major changes in methodology and/or instrumentation are evaluated and their soundness demonstrated and documented by means of method validation modules in accordance with PDP SOPs.

♦ Fresh and Processed Commodities

Fruit and vegetable samples were tested for 457 parent pesticides, metabolites, degradates, and/or isomers, plus 22 environmental contaminants using Multiresidue Methods (MRMs). Pesticides screened by PDP include those with current registered uses for the commodity being tested and compounds for which toxicity data and preliminary estimates of dietary exposure indicate the need for more extensive residue data.

Upon arrival at the testing facility, samples of fresh commodities were visually examined for acceptability and discarded if determined to be inedible (decayed, extensively bruised, or spoiled). Laboratories are permitted to refrigerate incoming fresh fruit and vegetable samples of the same commodity up to 72 hours to allow for different sample arrival times from collection sites. Frozen and canned commodities may be held in storage (freezer or shelf) until the entire sample set is ready for analysis.

Each sample is prepared according to the procedures detailed in Table 4, which lists the steps for

preparing each commodity for analysis as defined in the Laboratory Sample Processing and Analysis Standard Operating Procedure. For all commodities, the sample is chopped, mixed, or blended until a visually homogeneous mixture is attained.

Samples are homogenized using choppers and/or blenders and separated into analytical portions (aliquots) for analysis. If testing cannot be performed immediately, the entire analytical set is frozen at -40°C or lower, according to PDP's Quality Assurance/Quality Control (QA/QC) requirements. Surplus aliquots not used for the initial testing are retained frozen in the event that replication of analysis or verification testing is required.

For analysis of fruit and vegetables, testing laboratories use various Quick, Easy, Cheap, Effective, Rugged and Safe (QuEChERS)-based approaches[2]. All MRMs are determined, prior to use and through appropriate method validation procedures, to produce equivalent data for PDP analytical purposes.

PDP laboratories use gas chromatography (GC) and liquid chromatography (LC) instrumentation, coupled with tandem mass spectrometry (MS) detection systems for the simultaneous identification/confirmation and quantitation of pesticides. The use of these GC-MS/MS and LC-MS/MS systems allows the program to capture data for a broad spectrum of pesticides, including emerging product chemistries.

♦ Oats and Rice

The NSL analyzed 314 samples of oat grain and 314 samples of rice. The number of pesticides, metabolites, degradates, and/or isomers tested were 89 and 94 for oats and rice, respectively. In addition, 13 environmental contaminants were screened in each commodity. Samples were prepared according to the procedures detailed in Table 4. Samples were extracted using a modification of the QuEChERS method, and analyses were performed utilizing GC-MS/MS and LC-MS/MS as well as GC/MS in the negative chemical ionization mode.

♦ Infant Formula

In 2014, the California laboratory tested 527 soy-based infant formula samples, and the New York laboratory tested 528 dairy-based infant formula samples. A total of 314 parent pesticides, metabolites, degradates, and/or isomers, plus 18 environmental contaminants, were screened in the infant formula samples. Samples were prepared according to the procedures detailed in Table 4. Samples were extracted using modifications of the QuEChERS method, and analyses were performed utilizing GC-MS/MS and LC-MS/MS.

♦ Salmon

The Washington State laboratory analyzed 354 samples of salmon for 166 parent pesticides, metabolites, degradates, and/or isomers, plus 15 environmental contaminants. Samples were prepared according to the procedures detailed in Table 4. Samples were extracted using a modification of the QuEChERS method followed by analysis via GC-MS/MS and LC-MS/MS.

♦ Quality Assurance Program

The primary objectives of the QA/QC program are to ensure the reliability of PDP data and the performance equivalency of the participating laboratories. Direction for the PDP QA program is provided through SOPs initially based on EPA Good Laboratory Practices, along with program-specific QA/QC requirements. The PDP SOPs provide uniform administrative and sampling procedures, as well as laboratory operations and data analyses guidelines. The program SOPs are revised annually to accommodate changes in the program and are aligned with International Organization for Standardization (ISO)[3] requirements. PDP laboratories are accredited to ISO 17025 by the

[2] M. Anastassiades, S.J. Lehotay, D. Stajnbaher and F.J. Schenck, "Quick, Easy, Cheap, Effective, Rugged and Safe (QuEChERS) Method," J AOAC Int 86 (2003) 412.

[3] "ISO" is not an acronym because the initials would be different in various official languages. "ISO" is adopted from the Greek word "isos" meaning equal.

Commodity	Sample Preparation Steps
Apples	Wash and drain. Do not peel. Remove the stem. Remove the core using a commercially available apple corer, or cut each apple in half or quarters and remove the core portion.
Bananas	If necessary, banana samples may be stored in a secure location at room temperature for up to 72 hours for ripening purposes. Peel each fruit.
Blueberries, Cultivated	Wash by the handful or by using a colander and drain.
Broccoli	Visually examine and discard any damaged portion or wilted florets. Trim away inedible portions of stems. Wash and drain.
Carrots	If carrots have any visible dirt, hold each carrot under cold running tap water and gently scrub the entire surface with a clean vegetable brush to remove any loose soil and grit. Wash and drain. Remove stem cap portion from each carrot.
Celery	Using a clean, dry knife, remove the inedible portion of the stalk to allow stems to separate. Wash and drain.
Cherries	Remove the stem from each cherry. Wash and drain. Remove the pit, being careful to remove as little of the meat as possible.
Frozen Product: Blueberries, Cherries, Green Beans, Sweet Corn	The samples may be chopped while frozen, or to prevent damage to the chopper/homogenizer blades, the sample may be thawed in a refrigerator or in a room temperature water bath. Open the containers and pour the entire contents into the chopper/homogenizer.
Grain Product: Oats, Rice	Grind the entire grain sample using an appropriate device to obtain a homogeneous mixture. If a significantly large sample is received, a subsample can be homogenized at the target weight.
Grape Juice	For fresh and reconstituted juices, ensure that sample is evenly mixed in order to obtain a homogeneous mixture. For concentrates, dilute juice in a dry, clean container with cold running tap water, according to label directions.
Green Beans	Wash and drain. Do not peel. Using a clean, dry knife, remove any stems that are present.
Green Beans, Canned	If the lid of the can has visible dirt or dust, rinse the lid under cold running tap water for 5 to 10 seconds. Dry the lid with a paper towel. Open each can and pour the entire contents of each can including the liquid into a blender/homogenizer.
Infant Formula: Dairy-Based, Soy-based	For ready-to-eat samples, ensure that sample is evenly mixed in order to obtain a homogeneous mixture. For concentrated liquid samples, dilute in a dry, clean container with reagent water, according to label directions and mix well to ensure a homogeneous mixture. For powdered samples, reconstitute in a dry, clean container with reagent water according to label directions and mix well to ensure a homogeneous mixture.
Nectarines & Peaches	Wash and drain. Do not peel. Remove stem and leaves if present. Using a clean, dry knife, cut the nectarine/peach around the pit (i.e., without cutting through the pit). Remove the pit, being careful to remove as little of the meat as possible.
Salmon	Mechanically homogenize each tissue until a visually homogeneous mixture is attained. Dry ice may be used during the homogenization procedure.
Strawberries	Wash by the handful or by using a colander and drain. Remove stems and leaves if present.
Summer Squash	Wash and drain. Using a clean, dry knife, remove end pieces.
Sweet Corn	Remove husk and silk from each ear. Wash and drain. Using a clean dry knife or other appropriate utensil, remove the kernels from cob.
Tomatoes	Wash and drain. Do not peel. Using a clean, dry knife, cut the tomato around the stem area. Remove any stem, being careful to remove as little of the meat as possible. The tomatoes may be quartered prior to homogenization.
Watermelon	Wash and drain. Using a clean, dry knife, cut each watermelon into quarters, and remove the rind. For large watermelons take alternate quarters of each fruit for homogenization For small watermelons, homogenize the entire sample.

Table 4. Sample Preparation Steps for Analysis. *This table lists the steps for preparing each collected commodity for analysis as defined in the Laboratory Standard Operating Procedure. The wash and drain steps refer to a wash under cold running water for approximately 15-20 seconds to ensure that all surfaces are rinsed, then drained for at least 2 minutes. For all commodities, the sample is chopped, mixed, or blended until a visually homogeneous mixture is attained.*

American Association for Laboratory Accreditation (A2LA), an internationally recognized accrediting body.

Laboratory Technical Advisory Group and Quality Assurance Officers: A Technical Advisory Group, comprised of laboratory Technical Program Managers and Quality Assurance Officers, is responsible for annually reviewing program SOPs and addressing QA issues. For day-to-day QA oversight, PDP relies on the Quality Assurance Unit (QAU) at each participating facility. The QAU operates independently from the laboratory staff and is responsible for reviewing all data generated for PDP and for performing quarterly, internal program audits. Preliminary data review procedures are performed onsite by each laboratory's QAU. Final review procedures are performed by MPD staff assigned to each laboratory that is responsible for collating and reviewing data for conformance with SOPs.

Method Performance Requirements: Laboratories are required to determine and verify the limits of detection (LODs) and limits of quantitation (LOQs) for each pesticide/commodity pair. LODs depend on matrix, analyte, and methods used (extraction and instrumental). LODs for each pesticide/commodity pair are shown in the applicable crop results appendix. Additional method performance/validation requirements include modules for consistent instrument response (linearity), method range, and precision and accuracy.

Identification/Confirmation: Identification/confirmation is performed by MS technologies. Residue amounts greater than or equal to LOD and below LOQ are reported as below quantifiable level (BQL). BQLs are assigned values at one-half the LOQ and are used along with values greater than or equal to LOQ and non-detects in dietary risk assessments when appropriate.

Routine Quality Control Procedures: PDP procedures for QC are intended to assess method and analyst performance during sample preparation, extraction, and cleanup. To maximize sample output and decrease the QC/sample ratio, samples are analyzed in analytical sets that include the test samples and the following components:

• Reagent Blank - For analysis of fruit and vegetables, oats, rice, infant formula, and salmon, an amount of distilled water, equivalent to the natural moisture content of the commodity, is run through the entire analytical process to confirm glassware cleanliness and system integrity.

• Matrix Blank - A previously analyzed sample of the same commodity, which contains either very low concentrations of known residues or no detectable residues, is divided into two portions. The first portion is used to determine background information on naturally occurring chemicals and the second to prepare a matrix spike.

• Matrix Spike(s) - Prior to extraction, a portion of the matrix blank is spiked with marker pesticides to determine the precision and accuracy of the analyst and instrument performance. Marker pesticides are compounds selected from different pesticide classes (e.g., organochlorines, organophosphates, carbamates, conazoles, imidazolinones, macrocyclic lactones, neonicotinyls, phenoxy acid herbicides, pyrethroids, strobilurins, sulfonyl urea herbicides, triazines, uracils), with physical and chemical characteristics representative of their corresponding pesticide class. Marker pesticides may be used to monitor recovery instead of spiking all pesticides. This use of marker pesticides optimizes the resources required to analyze the thousands of analyte/matrix combinations in the program while still allowing evaluation of daily recovery patterns. In addition, each laboratory must perform matrix spikes at least quarterly for each analyte/crop combination it reports. Some laboratories choose to rotate spikes of all compounds on a set-to-set basis or spike all compounds analyzed with each set, so that the amount of spike recovery data obtained actually exceeds the minimal requirements previously stated. During 2014, PDP laboratories quantitated a total of 70,089 matrix spikes, with an overall mean recovery of 98 percent and an overall 22 percent coefficient of variation (% C.V.). The % C.V. is calculated as the standard deviation divided by the mean.

• Process Control Spike - A compound with physical and chemical characteristics similar to those of the pesticides being tested is used

to evaluate the analytical process on a sample-by-sample basis. Each of the analytical set components, except the reagent and matrix blanks, is spiked with process controls. During 2014, PDP laboratories quantitated a total of 26,557 process controls on 10,619 samples, with an overall mean recovery of 99 percent and an overall 16 % C.V. Of these process controls, 8 (0.03 percent) were reruns due to initial failure to meet PDP recovery criteria. The rerun values are not included in these statistics.

Proficiency Testing: All facilities are required to participate in PDP's Proficiency Testing (PT) program. In order to properly benchmark performance, PDP laboratories participate in an international PT program, the Food Analysis Performance Assessment Scheme (FAPAS) PT program, administered by the Food and Environment Research Agency, Sand Hutton, York, United Kingdom. In 2014, PDP laboratories that routinely analyze fruit and vegetables via MRMs participated in one FAPAS round for pears that contained eight fortified analytes. Laboratories were evaluated based on z-scores for reported compounds, as well as any reported false negatives or false positives. PDP laboratories typically obtained z-scores less than two, which is deemed satisfactory performance.

In addition, PDP laboratories participate in an internal PT program that is tailored to current PDP commodities and testing profiles. For this internal program, the California Department of Food and Agriculture QAU prepares and issues rounds designed by MPD. Spiking compounds are selected with specificity and levels for each commodity. Fortification levels of selected analytes are generally 1 to 10 times the program LOQ for that commodity/compound pair. For each multiresidue round, one compound per set is typically repeated within the round to provide an indicator of repeatability. The resulting data are used to determine performance equivalency among the testing laboratories and to evaluate individual laboratory performance.

During 2014, PDP laboratories received two multiresidue fruit and vegetable PT rounds (grapes and green beans), each consisting of three test samples. The grape samples were fortified with a total of 10 different pesticides with buprofezin spiked on 2 different samples. The green bean samples were fortified with a total of 10 different compounds with trifloxystrobin spiked on 2 different samples at the same level to evaluate within and between laboratory variability.

Onsite Reviews: In addition to the onsite assessments performed by A2LA that are required to maintain ISO 17025 accreditation, MPD staff chemists perform onsite reviews of laboratory operations to determine compliance specifically with PDP SOPs. Improvements in sampling, chain-of-custody, laboratory, recordkeeping, and electronic data transmission procedures are made as a result of onsite reviews.

IV. Database Management

PDP maintains an electronic database at the MPD in Washington, D.C., that serves as a central data repository. The data captured and stored in the PDP database include sample collection and product information, residue findings, and process control recoveries for each sample analyzed, in addition to QA/QC fortified recoveries for each set of samples. Each calendar-year survey is stored in a separate database structure, which allows easier administration and data reporting. The PDP data path is illustrated in Figure 5.

♦ Electronic Data Path

PDP utilizes the Remote Data Entry (RDE) system, which is a customized software application that allows participating State and Federal laboratories to enter and transmit data electronically. The RDE system is centralized with all user interface software and database files residing in Washington, D.C. The laboratory users need only a Web browser to interface with the RDE system. Access is controlled through separate user login/password accounts and user access rights for the various system functions based on position requirements. The RDE system utilizes Secure Sockets Layer technology to encrypt all data passed between users' computers and the central Web server.

A separate Windows®-based system allows sample collectors to capture the standardized Sample

SAMPLE COLLECTION

- Collection in 10 States
- Samples taken close to consumer consumption
- Standardized sample information forms
- Data entry on tablet/laptop computers

LABORATORY ANALYSIS

- 7 State laboratories, 1 Federal laboratory
- Fruit and vegetable samples prepared for consumption
- Detect residues at low levels
- Pesticide residue data generated
- Multi-tiered quality assurance data review process

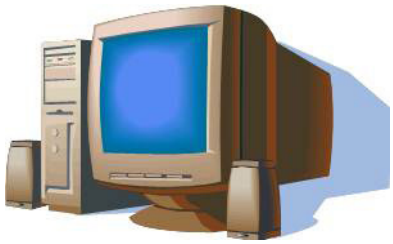
LABORATORY REMOTE DATA ENTRY (RDE)

- Web-based data entry software
- Import data from other systems
- Access controlled by user login
- Extensive data cross-checks

INTERNET

INTERNET

DATA REVIEW AT HQ



- Chemists review data on-screen
- Upload data to central database

YEAR-END REVIEW

- Data reconciliation

DATA REPORTING

- Standard & ad hoc reporting
- Annual Summary
- Custom data sets

Figure 5. Pesticide Data Program (PDP) Data Pathway. *An illustration of PDP data path from sample collection through laboratory analysis and reporting.*

Information Form (SIF) electronically on laptop or tablet computers. The e-SIF system generates formatted text files containing sample information that are e-mailed to PDP headquarters and then imported into the Web-based RDE system.

The RDE data entry screens have extensive editing functions and cross-checks built into the software to ensure valid values are entered for all critical data elements. This task is made easier by the practice of capturing and storing standardized codes for all critical alphanumeric data elements rather than their complete names, meanings, or descriptions. This coding scheme allows for faster and more accurate data entry, saves disk storage space, and allows the user to perform ad-hoc queries (data searches) on the database easily. The data entry screens also perform automatic edits on numeric fields, dates, and other character fields to ensure entries are within prescribed boundaries.

At PDP headquarters, the RDE system allows staff chemists to review the data online and then to mark the data as ready-for-upload to the central PDP database. A separate upload application converts and passes the data to the PDP database, which is maintained using Microsoft® Access and SQL Server database tools. Access to the central PDP database is limited to MPD personnel only and is controlled through password protection and user access rights.

♦ Data Reporting

The MPD staff frequently receives requests for data from Government agencies and interested outside parties. Ad-hoc queries and custom reports are generated to fill such requests. An electronic library of data queries is maintained to generate standardized data summaries, including the data tables, charts, and appendices in this annual summary. Subsets of the PDP calendar year databases are made available for download from the PDP website. The data files on the website are delimited text files that contain a portion of the sampling data, all reported residue findings, and reference lists that can be used to interpret the standardized codes used in the PDP data. The data files can be imported into defined database structures and manipulated using common database management software packages.

V. Sample Results and Discussion

♦ Overview

In 2014, PDP conducted surveys on a variety of foods including fresh and processed fruit and vegetables, oats, rice, infant formula, and salmon. Of the total 10,619 samples collected and analyzed; 8,582 were fresh and processed fruit and vegetable commodities, 314 were oat samples, 314 were rice samples, 1,055 were infant formula samples, and 354 were salmon samples. Over 41 percent of the samples tested had no detectable pesticide residue, and over 99 percent of the samples tested had residues below the tolerances established by the EPA.

Appendix B tabulates the distribution of residues in fruit and vegetables for the complete 2014 data set. Information included in this appendix are: number of samples analyzed for a particular compound, number and percent of samples with detections, range of concentrations detected, range of analytical LODs, and EPA tolerance levels. Appendices C, D, E, and F provide the distribution of residues for oats, rice, infant formula, and salmon, respectively.

PDP laboratories tested foods for low levels of environmental contaminants that are no longer used in the United States, but due to their persistence in the environment, particularly in soil, can be taken up by plants. Appendix G tabulates the results for environmental contaminants across all commodities. Environmental contaminants are consolidated into a single appendix because they have no registered uses and are not applied to crops in the U.S. These compounds are subject to FDA Action Levels (ALs), rather than tolerances. Because environmental contaminants continue to persist in the environment, they are practically unavoidable and may be present in food commodities at generally low levels. All individual sample data can be downloaded from the PDP Website at http://www.ams.usda.gov/pdp or obtained by contacting MPD.

For fresh and processed fruit and vegetables, oats, rice, infant formula, and salmon, 75.5 percent of all samples were produced in the United States, 22.9 percent were imports, 0.7 percent were of mixed origin, and 0.9 percent were of unknown origin. Appendix H shows the distribution of sample origin

by State or country. Of all fresh and processed fruit and vegetables, oats, rice, infant formula, and salmon samples collected and analyzed, approximately 31.5 percent (3,340 of 10,619) were grown, packed, and/or distributed in or from California. Appendix I includes a comparison of residues for selected commodities with a significant import component.

Food monitoring data, together with dietary consumption surveys, are used by EPA to estimate dietary exposure to pesticides to ensure the safety of existing pesticide uses. EPA uses all results reported by PDP, including sample results reported as below the LOD and those above the tolerance. PDP laboratories are required to establish LODs and report any instrumental response below the LOD as a non-detect. LODs are established experimentally for each pesticide/commodity pair and are reported with each data set. The number of non-detects can be used in conjunction with percent-crop-treated data to determine what proportion of these values may be counted as zero towards the dietary exposure.

♦ Import Versus Domestic Residue Comparisons

Information about the origin of each PDP sample is recorded when the sample is collected. Figure 3 illustrates the portion of the domestic and import component for each of the PDP fruit and vegetable commodities in 2014. The data generated by PDP reflect pesticide residues in foods, both domestic and imported products, available to the U.S. consumer. Many fresh and processed commodities are almost entirely of domestic origin, such as apples (99.4 percent); canned green beans (99.2 percent); celery (95.5 percent); and frozen sweet corn (95.1 percent) with only minor import (0.6 percent, 0.5 percent, 3.8 percent, and 4.9 percent, respectively) and unknown origins (0 percent, 0.3 percent, 0.7 percent and 0 percent, respectively). Some fresh fruit and vegetables are entirely imported such as bananas (100 percent). Other fresh commodities, such as blueberries and fresh green beans, are available from domestic growers part of the year and imported during the remaining months, as illustrated in Figure 4.

Comparisons of selected residues detected in imported versus domestic blueberries, nectarines, and peaches can be found in Appendix I. These sample sets were selected to compare data where residues are present in greater than 10 percent of the commodity and allow for the comparison of individual residues. These data also show that the residue profiles for domestic and imported crops are significantly different.

The blueberry data in Appendix I illustrate that, in 2014, azoxystrobin, fenhexamid, and phosmet and its oxygen analog metabolite were detected more frequently in imported samples than in domestic samples. Azoxystrobin was detected in 37.3 percent of the samples from Mexico, 25.7 percent of the U.S. samples, and 1.1 percent of the Chilean samples. Fenhexamid was detected in 21.9 percent of the Chilean samples, 10.7 percent of the Mexican samples, and 7.9 percent of the U.S. samples. Phosmet and its oxygen analog metabolite were detected in 50.8 percent and 34.8 percent of Chilean samples, respectively, and 23.7 percent and 13.2 percent of U.S. samples, respectively. No phosmet or its oxygen analog metabolite were detected in samples from Mexico. Acetamiprid, boscalid, fludioxonil, and pyraclostrobin also were detected more frequently in imported samples than in domestic samples. Malathion and tetrahydrophthalimide (THPI), a metabolite of the fungicide captan, were detected more frequently in domestic samples than in imports. Malathion was detected in 22.0 percent of U.S. samples and 10.7 percent of samples from Mexico. No malathion was detected in Chilean samples. THPI was detected in 35.3 percent of U.S. samples, 20.4 percent of Chilean samples, and 12.5 percent of samples from Mexico. Cypermethrin and cyprodinil were detected with relatively equal frequency in U.S. and Mexican samples. Cyprodinil was detected less frequently in Chilean samples, and no cypermethrin was detected in samples from Chile.

The data for nectarines in Appendix I illustrate that, in 2014, acetamiprid, cyhalothrin (lambda), iprodione, pyrimethanil, spinosad, and tebuconazole were detected more frequently in imported samples than in domestic samples. For example, iprodione was detected in 97.5 percent of Chilean samples and 1.7 percent of U.S. samples, and tebuconazole was detected in 80.7 percent of samples from Chile and 2.5 percent of samples from the U.S. Boscalid, fludioxonil, propiconazole, and spinetoram were

detected more frequently in domestic samples than in imports. For example, fludioxonil was detected in 83.6 percent of the U.S. samples and in 17.3 percent of Chilean samples while propiconazole was detected in 41.1 percent of samples from the U.S. and 18.3 percent of the samples from Chile. Indoxacarb and methoxyfenozide were detected with relatively equal frequency in both the U.S. and Chilean nectarines.

The peach data in Appendix I illustrate that in 2014 acetamiprid, iprodione, pyrimethanil, and tebuconazole were detected more frequently in imported samples than in domestic samples. For example, iprodione was detected in 99.5 percent of the samples from Chile and 1.2 percent of the samples grown in the U.S., and tebuconazole was detected in 76.2 percent of Chilean samples and 4.9 percent of U.S. samples. Boscalid, cyfluthrin, fenbuconazole, fludioxonil, propiconazole, and pyraclostrobin were detected more frequently in domestic samples than in imports. For example, fludioxonil was detected in 79.2 percent of U.S. samples and 24.0 percent of the samples from Chile. Chlorantraniliprole, cyhalothrin, methoxyfenozide, phosmet, and spirodiclofen were detected with relatively equal frequency in both the U.S. and Chilean peaches.

All pesticides detected were registered in the United States; however, the profiles of residue findings were markedly different in the U.S. samples versus samples from these exporting countries. The differences in residue detections between countries were likely due to the pesticides used in response to pest pressures based on differing environmental and climatic conditions as well as crop production and protection practices.

♦ Postharvest Applications

Pesticides can be applied before and after harvest depending on the crop and approved label use. PDP data capture both preharvest and postharvest uses because samples are collected at points when all pesticide applications have already occurred. Pesticides applied postharvest are used primarily as fungicides (e.g., azoxystrobin, imazalil, o-phenylphenol, and thiabendazole) and growth regulators/sprouting inhibitors (e.g., chlorpropham). Some detections reported in Appendix B most likely reflect postharvest applications to the raw agricultural commodity.

♦ Discussion of Results

There are many pesticides registered for use on the same crop; however, not all crops are sprayed and not all available pesticides are used at the same time or location. Over 41 percent of the samples tested had no detectable pesticide residue, and over 99 percent of the samples tested had residues below the tolerances established by the EPA. Pesticide use is primarily dictated by local pest pressures and environmental conditions conducive to growth of pest populations, as well as the planting of susceptible varieties. These differences are captured by PDP data, which reflect actual residues present in food grown in various regions of the U.S. and overseas. Thus, in evaluating consumer exposure to pesticides through the diet, EPA uses all available information provided by registrants, PDP, and others to verify that tolerances meet the safety standards set by FQPA. The reporting of residues present at levels below the established tolerance serves to ensure and verify the safety of the Nation's food supply.

Food commodities with pesticides detected in at least five percent of samples tested are shown in Appendix J. The data shown include the range and mean of values detected and U.S. EPA tolerance references for each pair.

By virtue of the MRMs employed, PDP provides novel data that can be used by EPA to evaluate exposure to multiple residues from the same commodity. The data are crucial for assessments that consider cumulative exposure to pesticides determined to have common mechanisms of toxicity. The distribution of multiple pesticides occurring in samples tested during 2014 is presented in Appendix K. These data indicate that 41.5 percent of all samples tested contained no detectable pesticides, 14.8 percent contained 1 pesticide, and 43.7 percent contained more than 1 pesticide. Parent compounds and their metabolites are combined to report the number of "pesticides" rather than the number of "residues." Environmental contaminants, listed in Appendix G, have been excluded from this count of pesticides.

One sample of strawberries contained residues of 17 pesticides. None of the residues found on the strawberry sample exceeded the established tolerance. Multiple residue detections can result from the application of more than one pesticide on a crop during a growing season; in addition, a number of other factors can contribute to multiple detections. For example, unintentional spray drift in the field, planting of crops in fields previously treated with the pesticide, and/or transfer of residues of postharvest fungicides or growth regulators applied to other commodities stored in the same storage facilities could all contribute to residue detections.

In most cases, samples analyzed by PDP are composites of 3 to 5 pounds of commodity from the same lot. Therefore, the estimated concentrations for multiple residue detections in these composite sample results may or may not reflect the number or levels of pesticides in a single serving item of a commodity.

♦ Special Projects

Oats: The NSL conducted testing on 314 oat samples. Appendix C shows that one residue representing one pesticide was detected in oats. Piperonyl butoxide was detected in one sample (0.3 percent). The residue detection was much lower than the established tolerance.

Rice: The NSL conducted testing on 314 rice samples. Appendix D shows that five different residues, representing five pesticides, were detected in the rice samples. The most frequently detected residue was piperonyl butoxide, which was detected in 35 samples (11.1 percent). Tricyclazole was detected in five samples (1.6 percent) and dinotefuran was detected in three samples (1.0 percent). MGK-264 and tebuconazole were each detected in one sample (0.3 percent). All residue detections were much lower than the established tolerances for those compounds with established tolerances.

Infant Formula: The New York and California laboratories tested dairy-based and soy-based infant formula samples, respectively. Results for infant formula are contained in Appendix E. There were no residue detections in the 528 dairy-based formula samples. MGK-264, a pesticide formulation ingredient used to enhance the active ingredient, was detected in 7 (1.3 percent) of the 527 soy-based samples. All detections of MGK-264 were much lower than the established tolerance.

Salmon: The Washington State laboratory conducted testing for pesticide residues on 354 salmon samples. Three residues representing three pesticides were detected in the salmon samples (Appendix F and Appendix G). Lufenuron was detected in one (0.3 percent) sample of salmon (Appendix F). The environmental contaminants DDT p,p' and mirex were detected in the salmon samples. DDT p,p' was detected in seven of the salmon samples (2.0 percent) and mirex was detected in one (0.3 percent) of the salmon samples (Appendix G). Both residue detections were lower than FDA's established AL.

♦ Environmental Contaminants

Environmental contaminants include pesticides whose uses have been canceled in the United States, but their residues persist in the environment, particularly in soil, where they may be taken up by plants. These data are also used to facilitate international trade. Residue results for environmental contaminants may be found in Appendix G.

DDT, DDD, and DDE: PDP screened samples for various metabolites of DDT including: DDT o,p'; DDT p,p'; DDD o,p'; DDD p,p'; DDE o,p'; and DDE p,p'. Use of DDT has been prohibited in the United States since 1972; however, due to its persistence in the environment, low-level residues of DDT and its DDD and DDE metabolites were detected in some commodities tested. DDE p,p' was detected in carrots (24.7 percent), celery (10.6 percent), summer squash (3.0 percent), frozen green beans (1.1 percent), and fresh green beans (0.1 percent). DDT p,p' was detected in carrots (9.5 percent), summer squash (4.8 percent), salmon (2.0 percent), and celery (0.3 percent). DDT o,p' was detected in carrots (4.2 percent) and summer squash (2.1 percent). DDD o,p' and DDD p,p' were detected in summer squash (0.4 and 0.2 percent, respectively) and DDE o,p' was detected in carrots (0.1 percent). All residues detected were lower than established FDA ALs.

Other Extraneous Pesticides: PDP screened samples for other environmental contaminants including: aldrin, which readily metabolizes to dieldrin; BHC (alpha/beta/delta/epsilon); chlordane (total, cis, trans) and its metabolite oxychlordane; dieldrin; endrin; heptachlor and its epoxide metabolite (total, cis); hexachlorobenzene (HCB); and mirex. HCB was used as a seed protectant until 1965 and, due to its persistence, remains in soil and grasses. In 1974, all aldrin and dieldrin uses were canceled in the United States and, in 1978, all heptachlor and mirex uses were canceled. In 1986, chlordane uses, except termiticide uses, were canceled. Despite these cancellations and because they persist in the environment, trace residues of BHC beta, chlordane, dieldrin, heptachlor epoxide, and mirex were detected in some of the tested commodities.

For example, dieldrin was detected in 3.1 percent of carrot samples and 3.0 percent of summer squash, while chlordane (cis) and chlordane (trans) were detected in 1.5 percent and 0.8 percent, respectively, in summer squash. Chlordane (total) was detected in 0.7 percent of carrot samples, while BHC (beta) was detected in 0.6 percent of carrots. Heptachlor epoxide (total) was detected in 1.3 percent of summer squash. Heptachlor epoxide (cis) was detected in 0.1 percent of carrot samples. Mirex was detected in 0.3 percent of salmon samples. No residues of aldrin, BHC alpha, BHC delta, BHC epsilon, endrin, heptachlor (parent), HCB, or oxychlordane were detected in any samples.

♦ Tolerance Violations

A tolerance is defined under Section 408 of the Federal Food, Drug, and Cosmetic Act as the maximum quantity of a pesticide residue allowable on a raw agricultural commodity. Tolerances are also applicable to processed foods. The FQPA of 1996 amended the Federal Insecticide, Fungicide and Rodenticide Act to require EPA to periodically review each pesticide registration using the most currently available data. Timely pesticide data provided by PDP enable the EPA to refine risk estimates used in the pesticide reregistration process.

A tolerance violation occurs when a residue is found that exceeds the tolerance level or when a certain residue is found for which there is no established tolerance. With the exception of meat, poultry, and egg products, for which USDA's Food Safety and Inspection Service is responsible, FDA enforces tolerances for all imported foods and domestic foods that move through interstate commerce. Unlike enforcement programs, PDP emphasizes determination of residues at the lowest detectable levels rather than quick turn-around times. When PDP identifies samples with residues exceeding the tolerance or with residues for which there is no established tolerance, these detections are reported to FDA's headquarters office. This notification is made in accordance with a Memorandum of Understanding between USDA and FDA for the purpose of identifying areas where closer surveillance may be needed. FDA assesses PDP apparent violation data for appropriateness for follow up under its regulatory pesticide program. Due to the time period required for completion of PDP analyses and data reporting, FDA follow up will usually be at a subsequent harvest or commodity availability period. In instances where a PDP finding is extraordinary and may pose a safety risk, FDA and EPA are immediately notified.

Residues exceeding the established tolerance or Action Level are noted with an "X" in Appendix B and Appendix G. Similarly, residues for which a tolerance is not established are noted with a "V" in Appendix B and Appendix D. The "X" and "V" annotations are followed by a number indicating the number of samples reported to FDA. The EPA tolerances cited in this summary and appendices apply to 2014 and not to the current year. There may be instances where tolerances may have been recently set or revoked that would have an effect on whether a residue is violative.

An established tolerance may apply to more than one residue because pesticides may break down into more than one metabolite or contain more than one isomer. For example, the tolerance for endosulfan combines residues of endosulfan I, endosulfan II, and endosulfan sulfate; and organophosphate tolerances may combine the parent compound and the sulfone and sulfoxide metabolites. Therefore, where applicable, the pesticide violations in Appendix L are combined residues of parent and any isomers and/or

metabolites to count the total number of samples with tolerance violations.

A total of 316 samples with 352 pesticides was reported to FDA as Presumptive Tolerance Violations. Pesticides exceeding the tolerance were detected in 0.36 percent (38 samples) of the total samples tested (10,619 samples). Of these 38 samples, 19 were imported (50 percent) and 19 were domestic (50 percent). The samples containing pesticides that exceeded established tolerances included: 1 sample of bananas, 2 samples of broccoli, 12 fresh green bean samples, 1 sample of nectarines, 11 samples of peaches, 5 samples of strawberries, 2 samples of summer squash, 3 samples of tomatoes, and 1 sample of watermelon.

Residues with no established tolerance were found in 2.6 percent (281samples) of the total samples tested (10,619 samples). Of these 281 samples, 138 were domestic (49.1 percent), 140 were imported (49.8 percent), and 3 were of unknown origin (1.1 percent). These samples included 258 fresh fruit and vegetable samples, 22 processed fruit/vegetable samples, and 1 rice sample. The 22 processed fruit/vegetable samples were canned and frozen green beans, grape juice, and frozen cherries. There were 250 samples that contained 1 pesticide for which no tolerance was established and 29 samples with 2 pesticides for which no tolerance was established. One sample of celery and one sample of fresh green beans contained three pesticides for which no tolerance was established. Three of the 281 samples also contained 1 pesticide each that exceeded an established tolerance. In most cases, these pesticides with no established tolerance were detected at very low levels. Some pesticide residues may have resulted from unintentional spray drift in the field, planting of crops in fields previously treated with the pesticide, or transfer of pesticide residues of postharvest fungicides or growth regulators applied to other commodities stored in the same storage facilities. The pesticide residue levels and commodities are listed in Appendix L.

Appendix A

Commodity History

Appendix A identifies commodities sampled by the Pesticide Data Program (PDP) through December 2015. Updates to this list are posted on the PDP Web site at www.ams.usda.gov/pdp.

APPENDIX A. COMMODITY HISTORY
AS OF DECEMBER 2015

Fresh Commodities

Commodity	Start Date	End Date
Apples [1]	Sep-91	Dec-96
Apples (S-1)	Jan-99	Dec-99
Apples (S-2)	Jan-99	May-99
Apples	Oct-00	Sep-02
Apples (T-1)	Jan-03	Dec-03
Apples	Jan-04	Dec-05
Apples	Jan-09	Dec-10
Apples (B-1)	Aug-12	Oct-12
Apples	Oct-14	Ongoing
Asparagus	Jan-02	Jun-03
Asparagus	Jul-08	Jun-10
Avocados	Jul-12	Dec-12
Bananas	Sep-91	Sep-95
Bananas	Jan-01	Dec-02
Bananas (TSP)	Jul-03	Dec-03
Bananas	Jan-06	Dec-07
Bananas	Apr-12	Mar-14
Blueberries (cultivated) [2]	Jan-07	Dec-08
Blueberries (cultivated) [2]	Jan-14	Dec-14
Broccoli	Oct-92	Dec-94
Broccoli	Jan-01	Dec-02
Broccoli	Oct-06	Sep-08
Broccoli	Jan-13	Dec-14
Cabbage	Jan-10	Dec-11
Cantaloupe	Jul-98	Jun-00
Cantaloupe	Oct-03	Sep-05
Cantaloupe	Jan-10	Mar-10
Cantaloupe	Oct-10	Jun-12
Carrots [1]	Oct-92	Sep-96
Carrots	Oct-00	Sep-02
Carrots	Jan-06	Dec-07
Carrots	Jan-13	Dec-14
Cauliflower	Oct-04	Sep-06
Cauliflower	Oct-11	Sep-13
Celery	Feb-92	Mar-94
Celery	Jan-01	Dec-02
Celery	Jan-07	Dec-08
Celery	Jan-13	Dec-14
Cherries [3]	May-00	Aug-01
Cherries [2]	May-07	Sep-07
Cherries	Apr-14	Ongoing
Cilantro	Oct-09	Sep-10
Cranberries	Oct-06	Dec-06
Cucumbers	Jan-99	Dec-00
Cucumbers	Oct-02	Sep-04
Cucumbers	Jan-09	Dec-10
Cucumbers	Jul-15	Ongoing
Eggplant	Jan-05	Dec-06
Grapefruit	Aug-91	Dec-93
Grapefruit	Jan-05	Dec-06
Grapefruit	Oct-15	Ongoing

Commodity	Start Date	End Date
Grapes [1]	May-91	Dec-96
Grapes	Jan-00	Dec-01
Grapes (TSP)	Jul-03	Dec-03
Grapes	Jan-04	Dec-05
Grapes	Jan-09	Dec-10
Grapes	Jan-15	Ongoing
Green Beans	Feb-92	Dec-95
Green Beans	Jan-00	Dec-01
Green Beans	Apr-04	Mar-05
Green Beans	Jan-07	Dec-08
Green Beans	Jul-13	Ongoing
Green Onions (scallions)	Oct-08	Sep-09
Greens (collard & kale)	Oct-06	Sep-08
Hot Peppers	Oct-10	Sep-11
Lettuce	May-91	Dec-94
Lettuce	Oct-99	Sep-01
Lettuce	Jan-04	Dec-05
Lettuce	Jan-10	Dec-11
Lettuce	Jul-15	Ongoing
Lettuce, Organic	Jan-09	Dec-09
Mangoes	Apr-10	Sep-10
Mushrooms	Oct-01	Sep-03
Mushrooms	Oct-11	Sep-13
Nectarines [4]	Jul-00	Sep-01
Nectarines	Jan-07	Dec-08
Nectarines	Jan-13	Ongoing
Onions	Jan-02	Dec-03
Onions	Oct-11	Sep-12
Oranges [1]	Aug-91	Dec-96
Oranges	Jan-00	Dec-01
Oranges	Jan-04	Dec-05
Oranges	Jan-09	Dec-10
Oranges	Jan-15	Ongoing
Papaya	Jul-11	Jun-12
Peaches	Feb-92	Sep-96
Peaches (S-3)	Jan-00	Sep-00
Peaches [5]	Jan-01	Sep-02
Peaches (T-1)	May-03	Sep-03
Peaches	Oct-06	Sep-08
Peaches (B-1)	Aug-12	Oct-12
Peaches	Jul-13	Jun-15
Pears	Jan-97	Jun-99
Pears (S-1)	Jul-98	Jun-99
Pears	Oct-03	Sep-05
Pears	Jan-09	Dec-10
Pears	Jan-15	Ongoing
Pears (B-1)	Oct-12	Nov-12
Pineapples	Jul-00	Jun-02
Plums [6]	Jan-05	Dec-06
Plums	Oct-11	Sep-13
Potatoes	May-91	Dec-95
Potatoes (S-4)	Dec-96	Dec-97
Potatoes	Jul-00	Jun-02
Potatoes	Jan-08	Dec-09
Potatoes	Jan-15	Ongoing

Commodity	Start Date	End Date
Raspberries [2]	Jan-13	Dec-13
Snap Peas	Jan-11	Dec-12
Spinach [1]	Jan-95	Sep-97
Spinach	Jul-02	Dec-03
Spinach [7]	Jan-06	Sep-06
Spinach	Jan-08	Dec-09
Spinach	Jan-15	Ongoing
Strawberries [2]	Jan-98	Sep-00
Strawberries	Jan-04	Dec-05
Strawberries	Jan-08	Dec-09
Strawberries	Oct-14	Ongoing
Summer Squash	Oct-06	Sep-08
Summer Squash	Oct-12	Sep-14
Sweet Corn (on-the-cob)	Oct-08	Sep-10
Sweet Corn (on-the-cob)	Oct-14	Sep-15
Sweet Bell Peppers	Jan-99	Dec-00
Sweet Bell Peppers	Oct-02	Sep-04
Sweet Bell Peppers	Jan-10	Mar-12
Sweet Potatoes [1]	Jan-96	Jun-98
Sweet Potatoes	Jan-03	Dec-04
Sweet Potatoes	Oct-08	Sep-10
Tangerines	Jan-11	Dec-12
Tomatoes [1]	Jul-96	Jun-99
Tomatoes	Jan-03	Dec-04
Tomatoes	Jan-07	Dec-08
Tomatoes	Oct-14	Ongoing
Tomatoes, Cherry/Grape	Jan-11	Dec-12
Watermelon [8]	Oct-05	Sep-06
Watermelon	Apr-10	Sep-10
Watermelon	Jul-14	Jun-15
Winter Squash [2]	Jan-97	Jun-99
Winter Squash	Jul-04	Jun-06
Winter Squash	Oct-11	Mar-13

[1] Excludes sampling hiatus September - November 1996.

[2] Frozen collected when fresh unavailable.

[3] Sampling adjusted for market availability. Cherries were sampled for 2 years (May-00 - Aug-01) for a total of 6 months.

[4] Sampling adjusted for market availability. Nectarines were sampled for 2 years (Jul-00 - Sep-01) for a total of 6 months.

[5] Sampling adjusted for market availability. Peaches were sampled for 2 years (Jan-01 - Sep-02) for a total of 16 months.

[6] Dried plums (prunes) were collected when fresh plums were not available.

[7] Spinach ended earlier than planned due to the unavailability of product.

[8] Samples collected in California, Florida, and Texas only.

(B-1) Special project testing for bifenthrin in multi-residue screen.

(S-1) Special single serving project testing for organophosphates.

(S-2) Special single serving project testing for carbamates.

(S-3) Special single serving project testing for carbamate, organochlorine, organophosphate, organonitrogen, and sulfur compounds.

(S-4) Special single serving project testing for aldicarb.

(T-1) Triazole parent and metabolite compounds only.

(TSP) Triazole Sampling Project. Samples sent to contract laboratory.

Processed Commodities

Commodity	Start Date	End Date
Apple Juice [1]	Jul-96	Dec-98
Apple Juice	Jan-02	Dec-02
Apple Juice	Jul-07	Jun-08
Apple Juice	Jul-12	Jun-13
Applesauce	Jul-02	Dec-02
Applesauce	Jan-06	Dec-06
Asparagus, Canned	Jul-03	Dec-03
Beans, Canned (4 varieties)	Oct-08	Sep-10
Beets, Canned	Jan-11	Dec-11
Blueberries (cultivated), Frozen [2]	Jan-07	Dec-08
Blueberries (cultivated/wild), Frozen [2]	Jan-14	Dec-14
Cherries, Frozen [2]	Apr-14	Ongoing
Corn Syrup [3]	Jan-98	Jun-99
Grape Juice	Jan-98	Dec-99
Grape Juice	Jan-08	Dec-08
Grape Juice	Oct-13	Sep-14
Green Beans, Canned/Frozen [1]	Jan-96	Jun-98
Green Beans, Canned	Jan-03	Mar-04
Green Beans, Frozen	Apr-05	Dec-05
Green Beans, Canned/Frozen	Jan-14	Dec-14
Orange Juice	Jan-97	Dec-98
Orange Juice	Oct-04	Sep-06
Orange Juice	Oct-10	Sep-11
Orange Juice	Jan-12	Jun-12
Peaches, Canned	Dec-96	Dec-97
Peaches, Canned	Jan-03	Dec-04
Peaches, Canned (T-1)	Jan-03	Mar-03
Peaches, Canned (T-1)	Oct-03	Dec-03
Pear Juice, Concentrate/Puree	Jul-02	Jun-03
Pears, Canned	Jul-99	Jun-00
Peas, Canned/Frozen	Apr-94	Jun-96
Peas, Canned/Frozen [4]	Oct-01	Sep-03
Peas, Frozen	Jan-06	Dec-06
Plums, Dried (Prunes) [5]	Jan-05	Dec-06
Potatoes, Frozen	Jan-06	Dec-07
Raisins	Jul-06	Jun-07
Raspberries, Frozen [2]	Jan-13	Dec-13
Spinach, Canned	Oct-97	Dec-98
Spinach, Frozen	Jan-99	Dec-99
Spinach, Canned	Jan-04	Jun-04
Spinach, Canned/Frozen	Jul-10	Jun-11
Strawberries, Frozen [2]	Jan-98	Sep-00
Sweet Corn, Canned/Frozen	Apr-94	Mar-96
Sweet Corn, Canned/Frozen [4]	Oct-01	Sep-03
Sweet Corn, Frozen [2]	Oct-08	Sep-10

Commodity	Start Date	End Date
Sweet Corn, Frozen [2]	Oct-14	Ongoing
Tomato Paste, Canned	Jan-01	Jun-01
Tomato Paste, Canned	Jan-09	Dec-09
Tomatoes, Canned	Jul-99	Jun-00
Winter Squash, Frozen [2]	Jan-97	Jun-99

Baby Food / Formula Products

Commodity	Start Date	End Date
Baby Food, Applesauce	Jul-12	Jun-13
Baby Food, Carrots	Jan-12	Dec-12
Baby Food, Green Beans	Oct-10	Sep-11
Baby Food, Peaches	Jan-12	Dec-12
Baby Food, Pears	Oct-10	Sep-11
Baby Food, Peas	Jul-12	Jun-13
Baby Food, Sweet Potatoes	Oct-10	Sep-11
Infant Formula, Dairy-Based	Oct-13	Sep-14
Infant Formula, Soy-Based	Oct-13	Sep-14

[1] Excludes sampling hiatus September - November 1996.

[2] Frozen collected when fresh unavailable.

[3] Excludes sampling hiatus January 1999.

[4] Canned samples collected in first year and frozen samples in second year of testing.

[5] Dried plums (prunes) were collected when fresh plums were not available.

(T-1) Triazole parent and metabolite compounds only.

(TSP) Triazole Sampling Project. Samples sent to contract laboratory.

Grains

Commodity	Start Date	End Date
Barley	Oct-01	Sep-03
Corn	Oct-06	Sep-08
Oats	Jul-99	Apr-00
Oats	Jan-10	Jun-10
Oats	Apr-14	Aug-14
Rice	Oct-00	Sep-02
Rice[1]	Oct-08	Sep-09
Rice	Apr-14	Aug-14
Soybeans	Sep-96	Feb-98
Soybeans	Oct-03	Sep-05
Soybeans	Sep-10	Apr-11
Soybeans (S-1)	Oct-05	Dec-05
Wheat	Feb-95	Jan-98
Wheat	Sep-04	Jun-06
Wheat	Jul-12	Sep-12
Wheat Flour	Jan-03	Dec-04
Wheat Flour (T-1)	Jan-03	Dec-03

Nuts and Nut Products

Commodity	Start Date	End Date
Almonds	Jul-07	Mar-08
Peanut Butter	Jan-00	Dec-00
Peanut Butter (TSP)	Jul-03	Dec-03
Peanut Butter	Jan-06	Dec-06
Peanut Butter	Apr-15	Aug-15

Dairy Products

Commodity	Start Date	End Date
Butter	Jan-03	Dec-03
Butter	Jan-12	Dec-13
Heavy Cream	Jul-05	Dec-05
Heavy Cream	Jan-07	Dec-07
Milk [2]	Jan-96	Oct-98
Milk (TSP)	Jul-03	Dec-03
Milk	Jan-04	Dec-05
Milk	Jan-11	Dec-11

Meat / Poultry / Pork Products

Commodity	Type	Start Date	End Date
Poultry	Young Chickens	Apr-00	Mar-01
Poultry	Young & Mature Chickens	Jan-06	Dec-06
Beef	Cows, Heifers, Steers	Jun-01	Jul-02
Beef [3]	Cows, Heifers, Steers	Dec-08	May-09
Pork	Gilt, Barrow	Jan-05	Jun-05

Fish Products

Commodity	Type	Start Date	End Date
Fish [4]	Catfish	Apr-08	Jun-10
Fish	Salmon	Jul-13	Jun-14

Other Products

Commodity	Start Date	End Date
Eggs (TSP)	Jul-03	Dec-03
Eggs	Jul-10	Jun-11
Honey	Oct-07	Sep-08

Drinking Water

States	Start Date	End Date
Finished Water Only (27 sites)		
California, Colorado, Kansas, New York, Texas	Mar-01	Dec-03
Raw Intake and Finished Water (70 sites)	Jan-04	Apr-13
Alabama, Arizona, California, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Missouri, Montana, New Jersey, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, Washington State, and Washington, D.C.		
Bottled Water		
10 Participating States	Jan-05	Dec-06
Groundwater		
1,495 Private Wells in 45 States plus Washington, DC	Jan-07	Feb-13
16 Municipal Water Facilities in 13 States	Mar-10	Feb-13

[1] Includes sampling hiatus May-July 2009.

[2] Excludes sampling hiatus September - November 1996.

[3] Survey ended 7 months early due to budgetary constraints.

[4] Excludes sampling hiatus April-June 2009.

(S-1) Special survey for fungicides used to combat soybean rust.

(T-1) Triazole parent and metabolite compounds only.

(TSP) Triazole Sampling Project. Samples sent to contract laboratory.

Appendix B

Distribution of Residues by Pesticide in Fruit and Vegetables

Appendix B shows residue detections for all fruit and vegetable pesticide/commodity pairs tested, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerances for each pair. The EPA tolerances cited in this summary and appendices apply to 2014 and not to the current year. There may be instances where tolerances have been recently set, modified, or revoked that would have an effect on whether a residue is violative or not.

In 2014, 8,582 fruit and vegetable samples were analyzed, of which 6,953 were fresh products and 1,629 were processed products.

Action Levels (ALs) are shown in this appendix, where applicable, and denote AL values established by the U.S. Food and Drug Administration (FDA). Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of ALs has been transferred to EPA. In the interim, ALs are used.

The Pesticide Data Program reports tolerance violations to FDA as part of an interagency Memorandum of Understanding between the U.S. Department of Agriculture and FDA. Residues reported to FDA are shown in the "Pesticide/Commodity" column to the right of the commodity and are annotated as "X" (if the residue exceeded the established tolerance) or "V" (if the residue did not have a tolerance listed in the Code of Federal Regulations, Title 40, Part 180). In both cases, these annotations are followed by a number indicating the number of samples reported to FDA.

Results for environmental contaminants across all commodities, including fruit and vegetables, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix G).

APPENDIX B. DISTRIBUTION OF RESIDUES BY PESTICIDE IN FRUIT AND VEGETABLES

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
2,4,5-T (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.10 ^	NT
Blueberries, Frozen	5	0			0.10 ^	NT
Celery	348	0			0.10 ^	NT
Strawberries	176	0			0.10 ^	NT
Summer Squash	270	0			0.10 ^	NT
Sweet Corn, Fresh	78	0			0.10 ^	NT
Sweet Corn, Frozen	12	0			0.10 ^	NT
TOTAL	**1,243**	**0**				
2,4-D (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.050 ^	0.2
Blueberries, Frozen	5	0			0.050 ^	0.2
Celery	348	0			0.050 ^	0.4
Strawberries	176	0			0.050 ^	0.05
Summer Squash	270	0			0.050 ^	0.05
Sweet Corn, Fresh	78	0			0.050 ^	0.05
Sweet Corn, Frozen	12	0			0.050 ^	0.05
TOTAL	**1,243**	**0**				
2,4-DB (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.10 ^	NT
Blueberries, Frozen	5	0			0.10 ^	NT
Celery	348	0			0.10 ^	NT
Strawberries	176	0			0.10 ^	NT
Summer Squash	270	0			0.10 ^	NT
Sweet Corn, Fresh	78	0			0.10 ^	NT
Sweet Corn, Frozen	12	0			0.10 ^	NT
TOTAL	**1,243**	**0**				
Abamectin (insecticide, acaricide)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	0.01
Blueberries, Frozen	5	0			0.020 ^	0.01
Celery	348	0			0.020 ^	0.10
Strawberries	176	1	0.6	0.042 ^	0.020 ^	0.05
Summer Squash	270	0			0.020 ^	0.005
Sweet Corn, Fresh	78	0			0.020 ^	0.01
Sweet Corn, Frozen	12	0			0.020 ^	0.01
TOTAL	**1,243**	**1**				
Acephate (insecticide)						
Apples	177	0			0.030 ^	0.02
Bananas	179	0			0.075 ^	0.02
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.15	0.02
Blueberries, Frozen	19	0			0.010 - 0.15	0.02
Broccoli	652	0			0.050 ^	0.02
Carrots	708	0			0.050 ^	0.02
Celery	708	194	27.4	0.005 - 0.64	0.002 - 0.010	10
Cherries, Fresh	228	0			0.15 ^	0.02
Cherries, Frozen	282	0			0.15 ^	0.02
Grape Juice	531	0			0.030 ^	0.02

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Canned	378	40	10.6	0.003 - 0.028	0.002 ^	3.0
Green Beans, Fresh (X-1)	757	135	17.8	0.031 - 3.4	0.030 ^	3.0
Green Beans, Frozen	378	82	21.7	0.003 - 0.30	0.002 ^	3.0
Nectarines	681	0			0.040 ^	0.02
Peaches	707	0			0.010 ^	0.02
Strawberries	176	0			0.005 ^	0.02
Summer Squash (X-1)	531	1	0.2	0.19 ^	0.010 - 0.030	0.02
Sweet Corn, Fresh	134	0			0.005 - 0.030	0.02
Sweet Corn, Frozen	41	0			0.005 - 0.030	0.02
Tomatoes	177	0			0.002 ^	0.02
Watermelon (X-1)	390	1	0.3	0.084 ^	0.030 ^	0.02
TOTAL	**8,522**	**453**				
Acequinocyl (acaricide)						
Green Beans, Fresh	473	0			0.20 ^	0.25
Strawberries (X-5) [1]	176	20	11.4	0.014 - 1.6	0.005 ^	0.50
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**739**	**20**				
Acetamiprid (insecticide)						
Apples	177	58	32.8	0.002 - 0.13	0.002 ^	1.0
Bananas	179	0			0.002 ^	0.01
Blueberries, Cultivated, Fresh	688	74	10.8	0.002 - 0.19	0.002 - 0.003	1.6
Blueberries, Frozen	19	3	15.8	0.002 - 0.072	0.002 - 0.003	1.6
Broccoli	712	1	0.1	0.094 ^	0.010 ^	1.20
Carrots	708	0			0.005 ^	0.01
Celery	708	80	11.3	0.002 - 0.022	0.001 - 0.003	3.00
Cherries, Fresh	228	55	24.1	0.002 - 0.23	0.002 ^	1.20
Cherries, Frozen	282	203	72	0.002 - 0.11	0.002 ^	1.20
Grape Juice	501	0			0.003 ^	0.35
Green Beans, Canned	378	0			0.001 ^	0.60
Green Beans, Fresh	757	10	1.3	0.002 - 0.070	0.002 ^	0.60
Green Beans, Frozen	378	0			0.001 ^	0.60
Nectarines	681	97	14.2	0.017 - 0.096	0.010 ^	1.20
Peaches	707	77	10.9	0.010 - 0.11	0.010 ^	1.20
Strawberries	176	52	29.5	0.003 - 0.31	0.003 ^	0.60
Summer Squash	531	8	1.5	0.003 - 0.032	0.003 - 0.020	0.50
Sweet Corn, Fresh	134	0			0.002 - 0.003	0.01
Sweet Corn, Frozen	41	0			0.002 - 0.003	0.01
Tomatoes	177	15	8.5	0.002 - 0.044	0.001 ^	0.20
Watermelon	390	3	0.8	0.002 ^	0.002 ^	0.50
TOTAL	**8,552**	**736**				
Acetochlor (herbicide)						
Apples	177	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Grape Juice	531	0			0.005 ^	NT
Green Beans, Fresh	757	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Fresh	134	0			0.005 ^	0.05
Sweet Corn, Frozen	41	0			0.005 ^	0.05
Watermelon	390	0			0.005 ^	NT
TOTAL	**3,183**	**0**				
Acibenzolar S methyl (plant activator)						
Apples	177	0			0.020 ^	0.05
Celery	360	0			0.004 - 0.012	0.25
Green Beans, Canned	378	0			0.004 - 0.012	NT
Green Beans, Fresh	757	0			0.020 ^	NT
Green Beans, Frozen	357	0			0.004 - 0.012	NT
Summer Squash	261	0			0.10 ^	2.0
Sweet Corn, Fresh	56	0			0.005 ^	NT
Sweet Corn, Frozen	29	0			0.005 ^	NT
Tomatoes	177	0			0.004 ^	1.0
Watermelon	390	0			0.020 ^	2.0
TOTAL	**2,942**	**0**				
Acifluorfen (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.050 ^	NT
Blueberries, Frozen	5	0			0.050 ^	NT
Celery	348	0			0.050 ^	NT
Strawberries	176	0			0.050 ^	0.05
Summer Squash	270	0			0.050 ^	NT
Sweet Corn, Fresh	78	0			0.050 ^	NT
Sweet Corn, Frozen	12	0			0.050 ^	NT
TOTAL	**1,243**	**0**				
Acrinathrin (insecticide, acaricide)						
Apples	177	0			0.010 ^	NT
Grape Juice	531	0			0.010 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**1,098**	**0**				
Alachlor (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	708	0			0.002 - 0.005	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Fresh	757	0			0.020 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.020	0.05
Sweet Corn, Frozen	41	0			0.005 - 0.020	0.05
Tomatoes	177	0			0.002 ^	NT
TOTAL	**3,378**	**0**				
Aldicarb (insecticide)						
Bananas	179	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.020	NT
Blueberries, Frozen	19	0			0.010 - 0.020	NT
Broccoli	712	0			0.010 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Celery	708	0			0.003 - 0.010	NT
Cherries, Fresh	228	0			0.020 ^	NT
Cherries, Frozen	282	0			0.020 ^	NT
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Nectarines	681	0			0.003 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.001 - 0.003	NT
TOTAL	**5,673**	**0**				
Aldicarb sulfone (metabolite of Aldicarb)						
Apples	177	0			0.005 ^	NT
Bananas	179	0			0.025 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.025	NT
Blueberries, Frozen	19	0			0.010 - 0.025	NT
Broccoli	712	0			0.010 ^	NT
Celery	708	0			0.003 - 0.010	NT
Cherries, Fresh	228	0			0.025 ^	NT
Cherries, Frozen	282	0			0.025 ^	NT
Grape Juice	531	0			0.005 ^	NT
Green Beans, Canned	378	0			0.010 ^	NT
Green Beans, Frozen	378	0			0.010 ^	NT
Nectarines	681	0			0.050 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.003 ^	NT
Watermelon	390	0			0.005 ^	NT
TOTAL	**6,771**	**0**				
Aldicarb sulfoxide (metabolite of Aldicarb)						
Apples	177	0			0.005 ^	NT
Bananas	179	0			0.050 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.051	NT
Blueberries, Frozen	19	0			0.010 - 0.051	NT
Broccoli	674	0			0.010 ^	NT
Celery	708	0			0.002 - 0.010	NT
Cherries, Fresh	228	0			0.051 ^	NT
Cherries, Frozen	282	0			0.051 ^	NT
Grape Juice	531	0			0.005 ^	NT
Green Beans, Canned	378	0			0.006 ^	NT
Green Beans, Frozen	378	0			0.006 ^	NT
Nectarines	681	0			0.050 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.005 ^	NT
TOTAL	**6,733**	**0**				
Allethrin (insecticide)						
Bananas	179	0			0.080 ^	EX
Blueberries, Cultivated, Fresh	688	0			0.020 - 0.080	EX
Blueberries, Frozen	19	0			0.020 - 0.080	EX
Broccoli	712	0			0.020 ^	EX
Carrots	708	0			0.016 ^	EX
Celery	348	0			0.020 ^	EX
Cherries, Fresh	228	0			0.080 ^	EX
Cherries, Frozen	282	0			0.080 ^	EX
Green Beans, Fresh	757	0			0.050 ^	EX
Nectarines	681	0			0.016 ^	EX
Peaches	707	0			0.020 ^	EX
Strawberries	176	0			0.010 ^	EX
Summer Squash	531	0			0.020 - 0.10	EX
Sweet Corn, Fresh	134	0			0.010 - 0.050	EX
Sweet Corn, Frozen	41	0			0.010 - 0.050	EX
TOTAL	**6,191**	**0**				
Ametoctradin (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	1	0.3	0.003 ^	0.003 ^	40.0
Green Beans, Fresh	757	0			0.001 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	531	7	1.3	0.004 - 0.052	0.003 - 0.005	3.0
Sweet Corn, Fresh	134	0			0.001 - 0.003	NT
Sweet Corn, Frozen	41	0			0.001 - 0.003	NT
Tomatoes	177	0			0.001 ^	1.5
TOTAL	**2,523**	**8**				
Ametryn (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.005 ^	0.25
Sweet Corn, Frozen	41	0			0.005 ^	0.25
TOTAL	**2,035**	**0**				
Atrazine (herbicide)						
Apples	177	0			0.002 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	3	0.4	0.002 ^	0.001 - 0.005	0.25
Grape Juice	442	0			0.002 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.20
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.20
Tomatoes	177	0			0.001 ^	NT
Watermelon	296	0			0.002 ^	NT
TOTAL	**4,955**	**3**				
Avermectin (insecticide, acaricide)						
Carrots	708	0			0.030 ^	0.01
Nectarines	681	0			0.050 ^	0.09
TOTAL	**1,389**	**0**				
Azinphos (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Azinphos methyl (insecticide)						
Apples	177	0			0.010 ^	1.5
Bananas	179	0			0.004 ^	NT
Blueberries, Cultivated, Fresh	688	11	1.6	0.006 - 0.26	0.004 - 0.005	5.0
Blueberries, Frozen	19	0			0.004 - 0.005	5.0
Carrots	708	0			0.015 ^	NT
Celery	708	0			0.005 - 0.012	NT
Cherries, Fresh	228	0			0.004 ^	2.0
Cherries, Frozen	282	3	1.1	0.006 - 0.012	0.004 ^	2.0
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.012 ^	NT
Green Beans, Fresh	757	0			0.020 ^	NT
Green Beans, Frozen	378	0			0.012 ^	NT
Nectarines	681	5	0.7	0.008 - 0.020	0.005 ^	2.0
Peaches	707	4	0.6	0.026 - 0.037	0.020 ^	2.0
Strawberries	176	0			0.005 ^	NT
Summer Squash	531	0			0.005 - 0.090	NT
Sweet Corn, Fresh	134	0			0.005 - 0.020	NT
Sweet Corn, Frozen	41	0			0.005 - 0.020	NT
Tomatoes	177	0			0.012 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**7,870**	**23**				
Azinphos methyl oxygen analog (metabolite of Azinphos methyl)						
Apples	177	0			0.010 ^	1.5
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	3	0.4	0.003 - 0.004	0.003 - 0.010	5.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Blueberries, Frozen	19	0			0.003 - 0.010	5.0
Carrots	708	0			0.008 ^	NT
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.003 ^	2.0
Cherries, Frozen	282	1	0.4	0.003 ^	0.003 ^	2.0
Grape Juice	501	0			0.010 ^	NT
Green Beans, Fresh	757	0			0.003 ^	NT
Nectarines	681	0			0.001 - 0.003	2.0
Strawberries	176	0			0.010 ^	NT
Summer Squash	531	0			0.010 - 0.015	NT
Sweet Corn, Fresh	134	0			0.003 - 0.010	NT
Sweet Corn, Frozen	41	0			0.003 - 0.010	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**5,840**	**4**				
Azoxystrobin (fungicide)						
Apples	177	0			0.002 ^	NT
Bananas	179	27	15.1	0.005 - 0.028	0.005 ^	2.0
Blueberries, Cultivated, Fresh	688	123	17.9	0.003 - 1.0	0.003 - 0.005	5.0
Blueberries, Frozen	19	2	10.5	0.013 - 0.055	0.003 - 0.005	5.0
Broccoli	712	52	7.3	0.002 - 0.65	0.002 ^	3.0
Carrots	707	98	13.9	0.003 - 0.044	0.002 ^	0.5
Celery	708	68	9.6	0.002 - 0.57	0.001 - 0.003	30.0
Cherries, Fresh	228	4	1.8	0.038 - 0.10	0.005 ^	1.5
Cherries, Frozen	282	20	7.1	0.006 - 0.31	0.005 ^	1.5
Grape Juice	530	0			0.003 ^	2.0
Green Beans, Canned	378	4	1.1	0.002 - 0.007	0.001 ^	3.0
Green Beans, Fresh	757	217	28.7	0.001 - 0.28	0.001 ^	3.0
Green Beans, Frozen	378	44	11.6	0.002 - 0.016	0.001 ^	3.0
Nectarines	681	27	4	0.002 - 0.025	0.001 ^	1.5
Peaches	707	20	2.8	0.002 - 0.28	0.002 ^	1.5
Strawberries	176	34	19.3	0.003 - 0.37	0.003 ^	10.0
Summer Squash	531	2	0.4	0.004 - 0.012	0.003 - 0.005	0.3
Sweet Corn, Fresh	134	0			0.003 - 0.010	0.05
Sweet Corn, Frozen	41	0			0.003 - 0.010	0.05
Tomatoes	177	36	20.3	0.002 - 0.023	0.001 - 0.003	0.2
Watermelon	390	0			0.002 ^	0.3
TOTAL	**8,580**	**778**				
Benalaxyl (fungicide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**266**	**0**				
Benazolin (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.050 ^	NT
Blueberries, Frozen	5	0			0.050 ^	NT
Celery	348	0			0.050 ^	NT
Strawberries	176	0			0.050 ^	NT
Summer Squash	270	0			0.050 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Fresh	78	0			0.050 ^	NT
Sweet Corn, Frozen	12	0			0.050 ^	NT
TOTAL	**1,243**	**0**				
Bendiocarb (insecticide)						
Apples	177	0			0.003 ^	SU
Bananas	179	0			0.009 ^	SU
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.010	SU
Blueberries, Frozen	19	0			0.005 - 0.010	SU
Broccoli	712	0			0.005 ^	SU
Carrots	708	0			0.002 ^	SU
Celery	708	0			0.001 - 0.015	SU
Cherries, Fresh	228	0			0.010 ^	SU
Cherries, Frozen	282	0			0.010 ^	SU
Grape Juice	531	0			0.003 ^	SU
Green Beans, Canned	378	0			0.001 ^	SU
Green Beans, Fresh	757	0			0.015 ^	SU
Green Beans, Frozen	378	0			0.001 ^	SU
Nectarines	681	0			0.001 ^	SU
Peaches	707	0			0.005 ^	SU
Strawberries	176	0			0.003 ^	SU
Summer Squash	531	0			0.005 - 0.015	SU
Sweet Corn, Fresh	134	0			0.003 - 0.015	SU
Sweet Corn, Frozen	41	0			0.003 - 0.015	SU
Tomatoes	177	0			0.001 ^	SU
Watermelon	390	0			0.003 ^	SU
TOTAL	**8,582**	**0**				
Benfluralin (herbicide)						
Apples	177	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Grape Juice	531	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**2,341**	**0**				
Benoxacor (herbicide safener)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.012 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.012	0.01
Blueberries, Frozen	19	0			0.010 - 0.012	0.01
Carrots	708	0			0.015 ^	0.01
Celery	708	0			0.001 - 0.010	0.01
Cherries, Fresh	228	0			0.012 ^	NT
Cherries, Frozen	282	0			0.012 ^	NT
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.001 ^	0.01
Green Beans, Fresh	757	0			0.020 ^	0.01

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Frozen	378	0			0.001 ^	0.01
Nectarines	681	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.010 - 0.020	0.01
Sweet Corn, Frozen	41	0			0.010 - 0.020	0.01
Tomatoes	177	0			0.001 ^	0.01
Watermelon	390	0			0.010 ^	0.01
TOTAL	**6,902**	**0**				
Bensulide (herbicide)						
Apples	177	0			0.004 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 - 0.010	NT
Blueberries, Frozen	5	0			0.005 - 0.010	NT
Carrots	708	0			0.003 ^	0.10
Celery	348	1	0.3	0.008 ^	0.005 ^	0.15
Grape Juice	531	0			0.004 ^	NT
Green Beans, Fresh	757	0			0.015 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	531	0			0.005 ^	0.15
Sweet Corn, Fresh	134	0			0.005 - 0.015	NT
Sweet Corn, Frozen	41	0			0.005 - 0.015	NT
Watermelon	390	0			0.004 ^	0.15
TOTAL	**4,152**	**1**				
Bensulide oxygen analog (metabolite of Bensulide)						
Apples	177	0			0.002 ^	NT
Carrots	708	0			0.002 ^	0.10
Grape Juice	531	0			0.002 ^	NT
Green Beans, Fresh	757	0			0.002 ^	NT
Summer Squash	261	0			0.005 ^	0.15
Sweet Corn, Fresh	56	0			0.002 ^	NT
Sweet Corn, Frozen	29	0			0.002 ^	NT
Watermelon	390	0			0.002 ^	0.15
TOTAL	**2,909**	**0**				
Bentazon (herbicide)						
Bananas	179	0			0.015 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.030	NT
Blueberries, Frozen	19	0			0.003 - 0.030	NT
Celery	348	0			0.003 ^	NT
Cherries, Fresh	228	0			0.030 ^	NT
Cherries, Frozen	282	0			0.030 ^	NT
Green Beans, Fresh	757	0			0.10 ^	0.5
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.10	0.05
Sweet Corn, Frozen	41	0			0.003 - 0.10	0.05
TOTAL	**3,122**	**0**				
Benthiavalicarb isopropyl (fungicide)						
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Blueberries, Frozen	14	0			0.005 ^	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
TOTAL	**1,037**	**0**				
Bifenazate (acaricide)						
Blueberries, Cultivated, Fresh	334	0			0.005 ^	1.5
Blueberries, Frozen	14	0			0.005 ^	1.5
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.005 ^	2.5
Cherries, Frozen	282	0			0.005 ^	2.5
Strawberries	176	34	19.3	0.003 - 1.5	0.003 ^	1.5
Summer Squash	270	0			0.005 ^	0.75
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,742**	**34**				
Bifenox (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Bifenthrin (insecticide)						
Apples	177	3	1.7	0.010 - 0.20	0.002 ^	0.5
Bananas	179	0			0.008 ^	0.1
Blueberries, Cultivated, Fresh	688	53	7.7	0.013 - 0.77	0.008 - 0.010	1.8
Blueberries, Frozen	19	2	10.5	0.014 - 0.034	0.008 - 0.010	1.8
Broccoli	712	5	0.7	0.011 - 0.066	0.005 ^	0.6
Carrots	708	3	0.4	0.002 - 0.003	0.001 ^	0.10
Celery	708	34	4.8	0.003 - 0.080	0.002 - 0.010	3.0
Cherries, Fresh	228	0			0.008 ^	0.05
Cherries, Frozen	282	0			0.008 ^	0.05
Grape Juice	531	0			0.005 ^	0.2
Green Beans, Canned	378	197	52.1	0.003 - 0.056	0.002 ^	0.6
Green Beans, Fresh	757	52	6.9	0.040 - 0.36	0.040 ^	0.6
Green Beans, Frozen	378	166	43.9	0.003 - 0.064	0.002 ^	0.6
Nectarines	681	10	1.5	0.002 - 0.13	0.001 ^	0.5
Peaches	707	1	0.1	0.11 ^	0.005 ^	0.5
Strawberries	176	73	41.5	0.010 - 0.21	0.010 ^	3.0
Summer Squash	531	5	0.9	0.013 - 0.046	0.010 - 0.020	0.4
Sweet Corn, Fresh	134	0			0.010 - 0.040	0.05
Sweet Corn, Frozen	41	0			0.010 - 0.040	0.05
Tomatoes	177	30	16.9	0.002 - 0.024	0.001 ^	0.15
Watermelon	390	31	7.9	0.002 - 0.009	0.002 - 0.005	0.4
TOTAL	**8,582**	**665**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Bitertanol (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.040 ^	NT
Blueberries, Frozen	5	0			0.040 ^	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.040 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.040 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
TOTAL	**2,662**	**0**				
Boscalid (fungicide)						
Apples	177	35	19.8	0.003 - 0.14	0.003 ^	3.0
Bananas	179	0			0.013 ^	0.40
Blueberries, Cultivated, Fresh	688	264	38.4	0.005 - 1.7	0.005 - 0.013	13.0
Blueberries, Frozen	19	15	78.9	0.006 - 1.0	0.005 - 0.013	13.0
Broccoli	712	13	1.8	0.010 - 0.088	0.010 ^	3.0
Carrots	708	149	21	0.025 - 0.15	0.015 ^	1.0
Celery	708	96	13.6	0.005 - 0.17	0.005 - 0.006	45
Cherries, Fresh	228	131	57.5	0.013 - 0.17	0.013 ^	3.5
Cherries, Frozen	282	69	24.5	0.013 - 0.18	0.013 ^	3.5
Grape Juice	531	11	2.1	0.003 - 0.084	0.003 ^	5.0
Green Beans, Canned	378	10	2.6	0.010 ^	0.006 - 0.020	1.6
Green Beans, Fresh	757	29	3.8	0.005 - 0.19	0.005 ^	1.6
Green Beans, Frozen	378	28	7.4	0.010 - 0.13	0.006 - 0.040	1.6
Nectarines	679	91	13.4	0.002 - 0.21	0.001 - 0.003	3.5
Peaches	707	112	15.8	0.011 - 0.46	0.010 ^	3.5
Strawberries	176	107	60.8	0.006 - 0.68	0.005 ^	4.5
Summer Squash	531	5	0.9	0.005 - 0.025	0.005 - 0.015	1.6
Sweet Corn, Fresh	134	0			0.005 ^	0.20
Sweet Corn, Frozen	41	0			0.005 ^	0.20
Tomatoes	177	13	7.3	0.021 - 0.079	0.020 ^	3.0
Watermelon	390	5	1.3	0.004 - 0.010	0.003 ^	1.6
TOTAL	**8,580**	**1,183**				
Bromacil (herbicide)						
Apples	177	0			0.003 ^	NT
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.020	NT
Blueberries, Frozen	19	0			0.010 - 0.020	NT
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.020 ^	NT
Cherries, Frozen	282	0			0.020 ^	NT
Grape Juice	531	0			0.003 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	48	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Watermelon	390	0			0.003 ^	NT
TOTAL	**3,348**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Bromopropylate (acaricide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.010 ^	NT
Nectarines	681	0			0.001 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**3,343**	**0**				
Bromuconazole (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Bupirimate (fungicide)						
Apples	177	0			0.001 ^	NT
Bananas	179	0			0.002 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.002 - 0.040	NT
Blueberries, Frozen	19	0			0.002 - 0.040	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.040 ^	NT
Cherries, Fresh	228	0			0.002 ^	NT
Cherries, Frozen	282	0			0.002 ^	NT
Grape Juice	531	0			0.001 ^	NT
Nectarines	681	0			0.003 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.040 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**5,478**	**0**				
Buprofezin (insecticide)						
Apples	177	2	1.1	0.004 ^	0.001 - 0.002	3.0
Bananas	179	39	21.8	0.001 - 0.055	0.001 ^	0.20
Blueberries, Cultivated, Fresh	688	1	0.1	0.001 ^	0.001 - 0.005	2.5
Blueberries, Frozen	19	0			0.001 - 0.005	2.5
Broccoli	712	5	0.7	0.010 - 0.057	0.010 ^	12.0
Celery	708	26	3.7	0.002 - 0.040	0.001 - 0.005	35
Cherries, Fresh	228	33	14.5	0.001 - 0.077	0.001 ^	1.9
Cherries, Frozen	282	57	20.2	0.001 - 0.035	0.001 ^	1.9
Grape Juice	531	0			0.001 ^	2.5
Green Beans, Canned	378	0			0.001 ^	0.02

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Fresh	757	6	0.8	0.001 - 0.009	0.001 ^	0.02
Green Beans, Frozen	378	0			0.001 ^	0.02
Nectarines	681	41	6	0.002 - 0.015	0.001 ^	9.0
Peaches	707	9	1.3	0.013 - 0.090	0.010 ^	9.0
Strawberries	176	3	1.7	0.007 - 1.1	0.003 ^	2.5
Summer Squash	531	6	1.1	0.006 - 0.025	0.005 ^	0.50
Sweet Corn, Fresh	134	0			0.001 - 0.003	NT
Sweet Corn, Frozen	41	0			0.001 - 0.003	NT
Tomatoes	177	21	11.9	0.002 - 0.030	0.001 ^	2.0
Watermelon	390	0			0.001 ^	0.50
TOTAL	**7,874**	**249**				
Butocarboxim (insecticide, acaricide)						
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.010 ^	NT
Blueberries, Frozen	14	0			0.010 ^	NT
Broccoli	712	0			0.010 ^	NT
Cherries, Fresh	228	0			0.010 ^	NT
Cherries, Frozen	282	0			0.010 ^	NT
Nectarines	681	0			0.001 ^	NT
Peaches	707	0			0.010 ^	NT
TOTAL	**3,137**	**0**				
Butocarboxim sulfone (metabolite of Butocarboxim)						
Bananas	179	0			0.021 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.011 ^	NT
Blueberries, Frozen	14	0			0.011 ^	NT
Cherries, Fresh	228	0			0.011 ^	NT
Cherries, Frozen	282	0			0.011 ^	NT
TOTAL	**1,037**	**0**				
Butocarboxim sulfoxide (metabolite of Butocarboxim)						
Bananas	179	0			0.006 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.006 ^	NT
Blueberries, Frozen	14	0			0.006 ^	NT
Cherries, Fresh	228	0			0.006 ^	NT
Cherries, Frozen	282	0			0.006 ^	NT
Nectarines	681	0			0.030 ^	NT
TOTAL	**1,718**	**0**				
Butylate (herbicide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	0.1
Sweet Corn, Frozen	12	0			0.005 ^	0.1
TOTAL	**266**	**0**				
Cadusafos (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Captan (fungicide) (parent of THPI)						
Bananas	179	0			0.19 ^	NT
Carrots	708	0			0.050 ^	0.05
Nectarines	681	9	1.3	0.083 - 1.0	0.050 ^	25.0
Peaches	707	49	6.9	0.021 - 3.7	0.020 ^	15.0
TOTAL	**2,275**	**58**				
Carbaryl (insecticide)						
Apples	177	1	0.6	0.16 ^	0.003 ^	12
Bananas	179	0			0.005 ^	5.0
Blueberries, Cultivated, Fresh	688	7	1	0.005 - 1.3	0.003 - 0.005	3.0
Blueberries, Frozen	19	0			0.003 - 0.005	3.0
Broccoli	712	0			0.010 ^	10
Carrots	708	0			0.002 ^	2.0
Celery	708	1	0.1	0.25 ^	0.001 - 0.005	3.0
Cherries, Fresh	228	12	5.3	0.003 - 0.24	0.003 ^	10
Cherries, Frozen	282	33	11.7	0.003 - 0.73	0.003 ^	10
Grape Juice	502	101	20.1	0.003 - 0.012	0.003 ^	10
Green Beans, Canned	378	0			0.001 ^	10
Green Beans, Fresh	757	9	1.2	0.007 - 0.40	0.002 ^	10
Green Beans, Frozen	378	0			0.001 ^	10
Nectarines	681	3	0.4	0.071 - 0.61	0.004 ^	10
Peaches	707	8	1.1	0.034 - 1.4	0.010 ^	10
Strawberries	176	1	0.6	1.7 ^	0.003 ^	4.0
Summer Squash	531	1	0.2	0.038 ^	0.005 - 0.020	3.0
Sweet Corn, Fresh	134	0			0.002 - 0.003	0.1
Sweet Corn, Frozen	41	0			0.002 - 0.003	0.1
Tomatoes	177	0			0.001 ^	5.0
Watermelon	359	0			0.003 ^	3.0
TOTAL	**8,522**	**177**				
Carbendazim - MBC (fungicide) (metabolite of Benomyl and Thiophanate Methyl)						
Apples	177	26	14.7	0.001 - 0.20	0.001 ^	2.0
Bananas	179	0			0.005 ^	2.0
Blueberries, Cultiv., Fresh (V-2)	688	2	0.3	0.021 - 0.073	0.005 ^	NT
Blueberries, Frozen	19	0			0.005 ^	NT
Broccoli	712	0			0.010 ^	NT
Carrots (V-1)	708	1	0.1	0.005 ^	0.003 ^	NT
Celery	708	0			0.001 - 0.005	NT
Cherries, Fresh	228	8	3.5	0.006 - 0.14	0.005 ^	20.0
Cherries, Frozen	282	90	31.9	0.006 - 0.33	0.005 ^	20.0
Grape Juice	531	3	0.6	0.001 ^	0.001 ^	5.0
Green Beans, Canned	378	181	47.9	0.002 - 0.057	0.001 ^	2.0
Green Beans, Frozen	378	182	48.1	0.002 - 0.095	0.001 ^	2.0
Nectarines	681	16	2.3	0.005 - 0.12	0.003 ^	3.0
Peaches	707	24	3.4	0.012 - 0.15	0.010 ^	3.0
Strawberries	176	54	30.7	0.003 - 0.27	0.003 ^	7.0
Summer Squash	270	3	1.1	0.008 - 0.010	0.005 ^	1.0
Sweet Corn, Fresh	78	0			0.003 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes (V-17)	177	17	9.6	0.002 - 0.037	0.001 ^	NT
Watermelon	390	24	6.2	0.001 - 0.013	0.001 ^	1.0
TOTAL	**7,479**	**631**				
Carbofuran (insecticide) (parent of 3-Hydroxycarbofuran)						
Apples	177	0			0.002 ^	NT
Bananas	179	0			0.006 ^	0.1
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.006	NT
Blueberries, Frozen	19	0			0.005 - 0.006	NT
Broccoli	712	0			0.010 ^	NT
Carrots	708	0			0.001 ^	NT
Celery	708	0			0.001 - 0.005	NT
Cherries, Fresh	228	0			0.006 ^	NT
Cherries, Frozen	282	0			0.006 ^	NT
Grape Juice	531	0			0.003 ^	0.4
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Fresh	757	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	681	0			0.001 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	0.5
Summer Squash	531	0			0.005 ^	0.8
Sweet Corn, Fresh	134	0			0.001 - 0.003	1.0
Sweet Corn, Frozen	41	0			0.001 - 0.003	1.0
Tomatoes	177	0			0.001 ^	NT
Watermelon	359	0			0.002 ^	0.4
TOTAL	**8,551**	**0**				
Carbophenothion (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	708	0			0.002 - 0.010	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	357	0			0.002 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Tomatoes	177	0			0.002 ^	NT
TOTAL	**2,515**	**0**				
Carbophenothion methyl (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Carboxin (fungicide)						
Blueberries, Cultivated, Fresh	325	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.050	0.2
Sweet Corn, Frozen	41	0			0.005 - 0.050	0.2
TOTAL	**1,299**	**0**				
Carfentrazone (herbicide)						
Apples	177	0			0.005 ^	0.10
Bananas	179	0			0.016 ^	0.20
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.016	0.10
Blueberries, Frozen	19	0			0.003 - 0.016	0.10
Broccoli	712	0			0.005 ^	0.10
Carrots	708	0			0.002 ^	0.10
Celery	708	0			0.003 - 0.015	0.10
Cherries, Fresh	228	0			0.016 ^	0.10
Cherries, Frozen	282	0			0.016 ^	0.10
Grape Juice	531	0			0.005 ^	0.10
Green Beans, Canned	378	0			0.005 ^	0.10
Green Beans, Fresh	757	0			0.005 ^	0.10
Green Beans, Frozen	378	0			0.005 - 0.015	0.10
Nectarines	681	0			0.002 ^	0.10
Peaches	707	0			0.005 ^	0.10
Strawberries	176	0			0.003 ^	0.10
Summer Squash	502	0			0.003 - 0.005	0.10
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.10
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.10
Tomatoes	177	0			0.005 ^	0.10
Watermelon	390	0			0.005 ^	0.10
TOTAL	**8,553**	**0**				
Chlorantraniliprole (insecticide)						
Apples	177	42	23.7	0.010 - 0.044	0.010 ^	1.2
Blueberries, Cultivated, Fresh	354	10	2.8	0.011 - 0.32	0.010 ^	2.5
Blueberries, Frozen	5	0			0.010 ^	2.5
Broccoli	712	7	1	0.020 - 0.092	0.020 ^	4.0
Carrots	708	0			0.005 ^	0.30
Celery	708	221	31.2	0.003 - 0.24	0.002 - 0.010	13
Grape Juice	531	0			0.010 ^	2.5
Green Beans, Canned	378	0			0.002 ^	2.0
Green Beans, Fresh	757	58	7.7	0.001 - 0.042	0.001 ^	2.0
Green Beans, Frozen	378	3	0.8	0.003 ^	0.002 ^	2.0
Nectarines	681	6	0.9	0.083 ^	0.050 ^	4.0
Peaches	707	111	15.7	0.020 - 0.12	0.020 ^	4.0
Strawberries	176	39	22.2	0.010 - 0.12	0.010 ^	1.0
Summer Squash	531	2	0.4	0.006 ^	0.005 - 0.010	0.5
Sweet Corn, Fresh	134	0			0.001 - 0.010	0.02
Sweet Corn, Frozen	41	0			0.001 - 0.010	0.02

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	42	23.7	0.003 - 0.027	0.002 ^	1.4
Watermelon	390	1	0.3	0.012 ^	0.010 ^	0.5
TOTAL	**7,545**	**542**				
Chlorethoxyfos (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.01
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.01
TOTAL	**1,328**	**0**				
Chlorfenapyr (insecticide)						
Apples	177	0			0.015 ^	0.01
Bananas	179	0			0.040 ^	0.01
Blueberries, Cultivated, Fresh	688	0			0.040 - 0.25	0.01
Blueberries, Frozen	19	0			0.040 - 0.25	0.01
Broccoli	712	0			0.005 ^	0.01
Carrots	708	0			0.050 ^	0.01
Celery	708	0			0.002 - 0.25	0.01
Cherries, Fresh	228	0			0.040 ^	0.01
Cherries, Frozen	282	0			0.040 ^	0.01
Grape Juice	531	0			0.015 ^	0.01
Green Beans, Canned	378	0			0.002 ^	0.01
Green Beans, Fresh (X-1)	757	1	0.1	0.071 ^	0.025 ^	0.01
Green Beans, Frozen	378	0			0.002 ^	0.01
Nectarines	681	0			0.025 ^	0.01
Peaches	707	0			0.005 ^	0.01
Strawberries	176	0			0.25 ^	0.01
Summer Squash	531	0			0.050 - 0.25	0.01
Sweet Corn, Fresh	134	0			0.025 - 0.25	0.01
Sweet Corn, Frozen	41	0			0.025 - 0.25	0.01
Tomatoes	177	21	11.9	0.004 - 0.36	0.002 ^	1.0
Watermelon	390	0			0.015 ^	0.01
TOTAL	**8,582**	**22**				
Chlorfenvinphos (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	708	0			0.004 - 0.010	NT
Green Beans, Canned	378	0			0.004 ^	NT
Green Beans, Frozen	378	0			0.004 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Tomatoes	177	0			0.004 ^	NT
TOTAL	**2,536**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Chlorimuron ethyl (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	0.02
Blueberries, Frozen	5	0			0.020 ^	0.02
Celery	348	0			0.020 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Chlorobenzilate (acaricide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Chloroneb (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Chlorothalonil (fungicide)						
Apples	177	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	354	6	1.7	0.021 - 0.11	0.010 ^	1.0
Blueberries, Frozen	5	0			0.010 ^	1.0
Celery	348	107	30.7	0.010 - 0.60	0.010 ^	15
Peaches	677	7	1	0.006 - 0.029	0.005 ^	0.5
Strawberries (V-2)	176	2	1.1	0.036 - 0.14	0.010 ^	NT
Summer Squash	270	20	7.4	0.011 - 0.22	0.010 ^	5.0
Watermelon	390	0			0.020 ^	5.0
TOTAL	**2,397**	**142**				
Chlorpropham (herbicide, growth regulator)						
Apples	177	0			0.020 ^	NT
Bananas	179	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.020	NT
Blueberries, Frozen	19	0			0.005 - 0.020	NT
Broccoli (V-2)	712	2	0.3	0.006 - 0.010	0.005 ^	NT
Celery (V-1)	708	1	0.1	0.002 ^	0.001 - 0.005	NT
Cherries, Fresh	228	0			0.020 ^	NT
Cherries, Frozen	282	0			0.020 ^	NT
Grape Juice	531	0			0.020 ^	NT
Green Beans, Canned	378	0			0.001 - 0.003	NT
Green Beans, Fresh	757	0			0.020 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Frozen (V-1)	378	1	0.3	0.035 ^	0.001 ^	NT
Nectarines	681	0			0.060 ^	NT
Peaches (V-2)	677	2	0.3	0.008 - 0.043	0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	531	0			0.005 - 0.20	NT
Sweet Corn, Fresh	134	0			0.005 ^	NT
Sweet Corn, Frozen	41	0			0.005 ^	NT
Tomatoes (V-8)	177	8	4.5	0.002 - 0.058	0.001 ^	NT
Watermelon	390	0			0.020 ^	NT
TOTAL	**7,844**	**14**				
Chlorpyrifos (insecticide)						
Apples	177	0			0.005 ^	0.01
Bananas	179	0			0.005 ^	0.1
Blueberries, Cultivated, Fresh	688	0			0.010 ^	0.1
Blueberries, Frozen	19	0			0.010 ^	0.1
Broccoli	712	3	0.4	0.007 - 0.014	0.005 ^	1.0
Carrots	708	0			0.006 ^	0.1
Celery	708	3	0.4	0.002 - 0.022	0.001 - 0.010	0.1
Cherries, Fresh	228	0			0.010 ^	1.0
Cherries, Frozen	282	1	0.4	0.018 ^	0.010 ^	1.0
Grape Juice	531	0			0.005 ^	0.01
Green Beans, Canned	378	0			0.001 ^	0.05
Green Beans, Fresh	757	0			0.035 ^	0.05
Green Beans, Frozen	378	1	0.3	0.017 ^	0.001 ^	0.05
Nectarines	681	33	4.8	0.005 - 0.040	0.003 ^	0.05
Peaches (X-1)	707	32	4.5	0.005 - 0.065	0.005 ^	0.05
Strawberries	176	1	0.6	0.005 ^	0.005 ^	0.2
Summer Squash	531	1	0.2	0.011 ^	0.010 - 0.075	0.1
Sweet Corn, Fresh	134	0			0.005 - 0.035	0.05
Sweet Corn, Frozen	41	0			0.005 - 0.035	0.05
Tomatoes	177	0			0.001 ^	0.1
Watermelon	390	0			0.005 ^	0.1
TOTAL	**8,582**	**75**				
Chlorpyrifos oxygen analog (metabolite of Chlorpyrifos)						
Apples	177	0			0.002 ^	0.01
Bananas	179	0			0.009 ^	0.1
Blueberries, Cultivated, Fresh	688	0			0.004 - 0.010	0.1
Blueberries, Frozen	19	0			0.004 - 0.010	0.1
Carrots	708	0			0.002 ^	0.1
Celery	708	0			0.001 - 0.010	0.1
Cherries, Fresh	228	0			0.004 ^	1.0
Cherries, Frozen	282	0			0.004 ^	1.0
Grape Juice	531	0			0.002 ^	0.01
Green Beans, Canned	378	0			0.001 ^	0.05
Green Beans, Fresh	757	0			0.001 ^	0.05
Green Beans, Frozen	378	0			0.001 ^	0.05
Nectarines	681	0			0.001 ^	0.05
Strawberries	176	0			0.010 ^	0.2
Summer Squash	531	0			0.005 - 0.010	0.1
Sweet Corn, Fresh	134	0			0.001 - 0.010	0.05
Sweet Corn, Frozen	41	0			0.001 - 0.010	0.05

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	0			0.001 ^	0.1
Watermelon	390	0			0.002 ^	0.1
TOTAL	**7,163**	**0**				
Clethodim (herbicide)						
Carrots	688	0			0.001 ^	1.0
Celery	360	0			0.002 - 0.008	0.60
Green Beans, Canned	378	0			0.008 ^	3.5
Green Beans, Fresh	757	0			0.40 ^	3.5
Green Beans, Frozen	378	0			0.008 ^	3.5
Nectarines	681	0			0.001 ^	0.20
Strawberries	176	0			0.040 ^	3.0
Summer Squash	232	0			0.20 ^	0.50
Sweet Corn, Fresh	134	0			0.040 - 0.40	NT
Sweet Corn, Frozen	41	0			0.040 - 0.40	NT
Tomatoes	177	0			0.002 ^	1.0
TOTAL	**4,002**	**0**				
Clofentezine (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	NT
Blueberries, Frozen	5	0			0.020 ^	NT
Celery	348	0			0.020 ^	NT
Nectarines	668	5	0.7	0.004 - 0.055	0.001 - 0.003	1.0
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
TOTAL	**1,911**	**5**				
Clomazone (herbicide)						
Apples	177	0			0.005 ^	NT
Bananas	179	0			0.070 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.070	NT
Blueberries, Frozen	19	0			0.003 - 0.070	NT
Broccoli	712	0			0.005 ^	0.10
Celery	708	0			0.002 - 0.003	NT
Cherries, Fresh	228	0			0.070 ^	NT
Cherries, Frozen	282	0			0.070 ^	NT
Grape Juice	531	0			0.005 ^	NT
Green Beans, Canned	378	0			0.002 ^	0.05
Green Beans, Fresh	757	0			0.005 ^	0.05
Green Beans, Frozen	378	0			0.002 ^	0.05
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	531	0			0.003 - 0.050	0.1
Sweet Corn, Fresh	134	0			0.003 - 0.005	NT
Sweet Corn, Frozen	41	0			0.003 - 0.005	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.005 ^	0.05
TOTAL	**7,193**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Clopyralid (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	0.50
Blueberries, Frozen	5	0			0.020 ^	0.50
Celery	348	0			0.020 ^	NT
Strawberries	176	0			0.020 ^	4.0
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	1.0
Sweet Corn, Frozen	12	0			0.020 ^	1.0
TOTAL	**1,243**	**0**				
Cloransulam methyl (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Clothianidin (insecticide) (also a metabolite of Thiamethoxam)						
Apples	177	0			0.010 ^	1.0
Bananas	179	0			0.035 ^	0.02
Blueberries, Cultivated, Fresh	688	3	0.4	0.005 - 0.006	0.005 - 0.035	0.01
Blueberries, Frozen	19	0			0.005 - 0.035	0.01
Broccoli	712	5	0.7	0.010 - 0.013	0.010 ^	1.9
Carrots	708	0			0.005 ^	0.8
Celery	708	0			0.002 - 0.005	3.0
Cherries, Fresh	228	0			0.035 ^	0.5
Cherries, Frozen	282	0			0.035 ^	0.5
Grape Juice	531	0			0.010 ^	0.60
Green Beans, Canned	378	0			0.002 ^	0.02
Green Beans, Fresh	757	3	0.4	0.009 - 0.019	0.005 ^	0.02
Green Beans, Frozen	378	0			0.002 ^	0.02
Nectarines	680	7	1	0.008 - 0.058	0.005 ^	0.80
Peaches	707	44	6.2	0.010 - 0.17	0.010 ^	0.80
Strawberries	176	0			0.003 ^	0.02
Summer Squash	531	8	1.5	0.005 - 0.011	0.005 - 0.050	0.06
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.01
Sweet Corn, Frozen	41	1	2.4	0.003 ^	0.003 - 0.005	0.01
Tomatoes	177	17	9.6	0.003 - 0.038	0.002 ^	0.20
Watermelon	390	0			0.010 ^	0.06
TOTAL	**8,581**	**88**				
Coumaphos (insecticide)						
Apples	177	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.002 - 0.005	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Peaches	707	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**4,522**	**0**				
Coumaphos oxygen analog (metabolite of Coumaphos)						
Apples	177	0			0.010 ^	NT
Celery	360	0			0.008 ^	NT
Green Beans, Canned	378	0			0.008 ^	NT
Green Beans, Frozen	378	0			0.008 ^	NT
Tomatoes	177	0			0.008 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**1,860**	**0**				
Crotoxyphos (insecticide, acaricide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Crufomate (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Cyantraniliprole (insecticide)						
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.004 ^	2.0
TOTAL	**443**	**0**				
Cyazofamid (fungicide)						
Bananas	179	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.020	NT
Blueberries, Frozen	19	0			0.010 - 0.020	NT
Carrots	707	58	8.2	0.007 - 0.029	0.004 ^	0.09
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.020 ^	NT
Cherries, Frozen	282	0			0.020 ^	NT
Green Beans, Fresh	757	8	1.1	0.013 - 0.077	0.010 ^	0.5

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Strawberries	176	0			0.010 ^	NT
Summer Squash	531	1	0.2	0.011 ^	0.010 - 0.050	0.10
Sweet Corn, Fresh	134	0			0.010 ^	NT
Sweet Corn, Frozen	41	0			0.010 ^	NT
Tomatoes	177	0			0.012 ^	0.9
TOTAL	**4,267**	**67**				
Cyflufenamid (fungicide)						
Strawberries	176	5	2.8	0.003 - 0.027	0.003 ^	0.20
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Strawberries	176	2	1.1	0.013 - 0.054	0.005 ^	0.60
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**532**	**7**				
Cyfluthrin (insecticide)						
Apples	177	1	0.6	0.007 ^	0.004 ^	0.5
Bananas	179	0			0.042 ^	0.05
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.042	0.05
Blueberries, Frozen	19	0			0.005 - 0.042	0.05
Broccoli	712	5	0.7	0.008 - 0.025	0.005 ^	2.5
Carrots	708	0			0.015 ^	0.20
Celery	708	8	1.1	0.005 - 0.032	0.005 - 0.050	6.0
Cherries, Fresh	228	0			0.042 ^	0.3
Cherries, Frozen	282	5	1.8	0.050 - 0.13	0.042 ^	0.3
Grape Juice	531	0			0.004 ^	1.0
Green Beans, Canned	378	0			0.008 - 0.025	0.05
Green Beans, Fresh	726	2	0.3	0.010 - 0.011	0.010 - 0.10	0.05
Green Beans, Frozen	378	0			0.008 ^	0.05
Nectarines	681	8	1.2	0.025 ^	0.015 ^	0.3
Peaches	707	75	10.6	0.005 - 0.11	0.005 ^	0.3
Strawberries	176	0			0.005 ^	0.05
Summer Squash	531	0			0.005 - 0.10	0.1
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.05
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.05
Tomatoes	177	0			0.025 ^	0.20
Watermelon	390	0			0.004 ^	0.1
TOTAL	**8,551**	**104**				
Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer) (insecticide)						
Apples	177	9	5.1	0.005 - 0.020	0.005 ^	0.30
Bananas	179	0			0.012 ^	0.01
Blueberries, Cultivated, Fresh	688	1	0.1	0.012 ^	0.010 - 0.012	0.01
Blueberries, Frozen	19	0			0.010 - 0.012	0.01
Broccoli	712	13	1.8	0.013 - 0.051	0.008 ^	0.4
Celery	708	1	0.1	0.005 ^	0.003 - 0.010	0.01
Cherries, Fresh	228	96	42.1	0.012 - 0.11	0.012 - 0.024	0.50
Cherries, Frozen	282	13	4.6	0.012 - 0.21	0.012 - 0.024	0.50
Grape Juice	531	0			0.005 ^	0.01
Green Beans, Canned	378	4	1.1	0.005 - 0.017	0.003 ^	0.20
Green Beans, Fresh	757	13	1.7	0.008 - 0.076	0.008 - 0.075	0.20
Green Beans, Frozen	378	12	3.2	0.005 - 0.027	0.003 ^	0.20

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Peaches	707	116	16.4	0.008 - 0.086	0.008 ^	0.50
Strawberries	176	0			0.010 ^	0.01
Summer Squash	531	0			0.010 - 0.075	0.05
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.05
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.05
Tomatoes	177	5	2.8	0.005 ^	0.003 ^	0.1
Watermelon	390	0			0.005 ^	0.05
TOTAL	**7,193**	**283**				
Cyhalothrin, Lambda (includes gamma isomer)						
Carrots	708	1	0.1	0.003 ^	0.002 ^	0.01
Nectarines	681	172	25.3	0.003 - 0.053	0.002 ^	0.50
TOTAL	**1,389**	**173**				
Cymoxanil (fungicide)						
Apples	177	0			0.002 ^	NT
Bananas	179	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.020	NT
Blueberries, Frozen	19	0			0.010 - 0.020	NT
Celery	708	0			0.003 - 0.010	6.0
Cherries, Fresh	228	0			0.020 ^	NT
Cherries, Frozen	282	0			0.020 ^	NT
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Fresh	757	0			0.010 ^	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	531	0			0.010 - 0.050	0.05
Sweet Corn, Fresh	134	0			0.010 ^	NT
Sweet Corn, Frozen	41	0			0.010 ^	NT
Tomatoes	177	0			0.003 ^	0.2
Watermelon	263	0			0.002 ^	0.05
TOTAL	**5,116**	**0**				
Cypermethrin (insecticide)						
Apples	177	1	0.6	0.046 ^	0.010 ^	2
Bananas	179	0			0.069 ^	0.05
Blueberries, Cultivated, Fresh	688	137	19.9	0.011 - 0.66	0.010 - 0.068	0.8
Blueberries, Frozen	19	8	42.1	0.015 - 0.15	0.010 - 0.068	0.8
Broccoli (X-1)	712	8	1.1	0.013 - 2.6	0.010 ^	2.0
Carrots	708	0			0.020 ^	0.1
Celery	708	24	3.4	0.010 - 0.11	0.010 - 0.075	10.00
Cherries, Fresh	228	0			0.068 ^	1
Cherries, Frozen	282	28	9.9	0.070 - 0.34	0.068 ^	1
Grape Juice	531	0			0.010 ^	2
Green Beans, Canned	378	6	1.6	0.037 - 0.11	0.022 ^	0.5
Green Beans, Fresh	757	12	1.6	0.031 - 0.061	0.030 - 0.30	0.5
Green Beans, Frozen	378	9	2.4	0.037 ^	0.022 ^	0.5
Nectarines	681	0			0.020 ^	1
Peaches	707	21	3	0.010 - 0.18	0.010 ^	1
Strawberries	176	0			0.010 ^	0.8
Summer Squash	531	5	0.9	0.011 - 0.035	0.010 - 0.20	0.2
Sweet Corn, Fresh	134	0			0.010 - 0.025	0.05
Sweet Corn, Frozen	41	0			0.010 - 0.025	0.05

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	3	1.7	0.037 ^	0.022 ^	0.2
Watermelon	390	0			0.010 ^	0.2
TOTAL	**8,582**	**262**				
Cyphenothrin (insecticide)						
Apples	177	0			0.015 ^	NT
Bananas	179	0			0.029 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.058	NT
Blueberries, Frozen	19	0			0.010 - 0.058	NT
Carrots	708	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.058 ^	NT
Cherries, Frozen	282	0			0.058 ^	NT
Grape Juice	531	0			0.015 ^	NT
Green Beans, Fresh	757	0			0.050 ^	NT
Nectarines	681	0			0.010 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	531	0			0.010 - 0.050	NT
Sweet Corn, Fresh	134	0			0.010 - 0.050	NT
Sweet Corn, Frozen	41	0			0.010 - 0.050	NT
Watermelon	390	0			0.015 ^	NT
TOTAL	**5,870**	**0**				
Cyproconazole (fungicide)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.005 ^	NT
Blueberries, Cultiv., Fresh (V-1)	688	1	0.1	0.007 ^	0.005 - 0.010	NT
Blueberries, Frozen	19	0			0.005 - 0.010	NT
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Grape Juice	531	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	30	0			0.003 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**3,318**	**1**				
Cyprodinil (fungicide)						
Apples	177	13	7.3	0.005 - 0.045	0.005 ^	1.7
Bananas	179	0			0.012 ^	NT
Blueberries, Cultivated, Fresh	688	189	27.5	0.003 - 1.0	0.003 - 0.012	3.0
Blueberries, Frozen	19	10	52.6	0.009 - 0.28	0.003 - 0.012	3.0
Broccoli (X-1)	712	2	0.3	0.022 - 1.4	0.005 ^	1.0
Carrots	708	1	0.1	0.026 ^	0.001 ^	0.75
Celery	348	1	0.3	0.003 ^	0.003 ^	30
Cherries, Fresh	228	2	0.9	0.021 - 0.045	0.012 ^	2.0
Cherries, Frozen	282	0			0.012 ^	2.0
Grape Juice	501	0			0.005 ^	3.0
Green Beans, Fresh	757	2	0.3	0.055 - 0.069	0.055 ^	0.6
Nectarines	681	13	1.9	0.003 - 0.27	0.002 ^	2.0
Peaches	707	40	5.7	0.006 - 0.77	0.005 ^	2.0
Strawberries	176	112	63.6	0.003 - 1.3	0.003 ^	5.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Summer Squash	531	2	0.4	0.003 - 0.006	0.003 - 0.055	0.70
Sweet Corn, Fresh	134	0			0.003 - 0.055	NT
Sweet Corn, Frozen	41	0			0.003 - 0.055	NT
Watermelon	390	23	5.9	0.005 - 0.026	0.005 ^	0.70
TOTAL	**7,259**	**410**				
Cyprosulfamide (herbicide safener)						
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.002 - 0.003	0.01
Sweet Corn, Frozen	41	0			0.002 - 0.003	0.01
TOTAL	**351**	**0**				
Cyromazine (insect growth regulator)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	86	24.7	0.005 - 0.066	0.005 ^	7.0
Green Beans, Fresh	757	0			0.10 ^	2.0
Strawberries	176	0			0.005 ^	NT
Summer Squash	531	3	0.6	0.005 - 0.015	0.005 - 0.16	1.0
Sweet Corn, Fresh	134	0			0.005 - 0.10	0.5
Sweet Corn, Frozen	41	0			0.005 - 0.10	0.5
Tomatoes	177	0			0.008 ^	0.5
TOTAL	**2,523**	**89**				
DCPA (herbicide)						
Apples	177	0			0.002 ^	NT
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.020	NT
Blueberries, Frozen	19	0			0.003 - 0.020	NT
Broccoli	712	55	7.7	0.005 - 0.056	0.005 ^	5.0
Celery (V-9)	708	9	1.3	0.002 - 0.007	0.001 - 0.003	NT
Cherries, Fresh	228	0			0.020 ^	NT
Cherries, Frozen	282	0			0.020 ^	NT
Grape Juice	531	0			0.002 ^	NT
Green Beans, Canned	378	0			0.001 ^	2.0
Green Beans, Fresh	757	0			0.010 ^	2.0
Green Beans, Frozen	378	2	0.5	0.002 ^	0.001 ^	2.0
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	2.0
Summer Squash	531	0			0.003 - 0.025	1.0
Sweet Corn, Fresh	134	0			0.003 - 0.010	0.05
Sweet Corn, Frozen	41	0			0.003 - 0.010	0.05
Tomatoes	177	0			0.001 ^	1.0
Watermelon	390	0			0.002 ^	1.0
TOTAL	**7,193**	**66**				
DEF - Tribufos (herbicide, plant growth regulator)						
Apples	177	0			0.002 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Grape Juice	531	0			0.002 ^	NT
Strawberries	176	0			0.003 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	390	0			0.002 ^	NT
TOTAL	**2,341**	**0**				
Deltamethrin (includes parent Tralomethrin) (insecticide)						
Apples	177	0			0.015 ^	0.2
Bananas	179	0			0.12 ^	0.05
Blueberries, Cultivated, Fresh	688	1	0.1	0.007 ^	0.005 - 0.12	0.05
Blueberries, Frozen	19	0			0.005 - 0.12	0.05
Broccoli	712	0			0.008 ^	0.05
Carrots	708	0			0.020 ^	0.2
Celery	708	0			0.005 - 0.040	0.05
Cherries, Fresh	228	0			0.12 ^	0.05
Cherries, Frozen	282	0			0.12 ^	0.05
Grape Juice	531	0			0.015 ^	0.05
Green Beans, Canned	378	0			0.012 ^	0.05
Green Beans, Fresh	757	0			0.050 ^	0.05
Green Beans, Frozen	378	0			0.012 - 0.040	0.05
Nectarines	681	0			0.020 ^	0.05
Peaches	707	0			0.008 ^	0.05
Strawberries	176	0			0.005 ^	0.05
Summer Squash	531	0			0.005 - 0.10	0.2
Sweet Corn, Fresh	134	0			0.005 - 0.025	0.03
Sweet Corn, Frozen	41	0			0.005 - 0.025	0.03
Tomatoes	177	1	0.6	0.048 ^	0.040 ^	0.2
Watermelon	390	0			0.015 ^	0.2
TOTAL	**8,582**	**2**				
Demeton-O (metabolite of the insecticide Demeton)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	NT
Blueberries, Frozen	5	0			0.020 ^	NT
Celery	348	0			0.020 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
TOTAL	**1,243**	**0**				
Demeton-S (metabolite of Demeton)						
Blueberries, Cultivated, Fresh	354	0			0.030 ^	NT
Blueberries, Frozen	5	0			0.030 ^	NT
Celery	348	0			0.030 ^	NT
Strawberries	176	0			0.030 ^	NT
Summer Squash	270	0			0.030 ^	NT
Sweet Corn, Fresh	78	0			0.030 ^	NT
Sweet Corn, Frozen	12	0			0.030 ^	NT
TOTAL	**1,243**	**0**				
Demeton-S sulfone (metabolite of Demeton-S)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Dialifos (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Diazinon (insecticide)						
Apples	177	11	6.2	0.005 - 0.071	0.005 ^	0.50
Bananas	179	0			0.010 ^	0.20
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.010	0.50
Blueberries, Frozen	19	0			0.003 - 0.010	0.50
Broccoli	712	0			0.002 ^	0.70
Carrots	708	30	4.2	0.002 - 0.045	0.001 ^	0.75
Celery	348	2	0.6	0.004 - 0.022	0.003 ^	0.70
Cherries, Fresh	228	0			0.010 ^	0.20
Cherries, Frozen	282	0			0.010 ^	0.20
Grape Juice	531	0			0.005 ^	0.75
Green Beans, Fresh	757	1	0.1	0.002 ^	0.001 ^	0.50
Nectarines	681	3	0.4	0.002 - 0.004	0.001 ^	0.20
Peaches	707	1	0.1	0.003 ^	0.002 ^	0.20
Strawberries	176	0			0.003 ^	0.50
Summer Squash	531	0			0.003 - 0.20	0.50
Sweet Corn, Fresh	134	0			0.003 - 0.005	NT
Sweet Corn, Frozen	41	0			0.003 - 0.005	NT
Watermelon	390	0			0.005 ^	0.75
TOTAL	**7,289**	**48**				
Diazinon oxygen analog (metabolite of Diazinon)						
Bananas	179	0			0.008 ^	0.20
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.008	0.50
Blueberries, Frozen	19	0			0.005 - 0.008	0.50
Broccoli	712	0			0.001 ^	0.70
Carrots	708	0			0.001 ^	0.75
Celery	708	0			0.001 - 0.005	0.70
Cherries, Fresh	228	0			0.008 ^	0.20
Cherries, Frozen	282	0			0.008 ^	0.20
Green Beans, Canned	378	0			0.001 ^	0.50
Green Beans, Fresh	757	0			0.001 ^	0.50
Green Beans, Frozen	378	0			0.001 ^	0.50
Nectarines	681	0			0.001 ^	0.20
Peaches	707	0			0.001 ^	0.20
Strawberries	176	0			0.005 ^	0.50

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Summer Squash	531	0			0.005 - 0.060	0.50
Sweet Corn, Fresh	134	0			0.005 ^	NT
Sweet Corn, Frozen	41	0			0.005 ^	NT
Tomatoes	177	0			0.001 ^	0.75
TOTAL	**7,484**	**0**				
Dicamba (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.25 ^	NT
Blueberries, Frozen	5	0			0.25 ^	NT
Celery	348	0			0.25 ^	NT
Strawberries	176	0			0.25 ^	NT
Summer Squash	270	0			0.25 ^	NT
Sweet Corn, Fresh	78	0			0.25 ^	0.04
Sweet Corn, Frozen	12	0			0.25 ^	0.04
TOTAL	**1,243**	**0**				
Dichlobenil (herbicide)						
Apples	177	0			0.010 ^	0.5
Bananas	179	0			0.007 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.007	NT
Blueberries, Frozen	19	0			0.003 - 0.007	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.002 - 0.003	NT
Cherries, Fresh	228	0			0.007 ^	0.15
Cherries, Frozen	282	0			0.007 ^	0.15
Grape Juice	531	0			0.010 ^	0.15
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Peaches	707	0			0.005 ^	0.15
Strawberries	176	0			0.003 ^	NT
Summer Squash (V-1)	270	1	0.4	0.004 ^	0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**6,090**	**1**				
Dichlofluanid (fungicide, acaricide)						
Bananas	179	0			0.035 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.017 ^	NT
Blueberries, Frozen	14	0			0.017 ^	NT
Cherries, Fresh	228	0			0.017 ^	NT
Cherries, Frozen	282	0			0.017 ^	NT
TOTAL	**1,037**	**0**				
Dichlormid (herbicide safener)						
Strawberries	176	0			0.050 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.050	0.05
Sweet Corn, Frozen	41	0			0.005 - 0.050	0.05
TOTAL	**351**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Dichlorprop (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.050 ^	NT
Blueberries, Frozen	5	0			0.050 ^	NT
Celery	348	0			0.050 ^	NT
Strawberries	176	0			0.050 ^	NT
Summer Squash	270	0			0.050 ^	NT
Sweet Corn, Fresh	78	0			0.050 ^	NT
Sweet Corn, Frozen	12	0			0.050 ^	NT
TOTAL	**1,243**	**0**				
Dichlorvos - DDVP (insecticide) (also a metabolite of Naled)						
Apples	177	0			0.020 ^	0.5
Bananas	179	0			0.005 ^	0.5
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.020	0.5
Blueberries, Frozen	19	0			0.005 - 0.020	0.5
Carrots	708	0			0.012 ^	0.5
Celery	708	0			0.003 - 0.020	0.5
Cherries, Fresh	228	0			0.005 ^	0.5
Cherries, Frozen	282	0			0.005 ^	0.5
Grape Juice	472	0			0.020 ^	0.5
Green Beans, Canned	378	0			0.003 ^	0.5
Green Beans, Fresh	757	0			0.060 ^	0.5
Green Beans, Frozen	378	0			0.003 ^	0.5
Nectarines	681	0			0.010 ^	0.5
Strawberries	176	4	2.3	0.074 - 0.40	0.020 ^	0.5
Summer Squash	531	0			0.020 - 0.060	0.5
Sweet Corn, Fresh	134	0			0.005 - 0.020	0.5
Sweet Corn, Frozen	41	0			0.005 - 0.020	0.5
Watermelon	327	0			0.020 ^	0.5
TOTAL	**6,864**	**4**				
Diclofop methyl (herbicide)						
Apples	177	0			0.001 ^	NT
Grape Juice	531	0			0.001 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**1,098**	**0**				
Dicloran (fungicide)						
Apples	177	0			0.016 ^	NT
Bananas	179	0			0.020 - 0.040	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.020	NT
Blueberries, Frozen	19	0			0.010 - 0.020	NT
Broccoli	712	0			0.005 ^	NT
Carrots	708	0			0.020 ^	10
Celery	708	294	41.5	0.004 - 1.5	0.002 - 0.010	15
Cherries, Fresh	228	0			0.020 ^	20
Cherries, Frozen	282	0			0.020 ^	20
Grape Juice	531	0			0.016 ^	10
Green Beans, Canned	357	0			0.002 - 0.008	20
Green Beans, Fresh	757	54	7.1	0.010 - 3.4	0.010 - 0.10	20
Green Beans, Frozen	378	0			0.002 ^	20
Nectarines	681	0			0.020 ^	20
Peaches	707	0			0.005 ^	20

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.010 - 0.10	NT
Sweet Corn, Frozen	41	0			0.010 - 0.10	NT
Tomatoes	177	7	4	0.011 - 0.11	0.002 ^	5
Watermelon	390	0			0.016 ^	NT
TOTAL	**8,300**	**355**				
Diclosulam (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**1,243**	**0**				
Dicofol Total (insecticide)						
Green Beans, Fresh	757	0			0.015 - 0.15	3.0
Nectarines	681	1	0.1	0.005 ^	0.003 ^	5.0
Summer Squash	261	0			0.15 ^	2.0
TOTAL	**1,699**	**1**				
Dicofol o,p' (isomer of Dicofol)						
Bananas	179	0			0.015 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.015	NT
Blueberries, Frozen	19	0			0.010 - 0.015	NT
Celery	708	0			0.002 - 0.010	NT
Cherries, Fresh	228	0			0.015 ^	5.0
Cherries, Frozen	282	0			0.015 ^	5.0
Green Beans, Canned	378	0			0.002 ^	3.0
Green Beans, Frozen	378	0			0.002 ^	3.0
Strawberries	176	0			0.010 ^	10.0
Summer Squash	270	0			0.010 ^	2.0
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Tomatoes	177	0			0.002 ^	2.0
TOTAL	**3,573**	**0**				
Dicofol p,p' (isomer of Dicofol)						
Apples	177	0			0.010 ^	10.0
Bananas	179	0			0.024 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.024	NT
Blueberries, Frozen	19	0			0.005 - 0.024	NT
Celery	708	0			0.001 - 0.005	NT
Cherries, Fresh	228	0			0.024 ^	5.0
Cherries, Frozen	282	0			0.024 ^	5.0
Grape Juice	531	0			0.010 ^	5.0
Green Beans, Canned	378	0			0.001 ^	3.0
Green Beans, Frozen	378	0			0.001 ^	3.0
Peaches	453	0			0.005 ^	5.0
Strawberries	176	0			0.005 ^	10.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Summer Squash	270	0			0.005 ^	2.0
Sweet Corn, Fresh	134	0			0.005 ^	NT
Sweet Corn, Frozen	41	0			0.005 ^	NT
Tomatoes	177	0			0.001 ^	2.0
Watermelon	390	0			0.010 ^	2.0
TOTAL	**5,209**	**0**				
Dicrotophos (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	708	0			0.002 - 0.003	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.002 ^	NT
TOTAL	**2,536**	**0**				
Diethofencarb (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Difenoconazole (fungicide)						
Apples	177	2	1.1	0.011 - 0.014	0.010 ^	1.0
Bananas	179	0			0.005 ^	0.2
Blueberries, Cultivated, Fresh	688	4	0.6	0.007 - 0.020	0.005 ^	2.5
Blueberries, Frozen	19	0			0.005 ^	2.5
Broccoli	712	3	0.4	0.009 - 0.097	0.005 ^	1.9
Carrots	708	16	2.3	0.002 - 0.009	0.001 ^	0.50
Celery	708	0			0.001 - 0.005	NT
Cherries, Fresh	228	2	0.9	0.022 - 0.030	0.005 ^	2.5
Cherries, Frozen	282	0			0.005 ^	2.5
Grape Juice	531	0			0.010 ^	4.0
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Fresh (V-1)	757	1	0.1	0.005 ^	0.005 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	681	0			0.001 ^	2.5
Peaches	707	23	3.3	0.007 - 0.18	0.005 ^	2.5
Strawberries	176	2	1.1	0.031 - 0.087	0.005 ^	2.5
Summer Squash	531	1	0.2	0.013 ^	0.005 ^	0.70
Sweet Corn, Fresh	134	0			0.005 ^	0.01
Sweet Corn, Frozen	41	0			0.005 ^	0.01
Tomatoes	177	37	20.9	0.002 - 0.041	0.001 ^	0.60
Watermelon	390	0			0.010 ^	0.70
TOTAL	**8,582**	**91**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Diflubenzuron (insecticide)						
Apples	177	0			0.002 ^	NT
Bananas	179	0			0.15 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.020 - 0.076	NT
Blueberries, Frozen	19	0			0.020 - 0.076	NT
Carrots	708	0			0.002 ^	NT
Celery	708	0			0.002 - 0.020	NT
Cherries, Fresh	228	0			0.076 ^	NT
Cherries, Frozen	282	0			0.076 ^	NT
Grape Juice	531	0			0.003 ^	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Nectarines	681	3	0.4	0.005 - 0.017	0.003 ^	0.07
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.002 ^	NT
TOTAL	**6,060**	**3**				
Diflufenzopyr (herbicide)						
Sweet Corn, Fresh	56	0			0.001 ^	0.05
Sweet Corn, Frozen	29	0			0.001 ^	0.05
TOTAL	**85**	**0**				
Dimethenamid (herbicide)						
Apples	177	0			0.002 ^	NT
Bananas	179	0			0.007 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.007	NT
Blueberries, Frozen	19	0			0.003 - 0.007	NT
Celery	693	0			0.001 - 0.003	NT
Cherries, Fresh	228	0			0.007 ^	NT
Cherries, Frozen	282	0			0.007 ^	NT
Grape Juice	531	0			0.003 ^	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.01
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.01
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.002 ^	NT
TOTAL	**4,741**	**0**				
Dimethoate (insecticide) (parent of Omethoate)						
Apples	177	0			0.005 ^	NT
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	2	0.3	0.005 - 0.020	0.003 - 0.005	1.0
Blueberries, Frozen	19	1	5.3	0.006 ^	0.003 - 0.005	1.0
Broccoli	712	0			0.010 ^	2.0
Celery	708	26	3.7	0.003 - 0.092	0.002 - 0.003	2.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Cherries, Fresh	228	1	0.4	0.067 ^	0.005 ^	2.0
Cherries, Frozen	282	34	12.1	0.005 - 0.25	0.005 ^	2.0
Grape Juice	531	0			0.005 ^	NT
Green Beans, Canned	378	0			0.002 - 0.008	2.0
Green Beans, Fresh (X-3)	757	54	7.1	0.001 - 2.6	0.001 ^	2.0
Green Beans, Frozen	378	0			0.002 ^	2.0
Nectarines	681	0			0.003 ^	NT
Peaches (V-2)	707	2	0.3	0.015 - 0.028	0.010 ^	NT
Strawberries (V-1)	176	1	0.6	0.005 ^	0.003 ^	NT
Summer Squash	531	0			0.003 - 0.010	NT
Sweet Corn, Fresh	134	0			0.001 - 0.003	NT
Sweet Corn, Frozen	41	0			0.001 - 0.003	NT
Tomatoes	177	1	0.6	0.011 ^	0.002 ^	2.0
Watermelon	390	1	0.3	0.007 ^	0.005 ^	1.0
TOTAL	**7,874**	**123**				
Dimethomorph (fungicide)						
Apples	177	0			0.003 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Broccoli	712	2	0.3	0.26 - 0.29	0.010 ^	6.0
Celery	708	3	0.4	0.002 ^	0.001 - 0.005	30.0
Grape Juice	531	0			0.003 ^	3.0
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Fresh (V-1)	757	1	0.1	0.005 ^	0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	531	0			0.005 - 0.010	0.5
Sweet Corn, Fresh	134	0			0.005 - 0.025	NT
Sweet Corn, Frozen	41	0			0.005 - 0.025	NT
Tomatoes	177	8	4.5	0.002 - 0.020	0.001 ^	1.5
Watermelon	390	0			0.003 ^	0.5
TOTAL	**6,156**	**14**				
Diniconazole (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	NT
Blueberries, Frozen	5	0			0.020 ^	NT
Celery	348	0			0.020 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Dinotefuran (insecticide)						
Apples	177	0			0.003 ^	2.0
Bananas	179	0			0.015 ^	0.01
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.015	0.2
Blueberries, Frozen	19	0			0.010 - 0.015	0.2
Celery	708	32	4.5	0.011 - 0.094	0.006 - 0.020	5.0
Cherries, Fresh	228	0			0.015 ^	2.0
Cherries, Frozen	282	0			0.015 ^	2.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Grape Juice	531	0			0.003 ^	0.9
Green Beans, Canned	378	0			0.006 ^	0.01
Green Beans, Fresh (X-7)	757	7	0.9	0.069 - 0.16	0.040 ^	0.01
Green Beans, Frozen	378	0			0.006 ^	0.01
Nectarines	681	0			0.060 ^	1.0
Strawberries	176	0			0.005 ^	0.01
Summer Squash	531	10	1.9	0.013 - 0.49	0.010 - 0.10	0.5
Sweet Corn, Fresh	134	0			0.005 - 0.040	0.01
Sweet Corn, Frozen	41	0			0.005 - 0.040	0.01
Tomatoes	177	34	19.2	0.010 - 0.13	0.006 ^	0.7
Watermelon	390	7	1.8	0.004 - 0.012	0.003 ^	0.5
TOTAL	**6,455**	**90**				
Dioxacarb (insecticide)						
Nectarines	681	0			0.004 - 0.013	NT
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**947**	**0**				
Dioxathion (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	NT
Blueberries, Frozen	5	0			0.020 ^	NT
Celery	348	0			0.020 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
TOTAL	**1,243**	**0**				
Diphenamid (herbicide)						
Broccoli	712	0			0.005 ^	NT
Celery	360	0			0.002 ^	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Peaches	707	0			0.005 ^	NT
Tomatoes	177	0			0.002 ^	NT
TOTAL	**2,712**	**0**				
Diphenylamine - DPA (plant growth regulator)						
Apples	177	109	61.6	0.002 - 4.2	0.002 ^	10.0
Bananas	179	0			0.060 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.061	NT
Blueberries, Frozen	19	0			0.003 - 0.061	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.003 - 0.010	NT
Cherries, Fresh	228	0			0.061 ^	NT
Cherries, Frozen	282	0			0.061 ^	NT
Grape Juice (V-1)	531	1	0.2	0.002 ^	0.002 ^	NT
Green Beans, Canned	378	0			0.003 - 0.010	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Peaches	673	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.003 ^	NT
Watermelon	390	0			0.002 ^	NT
TOTAL	**6,056**	**110**				
Disulfoton (insecticide)						
Bananas	179	0			0.050 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.050	NT
Blueberries, Frozen	19	0			0.010 - 0.050	NT
Broccoli	712	0			0.005 ^	0.75
Celery	708	0			0.002 - 0.010	NT
Cherries, Fresh	218	0			0.050 ^	NT
Cherries, Frozen	267	0			0.050 ^	NT
Green Beans, Canned	378	0			0.002 ^	0.75
Green Beans, Frozen	378	0			0.002 ^	0.75
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Tomatoes	177	0			0.002 ^	NT
TOTAL	**4,967**	**0**				
Disulfoton oxygen analog (metabolite of Disulfoton)						
Apples	177	0			0.001 ^	NT
Bananas	179	0			0.002 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.002 ^	NT
Blueberries, Frozen	14	0			0.002 ^	NT
Celery	360	0			0.002 ^	NT
Cherries, Fresh	228	0			0.002 ^	NT
Cherries, Frozen	282	0			0.002 ^	NT
Grape Juice	531	0			0.001 ^	NT
Green Beans, Canned	378	0			0.002 ^	0.75
Green Beans, Fresh	757	0			0.001 ^	0.75
Green Beans, Frozen	378	0			0.002 ^	0.75
Sweet Corn, Fresh	56	0			0.001 ^	NT
Sweet Corn, Frozen	29	0			0.001 ^	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**4,270**	**0**				
Disulfoton sulfone (metabolite of Disulfoton)						
Apples	177	0			0.020 ^	NT
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.010	NT
Blueberries, Frozen	19	0			0.003 - 0.010	NT
Broccoli	692	0			0.050 ^	0.75
Celery (V-1)	708	1	0.1	0.004 ^	0.002 - 0.003	NT
Cherries, Fresh	228	0			0.010 - 0.020	NT
Cherries, Frozen	282	0			0.010 - 0.020	NT
Grape Juice	531	0			0.020 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Canned	378	0			0.002 ^	0.75
Green Beans, Frozen	378	0			0.002 ^	0.75
Peaches	707	0			0.050 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.020 ^	NT
TOTAL	**6,070**	**1**				
Disulfoton sulfone oxygen analog (metabolite of Disulfoton)						
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.010 ^	NT
Blueberries, Frozen	14	0			0.010 ^	NT
Celery	360	0			0.001 - 0.003	NT
Cherries, Fresh	228	0			0.010 ^	NT
Cherries, Frozen	282	0			0.010 ^	NT
Green Beans, Canned	378	0			0.001 ^	0.75
Green Beans, Fresh	757	0			0.005 ^	0.75
Green Beans, Frozen	378	0			0.001 ^	0.75
Sweet Corn, Fresh	56	0			0.005 ^	NT
Sweet Corn, Frozen	29	0			0.005 ^	NT
Tomatoes	177	0			0.001 ^	NT
TOTAL	**3,172**	**0**				
Disulfoton sulfoxide (metabolite of Disulfoton)						
Apples	177	0			0.005 ^	NT
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.005	NT
Blueberries, Frozen	19	0			0.003 - 0.005	NT
Celery	708	0			0.002 - 0.003	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Grape Juice	531	0			0.005 ^	NT
Green Beans, Canned	378	0			0.002 ^	0.75
Green Beans, Fresh	757	0			0.001 ^	0.75
Green Beans, Frozen	378	0			0.002 ^	0.75
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.001 - 0.003	NT
Sweet Corn, Frozen	41	0			0.001 - 0.003	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.005 ^	NT
TOTAL	**5,513**	**0**				
Disulfoton sulfoxide oxygen analog (metabolite of Disulfoton)						
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.010 ^	NT
Blueberries, Frozen	14	0			0.010 ^	NT
Celery	360	0			0.001 ^	NT
Cherries, Fresh	228	0			0.010 ^	NT
Cherries, Frozen	282	0			0.010 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Canned	378	0			0.001 ^	0.75
Green Beans, Fresh	757	2	0.3	0.003 - 0.005	0.001 ^	0.75
Green Beans, Frozen	378	0			0.001 ^	0.75
Sweet Corn, Fresh	56	0			0.001 ^	NT
Sweet Corn, Frozen	29	0			0.001 ^	NT
Tomatoes	177	0			0.001 ^	NT
TOTAL	**3,172**	**2**				
Diuron (herbicide)						
Apples	177	0			0.002 ^	0.1
Bananas	179	0			0.030 ^	0.1
Blueberries, Cultivated, Fresh	688	0			0.015 - 0.020	0.1
Blueberries, Frozen	19	0			0.015 - 0.020	0.1
Celery	708	0			0.008 - 0.020	NT
Cherries, Fresh	228	0			0.015 ^	NT
Cherries, Frozen	282	0			0.015 ^	NT
Grape Juice	531	0			0.003 ^	0.05
Green Beans, Canned	378	0			0.008 ^	NT
Green Beans, Fresh	757	0			0.010 ^	NT
Green Beans, Frozen	378	0			0.008 ^	NT
Nectarines	681	0			0.020 ^	0.1
Strawberries	176	0			0.010 ^	0.1
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	134	0			0.010 ^	NT
Sweet Corn, Frozen	41	0			0.010 ^	NT
Tomatoes	177	0			0.008 ^	NT
Watermelon	358	0			0.002 ^	NT
TOTAL	**6,162**	**0**				
DMST (4-dimethylaminosulphotosluidide) (metabolite of Tolyfluanid)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Dodine (fungicide)						
Apples	177	1	0.6	0.017 ^	0.010 ^	5.0
Blueberries, Cultivated, Fresh	354	0			0.020 ^	NT
Blueberries, Frozen	5	0			0.020 ^	NT
Celery	348	0			0.020 ^	NT
Grape Juice	531	0			0.010 ^	NT
Nectarines	681	1	0.1	0.025 ^	0.015 ^	5.0
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
Watermelon	358	0			0.010 ^	NT
TOTAL	**2,990**	**2**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Emamectin (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	0.100
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	0.02
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**1,243**	**0**				
Emamectin benzoate [2] (insecticide)						
Apples	177	0			0.010 ^	0.025
Celery	360	0			0.001 ^	0.100
Grape Juice	531	0			0.010 ^	0.03
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Tomatoes	177	0			0.001 ^	0.020
Watermelon	390	0			0.010 ^	0.02
TOTAL	**2,391**	**0**				
Endosulfan I (insecticide)						
Apples	177	1	0.6	0.040 ^	0.010 ^	1.0
Bananas	179	0			0.030 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.030	0.3
Blueberries, Frozen	19	0			0.010 - 0.030	0.3
Broccoli	712	1	0.1	0.008 ^	0.005 ^	3.0
Carrots	708	0			0.004 ^	0.2
Celery	708	2	0.3	0.010 - 0.032	0.006 - 0.010	8.0
Cherries, Fresh	228	0			0.030 ^	2.0
Cherries, Frozen	282	0			0.030 ^	2.0
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.006 ^	2.0
Green Beans, Fresh	757	0			0.012 - 0.12	2.0
Green Beans, Frozen	378	0			0.006 ^	2.0
Nectarines	681	0			0.004 ^	2.0
Peaches	707	0			0.005 ^	2.0
Strawberries	176	0			0.010 ^	2.0
Summer Squash	531	3	0.6	0.012 - 0.033	0.010 - 0.25	1.0
Sweet Corn, Fresh	134	0			0.010 ^	0.2
Sweet Corn, Frozen	41	0			0.010 ^	0.2
Tomatoes	177	3	1.7	0.008 ^	0.005 ^	1.0
Watermelon	390	0			0.010 ^	1.0
TOTAL	**8,582**	**10**				
Endosulfan II (isomer of Endosulfan)						
Apples	177	1	0.6	0.078 ^	0.015 ^	1.0
Bananas	179	0			0.042 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.085	0.3
Blueberries, Frozen	19	0			0.010 - 0.085	0.3
Broccoli	712	0			0.005 ^	3.0
Carrots	708	0			0.010 ^	0.2
Celery	708	3	0.4	0.002 - 0.017	0.001 - 0.010	8.0
Cherries, Fresh	228	0			0.085 ^	2.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Cherries, Frozen	282	0			0.085 ^	2.0
Grape Juice	531	0			0.015 ^	NT
Green Beans, Canned	378	0			0.001 ^	2.0
Green Beans, Fresh	757	1	0.1	0.004 ^	0.003 - 0.025	2.0
Green Beans, Frozen	378	1	0.3	0.002 ^	0.001 ^	2.0
Nectarines	681	0			0.010 ^	2.0
Peaches	707	0			0.005 ^	2.0
Strawberries	176	0			0.010 ^	2.0
Summer Squash	531	0			0.010 - 0.050	1.0
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.2
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.2
Tomatoes	177	13	7.3	0.002 - 0.027	0.001 ^	1.0
Watermelon	390	0			0.015 ^	1.0
TOTAL	**8,582**	**19**				
Endosulfan sulfate (metabolite of Endosulfan)						
Apples	177	1	0.6	0.015 ^	0.005 ^	1.0
Bananas	179	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.040	0.3
Blueberries, Frozen	19	0			0.005 - 0.040	0.3
Broccoli	712	1	0.1	0.012 ^	0.005 ^	3.0
Carrots	708	12	1.7	0.003 - 0.008	0.002 ^	0.2
Celery	693	2	0.3	0.009 - 0.075	0.005 - 0.024	8.0
Cherries, Fresh	228	0			0.040 ^	2.0
Cherries, Frozen	282	0			0.040 ^	2.0
Grape Juice	531	0			0.005 ^	NT
Green Beans, Canned	378	0			0.012 ^	2.0
Green Beans, Fresh	757	8	1.1	0.026 - 0.17	0.025 ^	2.0
Green Beans, Frozen	378	1	0.3	0.018 ^	0.012 ^	2.0
Nectarines	681	0			0.002 ^	2.0
Peaches	707	0			0.005 ^	2.0
Strawberries	176	0			0.005 ^	2.0
Summer Squash	531	56	10.5	0.005 - 0.15	0.005 - 0.050	1.0
Sweet Corn, Fresh	134	0			0.005 - 0.025	0.2
Sweet Corn, Frozen	41	0			0.005 - 0.025	0.2
Tomatoes	177	1	0.6	0.054 ^	0.018 ^	1.0
Watermelon	390	0			0.005 ^	1.0
TOTAL	**8,567**	**82**				
EPN (insecticide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**266**	**0**				
Epoxiconazole (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
EPTC (herbicide)						
Bananas	179	0			0.035 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.035 ^	NT
Blueberries, Frozen	14	0			0.035 ^	NT
Carrots	708	2	0.3	0.15 - 0.16	0.004 ^	0.1
Celery	360	0			0.001 - 0.003	NT
Cherries, Fresh	228	0			0.035 ^	NT
Cherries, Frozen	282	0			0.035 ^	NT
Green Beans, Canned	378	0			0.001 ^	0.08
Green Beans, Fresh	757	4	0.5	0.002 - 0.015	0.001 ^	0.08
Green Beans, Frozen	378	0			0.001 - 0.003	0.08
Sweet Corn, Fresh	56	0			0.005 ^	0.08
Sweet Corn, Frozen	29	0			0.005 ^	0.08
TOTAL	**3,703**	**6**				
Esfenvalerate+Fenvalerate Total (insecticide)						
Apples	177	2	1.1	0.006 - 0.009	0.005 ^	1.0
Blueberries, Cultivated, Fresh	354	12	3.4	0.006 - 0.060	0.005 ^	1.0
Blueberries, Frozen	5	0			0.005 ^	1.0
Broccoli	712	3	0.4	0.008 - 0.038	0.005 - 0.010	1.0
Celery	708	0			0.002 - 0.008	0.05
Grape Juice	471	0			0.005 ^	0.05
Green Beans, Canned	378	10	2.6	0.004 - 0.025	0.002 ^	1.0
Green Beans, Fresh	726	27	3.7	0.008 - 0.12	0.008 - 0.075	1.0
Green Beans, Frozen	378	8	2.1	0.004 - 0.028	0.002 ^	1.0
Peaches	707	46	6.5	0.007 - 0.10	0.005 ^	3.0
Summer Squash	531	0			0.005 - 0.075	0.5
Sweet Corn, Fresh	56	0			0.005 ^	0.1
Sweet Corn, Frozen	29	0			0.005 ^	0.1
Tomatoes	177	4	2.3	0.009 - 0.032	0.008 ^	0.5
Watermelon	390	0			0.005 ^	0.5
TOTAL	**5,799**	**112**				
Esfenvalerate (isomer of Fenvalerate)						
Bananas	179	0			0.035 ^	0.05
Blueberries, Cultivated, Fresh	334	9	2.7	0.036 - 0.10	0.035 ^	1.0
Blueberries, Frozen	14	0			0.035 ^	1.0
Carrots	708	0			0.015 ^	0.5
Cherries, Fresh	228	0			0.035 ^	3.0
Cherries, Frozen	282	8	2.8	0.037 - 0.12	0.035 ^	3.0
Nectarines	681	10	1.5	0.025 ^	0.015 ^	3.0
Strawberries	176	0			0.005 ^	0.05
Sweet Corn, Fresh	78	0			0.005 ^	0.1
Sweet Corn, Frozen	12	0			0.005 ^	0.1
TOTAL	**2,692**	**27**				
Ethalfluralin (herbicide)						
Apples	177	0			0.005 ^	NT
Bananas	179	0			0.010 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.010	NT
Blueberries, Frozen	19	0			0.005 - 0.010	NT
Celery	708	0			0.002 - 0.005	NT
Cherries, Fresh	228	0			0.010 ^	NT
Cherries, Frozen	282	0			0.010 ^	NT
Grape Juice	531	0			0.005 ^	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Fresh	757	0			0.010 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	531	0			0.005 - 0.020	0.05
Sweet Corn, Fresh	134	0			0.005 - 0.010	NT
Sweet Corn, Frozen	41	0			0.005 - 0.010	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.005 ^	0.05
TOTAL	**5,774**	**0**				
Ethiofencarb (insecticide)						
Broccoli	712	0			0.010 ^	NT
Celery	359	0			0.002 - 0.008	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.002 ^	NT
TOTAL	**2,221**	**0**				
Ethiofencarb sulfone (metabolite of Ethiofencarb)						
Strawberries	176	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**266**	**0**				
Ethiofencarb sulfoxide (metabolite of Ethiofencarb)						
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**266**	**0**				
Ethion (insecticide)						
Apples	177	0			0.001 ^	NT
Bananas	179	0			0.007 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.014	NT
Blueberries, Frozen	19	0			0.003 - 0.014	NT
Broccoli	712	0			0.010 ^	NT
Celery	708	0			0.001 - 0.003	NT
Cherries, Fresh	228	0			0.014 ^	NT
Cherries, Frozen	282	0			0.014 ^	NT
Grape Juice	531	0			0.001 ^	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**6,090**	**0**				
Ethion mono oxon (metabolite of Ethion)						
Apples	177	0			0.001 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	708	0			0.002 - 0.003	NT
Grape Juice	531	0			0.001 ^	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**3,634**	**0**				
Ethiprole (insecticide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**266**	**0**				
Ethofumesate (herbicide)						
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.005	NT
Blueberries, Frozen	19	0			0.003 - 0.005	NT
Carrots	708	0			0.015 ^	7.0
Celery	348	0			0.003 ^	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**2,988**	**0**				
Ethoprop (insecticide)						
Apples	177	0			0.002 ^	NT
Bananas	179	1	0.6	0.003 ^	0.002 ^	0.02
Blueberries, Cultivated, Fresh	688	0			0.002 - 0.003	NT
Blueberries, Frozen	19	0			0.002 - 0.003	NT
Broccoli	712	0			0.010 ^	NT
Celery	708	0			0.001 - 0.003	NT
Cherries, Fresh	228	0			0.002 ^	NT
Cherries, Frozen	282	0			0.002 ^	NT
Green Beans, Canned	378	0			0.001 ^	0.02

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Fresh	757	0			0.001 ^	0.02
Green Beans, Frozen	378	0			0.001 ^	0.02
Nectarines	681	0			0.001 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.001 - 0.003	0.02
Sweet Corn, Frozen	41	0			0.001 - 0.003	0.02
Tomatoes	177	0			0.003 ^	NT
Watermelon	390	0			0.002 ^	NT
TOTAL	**7,082**	**1**				
Ethylan (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Etofenprox (insecticide)						
Apples	177	0			0.025 ^	5.0
Blueberries, Cultivated, Fresh	354	0			0.003 ^	5.0
Blueberries, Frozen	5	0			0.003 ^	5.0
Celery	348	0			0.003 ^	5.0
Grape Juice	531	0			0.025 ^	5.0
Strawberries	176	0			0.003 ^	5.0
Summer Squash	270	0			0.003 ^	5.0
Sweet Corn, Fresh	134	0			0.003 - 0.010	5.0
Sweet Corn, Frozen	41	0			0.003 - 0.010	5.0
Tomatoes	177	0			0.002 ^	5.0
Watermelon	390	0			0.025 ^	5.0
TOTAL	**2,603**	**0**				
Etoxazole (acaricide)						
Apples	177	0			0.005 ^	0.20
Blueberries, Cultivated, Fresh	354	0			0.003 ^	0.50
Blueberries, Frozen	5	0			0.003 ^	0.50
Broccoli	712	0			0.004 ^	NT
Celery	708	0			0.001 - 0.003	NT
Grape Juice	501	0			0.005 ^	0.50
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Fresh	757	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	681	4	0.6	0.015 - 0.031	0.001 ^	1.0
Peaches	707	7	1	0.006 - 0.038	0.004 ^	1.0
Strawberries	176	10	5.7	0.004 - 0.067	0.003 ^	0.50
Summer Squash	531	0			0.003 - 0.005	0.02
Sweet Corn, Fresh	134	0			0.001 - 0.003	NT
Sweet Corn, Frozen	41	0			0.001 - 0.003	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	1	0.6	0.023 ^	0.001 ^	0.20
Watermelon	390	5	1.3	0.007 - 0.014	0.005 ^	0.20
TOTAL	**6,807**	**27**				
Etridiazole (fungicide)						
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.020	NT
Blueberries, Frozen	19	0			0.010 - 0.020	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.020 ^	NT
Cherries, Fresh	228	0			0.010 ^	NT
Cherries, Frozen	282	0			0.010 ^	NT
Green Beans, Fresh	757	0			0.030 - 0.30	0.1
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.020	NT
Sweet Corn, Frozen	41	0			0.005 - 0.020	NT
TOTAL	**4,541**	**0**				
Famoxadone (fungicide)						
Apples	177	0			0.025 ^	NT
Bananas	179	0			0.033 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	678	0			0.003 - 0.010	25
Grape Juice	531	0			0.025 ^	2.5
Green Beans, Canned	378	0			0.003 - 0.012	NT
Green Beans, Frozen	378	0			0.003 - 0.006	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	531	1	0.2	0.040 ^	0.010 - 0.050	0.30
Sweet Corn, Fresh	134	0			0.010 - 0.050	NT
Sweet Corn, Frozen	41	0			0.010 - 0.050	NT
Tomatoes	177	10	5.6	0.010 - 0.032	0.008 - 0.015	1.0
Watermelon	390	0			0.025 ^	0.30
TOTAL	**4,129**	**11**				
Fenamidone (fungicide)						
Apples	177	0			0.005 ^	NT
Bananas	179	0			0.060 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.060	NT
Blueberries, Frozen	19	0			0.010 - 0.060	NT
Carrots	708	28	4	0.008 - 0.033	0.005 ^	0.15
Celery	708	3	0.4	0.004 - 0.017	0.002 - 0.010	60
Cherries, Fresh	228	0			0.060 ^	NT
Cherries, Frozen	282	0			0.060 ^	NT
Grape Juice	531	0			0.005 ^	1.0
Green Beans, Canned	378	0			0.002 ^	0.80
Green Beans, Fresh	757	0			0.001 ^	0.80
Green Beans, Frozen	378	0			0.002 ^	0.80
Strawberries	176	0			0.005 ^	0.02
Summer Squash	531	0			0.010 - 0.050	0.15
Sweet Corn, Fresh	134	0			0.001 - 0.005	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Frozen	41	0			0.001 - 0.005	NT
Tomatoes	177	1	0.6	0.004 ^	0.002 ^	1.0
Watermelon	390	0			0.005 ^	0.15
TOTAL	**6,482**	**32**				
Fenamiphos (insecticide)						
Bananas	179	0			0.020 ^	0.1
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.010	NT
Blueberries, Frozen	19	0			0.003 - 0.010	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.001 - 0.003	NT
Cherries, Fresh	228	0			0.010 ^	NT
Cherries, Frozen	282	0			0.010 ^	NT
Grape Juice	531	0			0.050 ^	0.1
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.001 ^	NT
Watermelon	221	0			0.050 ^	NT
TOTAL	**5,744**	**0**				
Fenamiphos sulfone (metabolite of Fenamiphos)						
Bananas	179	0			0.004 ^	0.1
Blueberries, Cultivated, Fresh	688	0			0.002 - 0.005	NT
Blueberries, Frozen	19	0			0.002 - 0.005	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.004 - 0.005	NT
Cherries, Fresh	228	0			0.002 ^	NT
Cherries, Frozen	282	0			0.002 ^	NT
Green Beans, Canned	378	0			0.004 ^	NT
Green Beans, Frozen	378	0			0.004 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.004 ^	NT
TOTAL	**4,992**	**0**				
Fenamiphos sulfoxide (metabolite of Fenamiphos)						
Bananas	179	0			0.004 ^	0.1
Blueberries, Cultivated, Fresh	688	0			0.008 - 0.020	NT
Blueberries, Frozen	19	0			0.008 - 0.020	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.004 - 0.020	NT
Cherries, Fresh	228	0			0.008 ^	NT
Cherries, Frozen	282	0			0.008 ^	NT
Grape Juice	531	0			0.050 ^	0.1
Green Beans, Canned	378	0			0.004 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Frozen	378	0			0.004 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
Tomatoes	177	0			0.004 ^	NT
Watermelon	221	0			0.050 ^	NT
TOTAL	**5,744**	**0**				
Fenarimol (fungicide)						
Bananas	179	0			0.013 ^	0.25
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.013	NT
Blueberries, Frozen	19	0			0.003 - 0.013	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.002 - 0.003	NT
Cherries, Fresh	228	0			0.013 ^	1.0
Cherries, Frozen	282	0			0.013 ^	1.0
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Fresh	757	0			0.005 ^	NT
Green Beans, Frozen	378	0			0.002 - 0.008	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	531	0			0.003 - 0.025	0.20
Sweet Corn, Fresh	134	0			0.003 - 0.005	NT
Sweet Corn, Frozen	41	0			0.003 - 0.005	NT
Tomatoes	177	0			0.002 ^	NT
TOTAL	**6,095**	**0**				
Fenazaquin (insecticide, acaricide)						
Apples	177	0			0.005 ^	0.2
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Grape Juice	531	0			0.005 ^	NT
Strawberries (V-2)	176	2	1.1	0.003 - 0.29	0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	23	0			0.003 ^	NT
Sweet Corn, Frozen	7	0			0.003 ^	NT
Watermelon	358	0			0.005 ^	NT
TOTAL	**2,249**	**2**				
Fenbuconazole (fungicide)						
Apples	177	4	2.3	0.008 - 0.015	0.005 ^	0.4
Bananas	179	0			0.005 ^	0.3
Blueberries, Cultivated, Fresh	688	20	2.9	0.005 - 0.38	0.005 - 0.010	0.3
Blueberries, Frozen	19	1	5.3	0.007 ^	0.005 - 0.010	0.3
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.001 - 0.010	NT
Cherries, Fresh	228	6	2.6	0.007 - 0.44	0.005 ^	1.0
Cherries, Frozen	282	136	48.2	0.005 - 0.48	0.005 ^	1.0
Grape Juice	531	0			0.005 ^	1.0
Green Beans, Canned	378	0			0.001 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	676	30	4.4	0.003 - 0.047	0.002 ^	1.0
Peaches	707	90	12.7	0.005 - 0.15	0.005 ^	1.0
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Tomatoes (V-5)	177	5	2.8	0.002 - 0.028	0.001 ^	NT
Watermelon	390	0			0.005 ^	NT
TOTAL	**6,766**	**292**				
Fenbutatin oxide (insecticide, acaricide)						
Nectarines	681	2	0.3	0.098 - 0.22	0.012 ^	10.0
TOTAL	**681**	**2**				
Fenchlorphos (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Fenhexamid (fungicide)						
Apples	177	0			0.013 ^	NT
Bananas	179	0			0.011 ^	NT
Blueberries, Cultivated, Fresh	688	85	12.4	0.011 - 0.91	0.011 - 0.040	5.0
Blueberries, Frozen	19	3	15.8	0.011 - 0.14	0.011 - 0.040	5.0
Celery	708	0			0.009 - 0.040	NT
Cherries, Fresh	228	20	8.8	0.013 - 0.37	0.011 ^	10.0
Cherries, Frozen	282	9	3.2	0.012 - 0.060	0.011 ^	10.0
Grape Juice	531	4	0.8	0.040 - 0.047	0.013 ^	4.0
Green Beans, Canned	378	0			0.009 ^	NT
Green Beans, Fresh	757	0			0.002 ^	NT
Green Beans, Frozen (V-1)	378	1	0.3	0.015 ^	0.009 ^	NT
Nectarines	681	56	8.2	0.008 - 1.2	0.005 ^	10.0
Strawberries	176	35	19.9	0.021 - 1.0	0.020 ^	3.0
Summer Squash	531	0			0.010 - 0.040	NT
Sweet Corn, Fresh	134	0			0.005 - 0.020	NT
Sweet Corn, Frozen	41	0			0.005 - 0.020	NT
Tomatoes	177	5	2.8	0.015 - 0.096	0.009 ^	2.0
Watermelon	390	0			0.013 ^	NT
TOTAL	**6,455**	**218**				
Fenitrothion (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	708	0			0.003 - 0.005	NT
Green Beans, Canned	378	0			0.003 - 0.010	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Strawberries	176	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.002 ^	NT
TOTAL	**2,536**	**0**				
Fenobucarb - BPMC (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Fenoxaprop ethyl (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Fenoxycarb (insecticide)						
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**266**	**0**				
Fenpropathrin (insecticide)						
Apples	177	4	2.3	0.050 - 0.36	0.020 ^	5.0
Bananas	179	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	688	31	4.5	0.023 - 1.0	0.005 - 0.020	3.0
Blueberries, Frozen	19	0			0.005 - 0.020	3.0
Broccoli	712	0			0.005 ^	3.0
Carrots	708	0			0.003 ^	NT
Celery	708	0			0.003 - 0.005	NT
Cherries, Fresh	228	47	20.6	0.027 - 1.0	0.020 ^	5.0
Cherries, Frozen	282	35	12.4	0.020 - 1.1	0.020 ^	5.0
Grape Juice	531	0			0.020 ^	5.0
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Fresh (V-3)	757	3	0.4	0.064 - 0.092	0.050 ^	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Nectarines	681	54	7.9	0.005 - 0.38	0.003 ^	1.4
Peaches	707	45	6.4	0.006 - 0.80	0.005 ^	1.4
Strawberries	176	45	25.6	0.005 - 0.51	0.005 ^	2.0
Summer Squash	531	1	0.2	0.033 ^	0.005 - 0.10	0.5
Sweet Corn, Fresh	134	0			0.005 ^	NT
Sweet Corn, Frozen	41	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	12	6.8	0.004 - 0.080	0.002 ^	1.0
Watermelon	390	0			0.020 ^	0.5
TOTAL	**8,582**	**277**				
Fenpropidin (fungicide)						
Strawberries	176	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**266**	**0**				
Fenpropimorph (fungicide)						
Apples	177	0			0.001 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.003 ^	NT
Grape Juice	531	0			0.001 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**3,760**	**0**				
Fenpyrazamine (fungicide)						
Strawberries	176	0			0.010 ^	3
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**266**	**0**				
Fenpyroximate (acaricide)						
Apples	177	6	3.4	0.005 - 0.013	0.005 ^	0.30
Broccoli	712	0			0.010 ^	NT
Celery	360	0			0.001 - 0.003	NT
Grape Juice	531	0			0.005 ^	1.0
Green Beans, Canned	378	0			0.001 - 0.003	0.40
Green Beans, Frozen	378	0			0.001 ^	0.40
Nectarines	681	38	5.6	0.002 - 0.053	0.001 ^	2.0
Peaches	707	44	6.2	0.010 - 0.071	0.010 ^	2.0
Strawberries	176	8	4.5	0.003 - 0.11	0.003 ^	1.0
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	5	2.8	0.002 - 0.010	0.001 ^	0.20
Watermelon	358	0			0.005 ^	0.10
TOTAL	**4,725**	**101**				
Fensulfothion (insecticide, fumigant)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Fenthion (insecticide)						
Bananas	179	0			0.015 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.015	NT
Blueberries, Frozen	19	0			0.003 - 0.015	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.002 - 0.003	NT
Cherries, Fresh	228	0			0.015 ^	NT
Cherries, Frozen	282	0			0.015 ^	NT
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.008 ^	NT
Watermelon	221	0			0.010 ^	NT
TOTAL	**5,744**	**0**				
Fenthion oxygen analog sulfone (metabolite of Fenthion)						
Bananas	179	0			0.007 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.014 ^	NT
Blueberries, Frozen	14	0			0.014 ^	NT
Cherries, Fresh	228	0			0.014 ^	NT
Cherries, Frozen	282	0			0.014 ^	NT
Grape Juice	531	0			0.15 ^	NT
Watermelon	221	0			0.15 ^	NT
TOTAL	**1,789**	**0**				
Fenthion oxygen analog sulfoxide (metabolite of Fenthion)						
Bananas	179	0			0.007 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.014 ^	NT
Blueberries, Frozen	14	0			0.014 ^	NT
Cherries, Fresh	228	0			0.014 ^	NT
Cherries, Frozen	282	0			0.014 ^	NT
Grape Juice	531	0			0.050 ^	NT
Watermelon	221	0			0.050 ^	NT
TOTAL	**1,789**	**0**				
Fenthion sulfone (metabolite of Fenthion)						
Bananas	179	0			0.030 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.12 ^	NT
Blueberries, Frozen	14	0			0.12 ^	NT
Cherries, Fresh	228	0			0.12 ^	NT
Cherries, Frozen	282	0			0.12 ^	NT
Grape Juice	531	0			0.075 ^	NT
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Frozen	12	0			0.005 ^	NT
Watermelon	221	0			0.075 ^	NT
TOTAL	**2,055**	**0**				
Fenthion sulfoxide (metabolite of Fenthion)						
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.020 ^	NT
Blueberries, Frozen	14	0			0.020 ^	NT
Cherries, Fresh	228	0			0.020 ^	NT
Cherries, Frozen	282	0			0.020 ^	NT
Grape Juice	531	0			0.020 ^	NT
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Watermelon	221	0			0.020 ^	NT
TOTAL	**2,055**	**0**				
Fenuron (herbicide)						
Carrots	708	0			0.005 ^	NT
Nectarines	681	0			0.025 ^	NT
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,655**	**0**				
Fipronil (insecticide)						
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.020	NT
Blueberries, Frozen	19	0			0.003 - 0.020	NT
Broccoli	692	0			0.005 ^	NT
Celery	708	0			0.002 - 0.006	NT
Cherries, Fresh	228	0			0.020 ^	NT
Cherries, Frozen	282	0			0.020 ^	NT
Green Beans, Canned	378	0			0.002 - 0.012	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.002 ^	NT
TOTAL	**4,972**	**0**				
Fipronil sulfone - MB46136 (metabolite of Fipronil)						
Apples	177	0			0.050 ^	NT
Grape Juice	531	0			0.050 ^	NT
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	390	0			0.050 ^	NT
TOTAL	**1,364**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Flonicamid (insecticide)						
Apples	177	3	1.7	0.012 - 0.039	0.006 ^	0.20
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.030	1.5
Blueberries, Frozen	19	0			0.005 - 0.030	1.5
Broccoli	712	1	0.1	0.019 ^	0.010 ^	1.5
Carrots	708	0			0.004 ^	0.60
Celery	708	64	9	0.002 - 0.074	0.001 - 0.030	4.0
Cherries, Fresh	228	0			0.005 ^	0.60
Cherries, Frozen	282	0			0.005 ^	0.60
Grape Juice	531	0			0.006 ^	NT
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Fresh (V-1)	757	1	0.1	0.10 ^	0.10 ^	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Nectarines	681	0			0.010 ^	0.60
Peaches	707	0			0.010 ^	0.60
Strawberries	176	41	23.3	0.033 - 0.48	0.030 ^	1.5
Summer Squash	531	9	1.7	0.031 - 0.062	0.030 - 0.10	1.5
Sweet Corn, Fresh	134	0			0.030 - 0.10	NT
Sweet Corn, Frozen	41	0			0.030 - 0.10	NT
Tomatoes	177	41	23.2	0.002 - 0.34	0.001 ^	0.40
Watermelon	390	2	0.5	0.030 - 0.10	0.006 ^	1.5
TOTAL	**8,582**	**162**				
Fluazifop (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.050 ^	NT
Blueberries, Frozen	5	0			0.050 ^	NT
Celery	348	0			0.050 ^	NT
Strawberries	176	0			0.050 ^	NT
Summer Squash	270	0			0.050 ^	NT
Sweet Corn, Fresh	78	0			0.050 ^	NT
Sweet Corn, Frozen	12	0			0.050 ^	NT
TOTAL	**1,243**	**0**				
Fluazifop butyl (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Carrots	708	0			0.001 ^	2.0
Celery	708	0			0.001 - 0.003	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	681	0			0.001 ^	0.05
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.001 ^	NT
TOTAL	**3,925**	**0**				
Fluazinam (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	7.0
Blueberries, Frozen	5	0			0.003 ^	7.0
Carrots	708	1	0.1	0.017 ^	0.010 ^	0.70

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,951**	**1**				
Flubendiamide (insecticide)						
Apples	177	0			0.035 ^	1.5
Blueberries, Cultivated, Fresh	354	0			0.003 ^	1.5
Blueberries, Frozen	5	0			0.003 ^	1.5
Celery	348	17	4.9	0.003 - 0.023	0.003 ^	11
Grape Juice	531	0			0.035 ^	1.4
Green Beans, Fresh	757	22	2.9	0.003 - 0.034	0.003 ^	0.50
Nectarines	681	17	2.5	0.005 - 0.086	0.003 ^	1.6
Strawberries	176	4	2.3	0.005 - 0.079	0.003 ^	1.5
Summer Squash	531	2	0.4	0.003 - 0.011	0.003 - 0.005	0.20
Sweet Corn, Fresh	134	1	0.7	0.003 ^	0.003 ^	0.01
Sweet Corn, Frozen	41	0			0.003 ^	0.01
Watermelon	390	0			0.035 ^	0.20
TOTAL	**4,125**	**63**				
Fludioxonil (fungicide)						
Apples	177	30	16.9	0.025 - 1.0	0.025 ^	5.0
Bananas	179	0			0.015 ^	NT
Blueberries, Cultivated, Fresh	688	113	16.4	0.010 - 0.63	0.010 - 0.062	2.0
Blueberries, Frozen	19	5	26.3	0.016 - 0.13	0.010 - 0.062	2.0
Broccoli	693	1	0.1	1.2 ^	0.005 ^	2.0
Carrots	708	0			0.027 ^	0.75
Celery	708	0			0.010 - 0.012	15
Cherries, Fresh	228	59	25.9	0.031 - 2.0	0.031 ^	5.0
Cherries, Frozen	282	6	2.1	0.054 - 0.40	0.031 ^	5.0
Grape Juice	531	0			0.025 ^	2.0
Green Beans, Canned	378	0			0.012 ^	0.4
Green Beans, Fresh	757	0			0.050 ^	0.4
Green Beans, Frozen	378	1	0.3	0.020 ^	0.012 ^	0.4
Nectarines	681	439	64.5	0.033 - 3.2	0.020 ^	5.0
Peaches (X-1)	697	453	65	0.005 - 6.7	0.005 ^	5.0
Strawberries	176	89	50.6	0.010 - 0.56	0.010 ^	3.0
Summer Squash	531	0			0.010 - 0.060	0.45
Sweet Corn, Fresh	134	0			0.010 - 0.020	0.02
Sweet Corn, Frozen	41	0			0.010 - 0.020	0.02
Tomatoes	177	11	6.2	0.020 - 0.090	0.012 ^	5.0
Watermelon	390	0			0.025 ^	0.03
TOTAL	**8,553**	**1,207**				
Flufenacet (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.05
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.05
TOTAL	**1,328**	**0**				
Flufenoxuron (insecticide)						
Apples	177	0			0.001 ^	0.50
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Grape Juice	531	0			0.002 ^	0.70
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**2,341**	**0**				
Flufenpyr ethyl (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Flumetsulam (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Flumiclorac pentyl (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Flumioxazin (herbicide)						
Apples	177	0			0.010 ^	0.02
Bananas	179	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.020	0.02
Blueberries, Frozen	19	0			0.010 - 0.020	0.02
Celery	708	0			0.002 - 0.020	0.02

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Cherries, Fresh	228	0			0.010 ^	0.02
Cherries, Frozen	282	0			0.010 ^	0.02
Grape Juice	531	0			0.010 ^	0.02
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Fresh	757	0			0.080 ^	NT
Green Beans, Frozen	378	0			0.002 - 0.005	NT
Nectarines	681	0			0.023 ^	0.02
Strawberries	176	0			0.020 ^	0.07
Summer Squash	531	0			0.020 - 0.18	0.03
Sweet Corn, Fresh	134	0			0.010 - 0.020	NT
Sweet Corn, Frozen	41	0			0.010 - 0.020	NT
Tomatoes	177	0			0.002 ^	0.02
Watermelon	390	0			0.010 ^	0.03
TOTAL	**6,455**	**0**				
Fluometuron (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.010	NT
Sweet Corn, Frozen	41	0			0.003 - 0.010	NT
TOTAL	**1,328**	**0**				
Fluopicolide (fungicide)						
Apples	177	0			0.005 ^	NT
Bananas	179	0			0.007 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.013	NT
Blueberries, Frozen	19	0			0.003 - 0.013	NT
Carrots	708	38	5.4	0.010 - 0.051	0.006 ^	0.15
Celery	708	16	2.3	0.003 - 0.012	0.002 - 0.003	25
Cherries, Fresh	228	0			0.013 ^	NT
Cherries, Frozen	282	0			0.013 ^	NT
Grape Juice	531	0			0.015 ^	2.0
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Fresh (V-1)	757	1	0.1	0.052 ^	0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	531	19	3.6	0.004 - 0.090	0.003 - 0.010	0.50
Sweet Corn, Fresh	134	0			0.002 - 0.003	NT
Sweet Corn, Frozen	41	0			0.002 - 0.003	NT
Tomatoes	177	4	2.3	0.003 - 0.010	0.002 ^	1.60
Watermelon	390	13	3.3	0.005 - 0.031	0.005 - 0.015	0.50
TOTAL	**6,482**	**91**				
Fluopyram (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	1.5
Summer Squash	270	0			0.003 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Fresh	134	0			0.002 - 0.003	1.5
Sweet Corn, Frozen	41	0			0.002 - 0.003	1.5
TOTAL	**1,328**	**0**				
Fluoxastrobin (fungicide)						
Bananas	179	0			0.025 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.013	1.9
Blueberries, Frozen	19	0			0.003 - 0.013	1.9
Broccoli (V-3)	712	3	0.4	0.016 - 0.081	0.002 ^	NT
Celery	708	0			0.001 - 0.004	4.0
Cherries, Fresh	228	0			0.013 ^	NT
Cherries, Frozen	282	0			0.013 ^	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Fresh	757	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Peaches	707	0			0.002 ^	NT
Strawberries	176	0			0.003 ^	1.9
Summer Squash	531	0			0.003 - 0.005	0.50
Sweet Corn, Fresh	134	0			0.001 - 0.003	0.01
Sweet Corn, Frozen	41	0			0.001 - 0.003	0.01
Tomatoes	177	0			0.001 ^	1.0
TOTAL	**6,095**	**3**				
Fluquinconazole (fungicide)						
Apples	177	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Grape Juice	531	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**2,341**	**0**				
Fluridone (herbicide)						
Apples	177	0			0.001 ^	0.1
Bananas	179	0			0.001 ^	0.1
Blueberries, Cultivated, Fresh	688	0			0.002 - 0.003	0.1
Blueberries, Frozen	19	0			0.002 - 0.003	0.1
Broccoli	712	0			0.010 ^	0.1
Carrots	708	0			0.001 ^	0.1
Celery	348	0			0.003 ^	0.1
Cherries, Fresh	228	0			0.002 ^	0.1
Cherries, Frozen	282	0			0.002 ^	0.1
Grape Juice	531	0			0.001 ^	0.1
Green Beans, Fresh	757	0			0.001 ^	0.1
Nectarines	681	0			0.001 ^	0.1
Peaches	707	0			0.010 ^	0.1
Strawberries	176	0			0.003 ^	0.1
Summer Squash	531	0			0.003 - 0.005	0.1
Sweet Corn, Fresh	134	0			0.003 - 0.025	0.1

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Frozen	41	0			0.003 - 0.025	0.1
Watermelon	390	0			0.001 ^	0.1
TOTAL	**7,289**	**0**				
Fluroxypyr (herbicide metabolite)						
Blueberries, Cultivated, Fresh	354	0			0.050 ^	NT
Blueberries, Frozen	5	0			0.050 ^	NT
Celery	348	0			0.050 ^	NT
Strawberries	176	0			0.050 ^	NT
Summer Squash	270	0			0.050 ^	NT
Sweet Corn, Fresh	78	0			0.050 ^	0.02
Sweet Corn, Frozen	12	0			0.050 ^	0.02
TOTAL	**1,243**	**0**				
Flusilazole (fungicide)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.008 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.008	NT
Blueberries, Frozen	19	0			0.003 - 0.008	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.003 ^	NT
Cherries, Fresh	228	0			0.008 ^	NT
Cherries, Frozen	282	0			0.008 ^	NT
Grape Juice	531	0			0.010 ^	NT
Nectarines	681	0			0.003 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**5,478**	**0**				
Fluthiacet methyl (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	NT
Blueberries, Frozen	5	0			0.020 ^	NT
Celery	348	0			0.020 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.010
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.010
TOTAL	**1,328**	**0**				
Flutolanil (fungicide)						
Apples	177	0			0.002 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Grape Juice	531	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	390	0			0.002 ^	NT
TOTAL	**2,341**	**0**				
Flutriafol (fungicide)						
Apples	177	0			0.010 ^	0.40
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Grape Juice	531	0			0.010 ^	1.5
Strawberries	176	0			0.005 ^	1.5
Summer Squash	270	0			0.010 ^	0.30
Sweet Corn, Fresh	134	0			0.005 ^	0.01
Sweet Corn, Frozen	41	0			0.005 ^	0.01
Watermelon	390	0			0.010 ^	0.30
TOTAL	**2,426**	**0**				
Fluvalinate (insecticide)						
Apples	177	0			0.050 ^	NT
Bananas	179	0			0.036 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.035	NT
Blueberries, Frozen	19	0			0.010 - 0.035	NT
Broccoli	712	0			0.005 ^	NT
Carrots	708	0			0.007 ^	NT
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.035 ^	NT
Cherries, Frozen	282	0			0.035 ^	NT
Grape Juice	531	0			0.050 ^	NT
Green Beans, Fresh	726	0			0.015 - 0.15	NT
Nectarines	681	0			0.007 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	531	0			0.010 - 0.30	NT
Sweet Corn, Fresh	134	0			0.005 - 0.010	NT
Sweet Corn, Frozen	41	0			0.005 - 0.010	NT
Watermelon	390	0			0.050 ^	NT
TOTAL	**7,258**	**0**				
Fluxapyroxad (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	7.0
Blueberries, Frozen	5	0			0.003 ^	7.0
Celery	348	0			0.003 ^	30
Green Beans, Fresh	757	6	0.8	0.005 - 0.011	0.005 ^	2.0
Nectarines	681	9	1.3	0.007 - 0.12	0.002 ^	2.0
Strawberries	176	11	6.2	0.006 - 0.73	0.003 ^	4.0
Summer Squash	270	0			0.003 ^	0.50
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.15
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.15
Tomatoes	177	10	5.6	0.002 - 0.024	0.001 ^	0.7
TOTAL	**2,943**	**36**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Folpet (fungicide)						
Apples	177	0			0.030 ^	5.0
Nectarines	681	0			0.064 ^	NT
Peaches	707	0			0.015 ^	NT
Watermelon	390	0			0.030 ^	3.0
TOTAL	**1,955**	**0**				
Fomesafen (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	0.025
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Fonofos (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.002 - 0.003	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.002 ^	NT
TOTAL	**3,955**	**0**				
Forchlorfenuron (plant growth regulator)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	0.01
Blueberries, Frozen	5	0			0.003 ^	0.01
Celery	348	0			0.003 ^	NT
Nectarines	681	0			0.001 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**2,631**	**0**				
Formetanate hydrochloride (insecticide)						
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 ^	NT
Blueberries, Frozen	19	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.010 ^	NT
Cherries, Frozen	282	0			0.010 ^	NT
Nectarines	681	9	1.3	0.050 ^	0.030 ^	0.40
Peaches	681	0			0.010 ^	0.40

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**3,642**	**9**				
Fosthiazate (nematicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Furalaxyl (fungicide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**266**	**0**				
Halosulfuron (herbicide)						
Bananas	179	0			0.099 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.050 ^	0.05
Blueberries, Frozen	14	0			0.050 ^	0.05
Cherries, Fresh	228	0			0.050 ^	NT
Cherries, Frozen	282	0			0.050 ^	NT
Green Beans, Fresh	757	0			0.005 ^	NT
Summer Squash	261	0			0.050 ^	0.5
Sweet Corn, Fresh	56	0			0.005 ^	0.05
Sweet Corn, Frozen	29	0			0.005 ^	0.05
TOTAL	**2,140**	**0**				
Halosulfuron methyl [3] (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	0.05
Blueberries, Frozen	5	0			0.020 ^	0.05
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.020 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	0.5
Sweet Corn, Fresh	78	0			0.020 ^	0.05
Sweet Corn, Frozen	12	0			0.020 ^	0.05
TOTAL	**2,662**	**0**				
Haloxyfop (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	NT
Blueberries, Frozen	5	0			0.020 ^	NT
Celery	348	0			0.020 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
TOTAL	**1,243**	**0**				
Heptenophos (insecticide, acaricide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**266**	**0**				
Hexaconazole (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	NT
Blueberries, Frozen	5	0			0.020 ^	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.020 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**2,662**	**0**				
Hexazinone (herbicide)						
Bananas	179	0			0.004 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.002 ^	0.6
Blueberries, Frozen	14	0			0.002 ^	0.6
Cherries, Fresh	228	0			0.002 ^	NT
Cherries, Frozen	282	0			0.002 ^	NT
TOTAL	**1,037**	**0**				
Hexythiazox (insecticide, acaricide)						
Apples	177	0			0.002 ^	0.4
Bananas	179	0			0.012 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.012	6
Blueberries, Frozen	19	0			0.005 - 0.012	6
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.012 ^	1.0
Cherries, Frozen	282	0			0.012 ^	1.0
Grape Juice	531	0			0.002 ^	1
Green Beans, Fresh	726	0			0.30 ^	0.3
Nectarines	681	13	1.9	0.058 ^	0.035 ^	1.0
Peaches	707	40	5.7	0.011 - 0.12	0.010 ^	1.0
Strawberries	176	23	13.1	0.003 - 0.31	0.003 ^	6
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.30	0.1
Sweet Corn, Frozen	41	0			0.003 - 0.30	0.1
Watermelon	390	0			0.002 ^	NT
TOTAL	**6,289**	**76**				
Hydroprene (insect growth regulator)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	0.2
Blueberries, Frozen	5	0			0.010 ^	0.2

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Carrots	707	0			0.001 ^	0.2
Celery	708	0			0.002 - 0.010	0.2
Grape Juice	30	0			0.10 ^	0.2
Green Beans, Canned	378	0			0.002 ^	0.2
Green Beans, Fresh	757	0			0.008 - 0.080	0.2
Green Beans, Frozen	378	0			0.002 ^	0.2
Nectarines	681	0			0.001 ^	0.2
Strawberries	176	0			0.010 ^	0.2
Summer Squash	531	0			0.010 - 0.080	0.2
Sweet Corn, Fresh	134	0			0.010 ^	0.2
Sweet Corn, Frozen	41	0			0.010 ^	0.2
Tomatoes	177	0			0.002 ^	0.2
TOTAL	**5,057**	**0**				
3-Hydroxycarbofuran (metabolite of Carbofuran)						
Apples	177	0			0.003 ^	NT
Bananas	179	0			0.002 ^	0.1
Blueberries, Cultiv., Fresh (V-2)	688	2	0.3	0.002 - 0.003	0.002 - 0.010	NT
Blueberries, Frozen	19	0			0.002 - 0.010	NT
Broccoli	712	0			0.010 ^	NT
Carrots	708	0			0.050 ^	NT
Celery	708	0			0.001 - 0.010	NT
Cherries, Fresh	228	0			0.002 ^	NT
Cherries, Frozen	282	0			0.002 ^	NT
Grape Juice	531	0			0.003 ^	0.4
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Fresh	757	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	681	0			0.050 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	1	0.6	0.003 ^	0.003 ^	0.5
Summer Squash	531	0			0.010 ^	0.8
Sweet Corn, Fresh	134	0			0.002 - 0.003	1.0
Sweet Corn, Frozen	41	0			0.002 - 0.003	1.0
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.003 ^	0.4
TOTAL	**8,582**	**3**				
5-Hydroxythiabendazole (metabolite of Thiabendazole)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	5.0
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	0.01
Sweet Corn, Frozen	12	0			0.003 ^	0.01
TOTAL	**1,243**	**0**				
Imazalil (fungicide)						
Apples	177	0			0.010 ^	NT
Bananas	179	41	22.9	0.005 - 0.068	0.005 ^	3.0
Blueberries, Cultivated, Fresh	688	0			0.005 ^	NT
Blueberries, Frozen	19	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Broccoli	712	0			0.010 ^	NT
Celery	708	0			0.001 - 0.005	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines (V-33)	681	33	4.8	0.007 - 0.11	0.004 ^	NT
Peaches (V-10)	707	10	1.4	0.011 - 0.072	0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**6,771**	**84**				
Imazapyr (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	NT
Blueberries, Frozen	5	0			0.020 ^	NT
Celery	348	0			0.020 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
TOTAL	**1,243**	**0**				
Imazaquin (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**1,243**	**0**				
Imazethapyr (herbicide)						
Apples	177	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.020 ^	NT
Blueberries, Frozen	5	0			0.020 ^	NT
Celery	348	0			0.020 ^	NT
Grape Juice	89	0			0.020 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
Watermelon	359	0			0.020 ^	NT
TOTAL	**1,868**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Imazosulfuron (herbicide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**266**	**0**				
Imidacloprid (insecticide)						
Apples	177	41	23.2	0.003 - 0.032	0.003 ^	0.5
Bananas	179	0			0.009 ^	0.50
Blueberries, Cultivated, Fresh	688	44	6.4	0.010 - 0.44	0.010 - 0.019	3.5
Blueberries, Frozen	19	0			0.010 - 0.019	3.5
Broccoli	712	30	4.2	0.010 - 0.45	0.010 ^	3.5
Carrots	695	10	1.4	0.005 - 0.025	0.003 - 0.009	0.40
Celery	708	27	3.8	0.002 - 0.071	0.001 - 0.010	6.0
Cherries, Fresh	228	81	35.5	0.019 - 0.24	0.019 ^	3.0
Cherries, Frozen	282	65	23	0.025 - 0.40	0.019 ^	3.0
Grape Juice	531	14	2.6	0.003 - 0.035	0.003 ^	1.5
Green Beans, Canned	378	0			0.003 ^	4.0
Green Beans, Fresh	757	29	3.8	0.005 - 0.45	0.005 ^	4.0
Green Beans, Frozen	378	0			0.003 ^	4.0
Nectarines	681	22	3.2	0.017 - 0.23	0.010 ^	3.0
Peaches	707	44	6.2	0.010 - 0.13	0.010 ^	3.0
Strawberries	176	19	10.8	0.005 - 0.075	0.005 ^	0.50
Summer Squash	531	84	15.8	0.010 - 0.35	0.010 - 0.030	0.5
Sweet Corn, Fresh	134	0			0.005 ^	0.05
Sweet Corn, Frozen	41	0			0.005 ^	0.05
Tomatoes	177	38	21.5	0.003 - 0.080	0.003 ^	1.0
Watermelon	390	46	11.8	0.003 - 0.093	0.003 ^	0.5
TOTAL	**8,569**	**594**				
Imidacloprid urea (metabolite of Imidacloprid)						
Bananas	179	0			0.022 ^	0.50
Blueberries, Cultivated, Fresh	334	1	0.3	0.023 ^	0.011 ^	3.5
Blueberries, Frozen	14	0			0.011 ^	3.5
Cherries, Fresh	228	0			0.011 ^	3.0
Cherries, Frozen	282	0			0.011 ^	3.0
TOTAL	**1,037**	**1**				
Imiprothrin (insecticide)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.090 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.091	NT
Blueberries, Frozen	19	0			0.010 - 0.091	NT
Carrots	708	0			0.009 ^	NT
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.091 ^	NT
Cherries, Frozen	282	0			0.091 ^	NT
Grape Juice	531	0			0.010 ^	NT
Green Beans, Fresh	757	0			0.030 ^	NT
Nectarines	681	0			0.009 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.010 - 0.040	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Frozen	41	0			0.010 - 0.040	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**5,609**	**0**				
Indaziflam (herbicide)						
Apples	177	0			0.001 ^	0.01
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Grape Juice	531	0			0.001 ^	0.01
Nectarines	681	0			0.002 ^	0.01
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**3,022**	**0**				
Indoxacarb (insecticide)						
Apples	177	0			0.020 ^	1.0
Bananas	179	0			0.021 ^	NT
Blueberries, Cultivated, Fresh	688	9	1.3	0.010 - 0.046	0.010 - 0.021	1.5
Blueberries, Frozen	19	0			0.010 - 0.021	1.5
Broccoli	712	23	3.2	0.011 - 0.24	0.010 ^	12
Celery	348	3	0.9	0.012 - 0.033	0.010 ^	14
Cherries, Fresh	228	0			0.021 ^	0.90
Cherries, Frozen	282	1	0.4	0.023 ^	0.021 ^	0.90
Grape Juice	531	0			0.020 ^	2
Green Beans, Fresh	757	0			0.050 ^	0.9
Nectarines	675	85	12.6	0.003 - 0.069	0.002 - 0.007	0.90
Peaches	707	47	6.6	0.010 - 0.066	0.010 ^	0.90
Strawberries	176	0			0.010 ^	NT
Summer Squash	444	0			0.005 - 0.010	0.60
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.02
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.02
Watermelon	390	0			0.020 ^	0.60
TOTAL	**6,488**	**168**				
Ipconazole (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Green Beans, Fresh	757	0			0.002 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.010 ^	0.01
Sweet Corn, Frozen	41	0			0.010 ^	0.01
TOTAL	**2,085**	**0**				
Iprodione (fungicide)						
Apples	177	0			0.040 ^	NT
Bananas	179	0			0.022 ^	NT
Blueberries, Cultivated, Fresh	688	55	8	0.005 - 2.7	0.005 - 0.022	15.0
Blueberries, Frozen	19	0			0.005 - 0.022	15.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Broccoli	712	1	0.1	0.063 ^	0.005 ^	25.0
Carrots	708	25	3.5	0.033 - 0.70	0.020 ^	5.0
Celery	708	0			0.005 - 0.030	NT
Cherries, Fresh	228	49	21.5	0.022 - 2.6	0.022 ^	20.0
Cherries, Frozen	282	76	27	0.022 - 0.63	0.022 ^	20.0
Grape Juice	531	0			0.040 ^	60.0
Green Beans, Canned	378	7	1.9	0.015 ^	0.009 - 0.030	2.0
Green Beans, Fresh	757	0			0.15 ^	2.0
Green Beans, Frozen	378	44	11.6	0.015 - 0.44	0.009 ^	2.0
Nectarines	681	200	29.4	0.008 - 6.2	0.005 ^	20.0
Peaches	707	190	26.9	0.006 - 7.2	0.005 ^	20.0
Strawberries	176	3	1.7	0.020 - 2.6	0.005 ^	15.0
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.15	NT
Sweet Corn, Frozen	41	0			0.005 - 0.15	NT
Tomatoes (V-1)	177	1	0.6	0.030 ^	0.009 ^	NT
Watermelon	390	0			0.040 ^	NT
TOTAL	**8,321**	**651**				
Iprovalicarb (fungicide)						
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.010	NT
Blueberries, Frozen	19	0			0.005 - 0.010	NT
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.010 ^	NT
Cherries, Frozen	282	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**2,280**	**0**				
Isocarbophos (insecticide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**266**	**0**				
Isofenphos (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Isofenphos methyl (metabolite if Isofenphos)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**266**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Isoprocarb (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**1,243**	**0**				
Isoproturon (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				
Isoxadifen ethyl (herbicide safener)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.005 ^	0.04
Sweet Corn, Frozen	41	0			0.005 ^	0.04
TOTAL	**351**	**0**				
Kresoxim-methyl (fungicide)						
Apples	177	0			0.010 ^	0.5
Bananas	179	0			0.008 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.015	NT
Blueberries, Frozen	19	0			0.010 - 0.015	NT
Celery	708	0			0.002 - 0.010	NT
Cherries, Fresh	228	0			0.015 ^	NT
Cherries, Frozen	282	0			0.015 ^	NT
Grape Juice	531	0			0.010 ^	1.0
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Fresh	757	0			0.020 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	531	0			0.010 - 0.025	0.40
Sweet Corn, Fresh	134	0			0.005 ^	NT
Sweet Corn, Frozen	41	0			0.005 ^	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.010 ^	0.40
TOTAL	**5,774**	**0**				
Lactofen (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Lenacil (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**2,662**	**0**				
Leptophos oxygen analog (insecticide metabolite)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	NT
Blueberries, Frozen	5	0			0.020 ^	NT
Celery	348	0			0.020 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
TOTAL	**1,243**	**0**				
Lindane - BHC gamma (insecticide)						
Apples	177	0			0.013 ^	NT
Bananas	179	0			0.044 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.045	0.5 AL
Blueberries, Frozen	19	0			0.003 - 0.045	0.5 AL
Carrots	708	0			0.001 ^	0.5 AL
Celery	708	0			0.001 - 0.003	NT
Cherries, Fresh	228	0			0.045 ^	NT
Cherries, Frozen	282	0			0.045 ^	NT
Grape Juice	531	0			0.013 ^	0.5 AL
Green Beans, Canned	378	0			0.001 ^	0.5 AL
Green Beans, Fresh	726	0			0.008 - 0.075	0.5 AL
Green Beans, Frozen	378	0			0.001 ^	0.5 AL
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	0.5
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.5
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.5
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.013 ^	NT
TOTAL	**6,897**	**0**				
Linuron (herbicide)						
Apples	177	0			0.003 ^	NT
Bananas	179	0			0.007 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.007 - 0.010	NT
Blueberries, Frozen	19	0			0.007 - 0.010	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Broccoli	712	0			0.019 ^	NT
Carrots	708	174	24.6	0.017 - 0.65	0.010 ^	1.0
Celery	708	93	13.1	0.005 - 0.043	0.003 - 0.010	0.5
Cherries, Fresh	228	0			0.007 ^	NT
Cherries, Frozen	282	0			0.007 ^	NT
Grape Juice	531	0			0.003 ^	NT
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Peaches	707	0			0.019 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.008	0.25
Sweet Corn, Frozen	41	0			0.005 - 0.008	0.25
Tomatoes	177	0			0.003 ^	NT
Watermelon	390	0			0.003 ^	NT
TOTAL	**6,883**	**267**				
Lufenuron (insecticide)						
Apples	147	0			0.020 ^	NT
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.010	NT
Blueberries, Frozen	19	0			0.005 - 0.010	NT
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Grape Juice	531	0			0.020 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Watermelon	390	0			0.020 ^	NT
TOTAL	**3,348**	**0**				
Malathion (insecticide)						
Apples	177	0			0.002 ^	8
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	94	13.7	0.005 - 0.67	0.005 ^	8
Blueberries, Frozen	19	10	52.6	0.005 - 0.060	0.005 ^	8
Broccoli	712	0			0.010 ^	8
Carrots	708	0			0.001 ^	8
Celery	708	87	12.3	0.002 - 0.11	0.001 - 0.005	8
Cherries, Fresh	228	6	2.6	0.006 - 0.015	0.005 ^	8
Cherries, Frozen	282	6	2.1	0.007 - 0.012	0.005 ^	8
Grape Juice	501	0			0.002 ^	8
Green Beans, Canned	378	0			0.001 ^	8
Green Beans, Fresh	757	0			0.002 ^	8
Green Beans, Frozen	378	0			0.001 - 0.003	8
Nectarines	681	0			0.002 ^	8
Peaches	707	1	0.1	0.012 ^	0.010 ^	8
Strawberries	176	19	10.8	0.005 - 0.15	0.005 ^	8
Summer Squash	531	0			0.005 - 0.010	8
Sweet Corn, Fresh	134	0			0.005 ^	2
Sweet Corn, Frozen	41	0			0.005 ^	2

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	1	0.6	0.007 ^	0.003 ^	8
Watermelon	390	0			0.002 ^	8
TOTAL	**8,552**	**224**				
Malathion oxygen analog (metabolite of Malathion)						
Apples	177	0			0.002 ^	8
Bananas	179	0			0.002 ^	NT
Blueberries, Cultivated, Fresh	688	29	4.2	0.003 - 0.034	0.003 - 0.004	8
Blueberries, Frozen	19	2	10.5	0.005 ^	0.003 - 0.004	8
Broccoli	712	0			0.010 ^	8
Carrots	708	0			0.002 ^	8
Celery	708	0			0.003 - 0.010	8
Cherries, Fresh	228	0			0.004 ^	8
Cherries, Frozen	282	0			0.004 ^	8
Grape Juice	501	0			0.002 ^	8
Green Beans, Canned	378	0			0.010 ^	8
Green Beans, Fresh	757	0			0.001 ^	8
Green Beans, Frozen	378	0			0.010 ^	8
Nectarines	681	0			0.002 ^	8
Peaches	707	0			0.010 ^	8
Strawberries	176	1	0.6	0.003 ^	0.003 ^	8
Summer Squash	531	0			0.003 - 0.005	8
Sweet Corn, Fresh	134	0			0.003 ^	2
Sweet Corn, Frozen	41	0			0.003 ^	2
Tomatoes	177	0			0.003 ^	8
Watermelon	390	0			0.002 ^	8
TOTAL	**8,552**	**32**				
Mandipropamid (fungicide)						
Apples	177	0			0.002 ^	NT
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.020	NT
Blueberries, Frozen	19	0			0.005 - 0.020	NT
Broccoli	712	8	1.1	0.006 - 0.11	0.005 ^	3
Celery	708	1	0.1	0.010 ^	0.005 - 0.015	20
Cherries, Fresh	228	0			0.020 ^	NT
Cherries, Frozen	282	0			0.020 ^	NT
Grape Juice	531	19	3.6	0.002 - 0.004	0.002 ^	1.4
Green Beans, Canned	378	0			0.015 ^	0.90
Green Beans, Fresh	757	3	0.4	0.004 - 0.008	0.001 ^	0.90
Green Beans, Frozen	378	0			0.015 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	531	3	0.6	0.007 - 0.030	0.005 ^	0.6
Sweet Corn, Fresh	134	0			0.001 - 0.005	NT
Sweet Corn, Frozen	41	0			0.001 - 0.005	NT
Tomatoes	177	7	4	0.008 - 0.064	0.005 ^	1.0
Watermelon	390	0			0.002 ^	0.6
TOTAL	**7,193**	**41**				
MCPA (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.25 ^	NT
Blueberries, Frozen	5	0			0.25 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Celery	348	0			0.25 ^	NT
Strawberries	176	0			0.25 ^	NT
Summer Squash	270	0			0.25 ^	NT
Sweet Corn, Fresh	78	0			0.25 ^	NT
Sweet Corn, Frozen	12	0			0.25 ^	NT
TOTAL	**1,243**	**0**				
MCPB (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.25 ^	NT
Blueberries, Frozen	5	0			0.25 ^	NT
Celery	348	0			0.25 ^	NT
Strawberries	176	0			0.25 ^	NT
Summer Squash	270	0			0.25 ^	NT
Sweet Corn, Fresh	78	0			0.25 ^	NT
Sweet Corn, Frozen	12	0			0.25 ^	NT
TOTAL	**1,243**	**0**				
Mecarbam (insecticide, acaricide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**266**	**0**				
Mecoprop - MCPP (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.25 ^	NT
Blueberries, Frozen	5	0			0.25 ^	NT
Celery	348	0			0.25 ^	NT
Strawberries	176	0			0.25 ^	NT
Summer Squash	270	0			0.25 ^	NT
Sweet Corn, Fresh	78	0			0.25 ^	NT
Sweet Corn, Frozen	12	0			0.25 ^	NT
TOTAL	**1,243**	**0**				
Mefenpyr diethyl (herbicide safener)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Mepanipyrim (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	1.5
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Mesotrione (herbicide)						
Strawberries	176	0			0.040 ^	0.01
Sweet Corn, Fresh	56	0			0.010 ^	0.01
Sweet Corn, Frozen	29	0			0.010 ^	0.01
TOTAL	**261**	**0**				
Metaflumizone (insecticide)						
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.025	NT
Blueberries, Frozen	19	0			0.005 - 0.025	NT
Celery	348	0			0.020 ^	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
TOTAL	**2,280**	**0**				
Metalaxyl/Mefenoxam [4] (fungicide)						
Apples	177	0			0.001 ^	0.2
Bananas	179	0			0.030 ^	NT
Blueberries, Cultivated, Fresh	688	3	0.4	0.003 - 0.027	0.003 - 0.030	2.0
Blueberries, Frozen	19	0			0.003 - 0.030	2.0
Broccoli	712	2	0.3	0.025 - 0.038	0.005 ^	2.0
Carrots	708	38	5.4	0.008 - 0.034	0.005 ^	0.5
Celery	708	0			0.001 - 0.003	5.0
Cherries, Fresh	228	0			0.030 ^	1.0
Cherries, Frozen	282	0			0.030 ^	1.0
Grape Juice	531	1	0.2	0.001 ^	0.001 ^	2.0
Green Beans, Canned	378	0			0.001 ^	0.2
Green Beans, Fresh	757	29	3.8	0.001 - 0.041	0.001 ^	0.2
Green Beans, Frozen	378	0			0.001 ^	0.2
Nectarines	681	0			0.001 ^	1.0
Peaches	707	0			0.005 ^	1.0
Strawberries	176	25	14.2	0.003 - 0.25	0.003 ^	10.0
Summer Squash	531	28	5.3	0.003 - 0.18	0.003 - 0.050	1.0
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.1
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.1
Tomatoes	177	8	4.5	0.002 - 0.006	0.001 ^	1.0
Watermelon	390	37	9.5	0.001 - 0.049	0.001 ^	1.0
TOTAL	**8,582**	**171**				
Metaldehyde (molluscicide)						
Bananas	179	0			0.22 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.11 ^	0.15
Blueberries, Frozen	14	0			0.11 ^	0.15
Cherries, Fresh	228	0			0.11 ^	NT
Cherries, Frozen	282	0			0.11 ^	NT
Strawberries	176	0			0.10 ^	6.25
Sweet Corn, Fresh	78	0			0.10 ^	0.05
Sweet Corn, Frozen	12	0			0.10 ^	0.05
TOTAL	**1,303**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Metconazole (fungicide)						
Blueberries, Cultivated, Fresh	354	7	2	0.011 - 0.14	0.010 ^	0.40
Blueberries, Frozen	5	0			0.010 ^	0.40
Celery	348	0			0.010 ^	NT
Nectarines	681	0			0.002 ^	0.20
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.01
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.01
TOTAL	**2,009**	**7**				
Methamidophos (insecticide) (also a metabolite of Acephate)						
Apples	177	0			0.005 ^	0.02
Bananas	179	0			0.008 ^	0.02
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.033	0.02
Blueberries, Frozen	19	0			0.005 - 0.033	0.02
Broccoli	712	1	0.1	0.096 ^	0.050 ^	1.0
Carrots	708	0			0.024 ^	0.02
Celery	708	69	9.7	0.004 - 0.049	0.001 - 0.005	1 [5]
Cherries, Fresh	228	0			0.033 ^	0.02
Cherries, Frozen	282	0			0.033 ^	0.02
Grape Juice	531	0			0.005 ^	0.02
Green Beans, Canned	378	47	12.4	0.002 - 0.060	0.001 ^	1 [6]
Green Beans, Fresh	757	124	16.4	0.020 - 0.63	0.020 ^	1 [6]
Green Beans, Frozen	378	79	20.9	0.002 - 0.079	0.001 ^	1 [6]
Nectarines	681	0			0.025 ^	0.02
Peaches	707	0			0.050 ^	0.02
Strawberries	176	0			0.005 ^	0.02
Summer Squash	531	0			0.005 - 0.10	0.02
Sweet Corn, Fresh	134	0			0.005 - 0.020	0.02
Sweet Corn, Frozen	41	0			0.005 - 0.020	0.02
Tomatoes	177	0			0.001 ^	2.0
Watermelon	390	2	0.5	0.009 - 0.018	0.005 ^	0.02
TOTAL	**8,582**	**322**				
Methidathion (insecticide)						
Apples	177	0			0.010 ^	0.05
Bananas	179	0			0.006 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.012	NT
Blueberries, Frozen	19	0			0.003 - 0.012	NT
Broccoli	712	0			0.010 ^	NT
Celery	708	0			0.002 - 0.003	NT
Cherries, Fresh	228	0			0.012 ^	0.05
Cherries, Frozen	282	0			0.012 ^	0.05
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Nectarines	681	0			0.001 - 0.003	0.05
Peaches	707	0			0.010 ^	0.05
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**6,771**	**0**				
Methiocarb (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	708	0			0.001 - 0.010	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.001 ^	NT
TOTAL	**2,536**	**0**				
Methiocarb sulfone (metabolite of Methiocarb)						
Apples	177	0			0.001 ^	NT
Grape Juice	531	0			0.001 ^	NT
Strawberries	176	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**1,364**	**0**				
Methiocarb sulfoxide (metabolite of Methiocarb)						
Apples	177	0			0.001 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Grape Juice	531	0			0.001 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**2,341**	**0**				
Methomyl (insecticide)						
Apples	177	1	0.6	0.070 ^	0.030 ^	1
Bananas	179	0			0.013 ^	NT
Blueberries, Cultivated, Fresh	688	35	5.1	0.013 - 2.5	0.013 - 0.020	6
Blueberries, Frozen	19	0			0.013 - 0.020	6
Broccoli	712	2	0.3	0.012 - 0.15	0.010 ^	3
Carrots	708	0			0.015 ^	0.2
Celery	708	13	1.8	0.010 - 0.13	0.002 - 0.020	3
Cherries, Fresh	228	0			0.013 ^	NT
Cherries, Frozen	282	0			0.013 ^	NT
Grape Juice	473	0			0.030 ^	5
Green Beans, Canned	378	0			0.002 ^	2
Green Beans, Fresh	757	51	6.7	0.001 - 1.1	0.001 ^	2

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Frozen	378	0			0.002 ^	2
Nectarines	681	0			0.003 - 0.010	5
Peaches	707	12	1.7	0.013 - 0.98	0.010 ^	5
Strawberries (V-3)	176	3	1.7	0.011 - 0.055	0.010 ^	NT
Summer Squash	531	4	0.8	0.005 - 0.045	0.005 - 0.020	0.2
Sweet Corn, Fresh	134	1	0.7	0.001 ^	0.001 - 0.010	0.1
Sweet Corn, Frozen	41	0			0.001 - 0.010	0.1
Tomatoes	177	0			0.002 ^	1
Watermelon	358	1	0.3	0.066 ^	0.030 ^	0.2
TOTAL	**8,492**	**123**				
Methoprene (insect growth regulator)						
Celery	360	0			0.015 ^	EX2
Green Beans, Canned	378	0			0.015 ^	EX2
Green Beans, Fresh	757	0			0.040 - 0.40	EX2
Green Beans, Frozen	378	0			0.015 ^	EX2
Sweet Corn, Fresh	56	0			0.025 ^	EX2
Sweet Corn, Frozen	29	0			0.025 ^	EX2
Tomatoes	177	0			0.015 ^	EX2
TOTAL	**2,135**	**0**				
Methoxychlor Total (insecticide)						
Bananas	179	0			0.008 - 0.016	NT
Blueberries, Cultivated, Fresh	334	0			0.039 ^	NT
Blueberries, Frozen	14	0			0.039 ^	NT
Celery	360	0			0.001 ^	NT
Cherries, Fresh	228	0			0.039 ^	NT
Cherries, Frozen	282	0			0.039 ^	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Tomatoes	177	0			0.001 ^	NT
TOTAL	**2,330**	**0**				
Methoxychlor olefin (metabolite of Methoxychlor)						
Celery	360	0			0.001 ^	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Tomatoes	177	0			0.001 ^	NT
TOTAL	**1,293**	**0**				
Methoxychlor p,p' (isomer of Methoxychlor)						
Blueberries, Cultiv., Fresh (V-3)	354	3	0.8	0.005 - 0.007	0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 - 0.020	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**2,662**	**3**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Methoxyfenozide (insecticide)						
Apples	177	7	4	0.004 - 0.024	0.003 ^	2.0
Bananas	179	0			0.006 ^	NT
Blueberries, Cultivated, Fresh	688	65	9.4	0.009 - 0.58	0.005 - 0.006	3.0
Blueberries, Frozen	19	1	5.3	0.012 ^	0.005 - 0.006	3.0
Broccoli	712	2	0.3	0.012 - 0.017	0.010 ^	7.0
Carrots	708	1	0.1	0.007 ^	0.004 ^	0.90
Celery	708	165	23.3	0.002 - 0.077	0.001 - 0.005	25
Cherries, Fresh	228	18	7.9	0.006 - 0.067	0.006 ^	3.0
Cherries, Frozen	282	1	0.4	0.007 ^	0.006 ^	3.0
Grape Juice	531	63	11.9	0.003 - 0.030	0.003 ^	1.0
Green Beans, Canned	378	0			0.001 ^	1.5
Green Beans, Fresh	757	24	3.2	0.002 - 0.081	0.002 ^	1.5
Green Beans, Frozen	378	0			0.001 ^	1.5
Nectarines	681	93	13.7	0.003 - 0.099	0.002 ^	3.0
Peaches	707	106	15	0.010 - 0.20	0.010 ^	3.0
Strawberries	176	41	23.3	0.003 - 0.21	0.003 ^	2.0
Summer Squash	531	0			0.005 - 0.010	0.3
Sweet Corn, Fresh	134	0			0.002 - 0.003	0.05
Sweet Corn, Frozen	41	0			0.002 - 0.003	0.05
Tomatoes	177	15	8.5	0.002 - 0.015	0.001 ^	2.0
Watermelon	390	0			0.003 ^	0.3
TOTAL	**8,582**	**602**				
Metolachlor (herbicide)						
Apples	177	0			0.001 ^	NT
Bananas	179	0			0.007 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.007	0.15
Blueberries, Frozen	19	0			0.003 - 0.007	0.15
Broccoli	712	0			0.005 ^	0.60
Carrots	708	5	0.7	0.002 - 0.059	0.001 ^	0.40
Celery	708	12	1.7	0.002 - 0.008	0.001 - 0.003	0.10
Cherries, Fresh	228	0			0.007 ^	NT
Cherries, Frozen	282	0			0.007 ^	NT
Grape Juice	531	0			0.001 ^	NT
Green Beans, Canned	378	0			0.001 ^	0.30
Green Beans, Fresh	757	1	0.1	0.006 ^	0.005 ^	0.30
Green Beans, Frozen	378	0			0.001 ^	0.30
Peaches	692	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.10
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.10
Tomatoes	177	0			0.001 ^	0.10
Watermelon	390	0			0.001 ^	0.10
TOTAL	**7,625**	**18**				
Metolcarb (insecticide, acaricide)						
Strawberries	176	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**266**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Metribuzin (herbicide)						
Apples	147	0			0.005 ^	NT
Bananas	179	0			0.004 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.016	NT
Blueberries, Frozen	19	0			0.005 - 0.016	NT
Carrots	708	1	0.1	0.003 ^	0.002 ^	0.3
Celery	708	0			0.002 - 0.005	NT
Cherries, Fresh	228	0			0.016 ^	NT
Cherries, Frozen	282	0			0.016 ^	NT
Grape Juice	531	0			0.005 ^	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Fresh	757	0			0.002 ^	NT
Green Beans, Frozen (V-1)	378	1	0.3	0.003 ^	0.002 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.005 ^	0.05
Sweet Corn, Frozen	41	0			0.005 ^	0.05
Tomatoes	177	0			0.002 ^	0.1
Watermelon	390	0			0.005 ^	NT
TOTAL	**6,191**	**2**				
Mevinphos (insecticide)						
Apples	177	0			0.002 ^	NT
Bananas	179	0			0.006 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.006	NT
Blueberries, Frozen	19	0			0.003 - 0.006	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.002 - 0.005	NT
Cherries, Fresh	228	0			0.006 ^	NT
Cherries, Frozen	282	0			0.006 ^	NT
Grape Juice	531	0			0.002 ^	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Fresh	757	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	NT
Sweet Corn, Frozen	41	0			0.003 - 0.005	NT
Tomatoes	177	0			0.005 ^	NT
Watermelon	390	0			0.002 ^	NT
TOTAL	**6,932**	**0**				
MGK-264 (insecticide)						
Apples	177	0			0.10 ^	5
Bananas	179	0			0.030 ^	5
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.030	5
Blueberries, Frozen	19	0			0.003 - 0.030	5
Carrots	708	0			0.001 ^	5
Celery	348	0			0.003 ^	5
Cherries, Fresh	228	0			0.030 ^	5
Cherries, Frozen	282	0			0.030 ^	5
Grape Juice	531	0			0.10 ^	5

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Fresh	757	0			0.020 ^	5
Nectarines	681	0			0.001 ^	5
Strawberries	176	0			0.003 ^	5
Summer Squash	531	0			0.003 - 0.040	5
Sweet Corn, Fresh	134	0			0.003 - 0.005	5
Sweet Corn, Frozen	41	0			0.003 - 0.005	5
Tomatoes	177	0			0.002 ^	5
Watermelon	390	0			0.10 ^	5
TOTAL	**6,047**	**0**				
Monocrotophos (insecticide)						
Bananas	179	0			0.004 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.017	NT
Blueberries, Frozen	19	0			0.005 - 0.017	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.017 ^	NT
Cherries, Frozen (V-3)	282	3	1.1	0.023 - 0.057	0.017 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash (V-1)	270	1	0.4	0.46 ^	0.005 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**3,699**	**4**				
Monolinuron (herbicide)						
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**266**	**0**				
Myclobutanil (fungicide)						
Apples	177	4	2.3	0.003 - 0.005	0.003 ^	0.5
Bananas	179	31	17.3	0.003 - 0.10	0.001 ^	4.0
Blueberries, Cultivated, Fresh	688	0			0.001 - 0.010	NT
Blueberries, Frozen	19	0			0.001 - 0.010	NT
Broccoli	712	0			0.005 ^	0.03
Carrots	708	2	0.3	0.003 ^	0.002 ^	0.03
Celery	708	12	1.7	0.002 - 0.012	0.001 - 0.010	0.03
Cherries, Fresh	228	67	29.4	0.001 - 0.16	0.001 ^	5.0
Cherries, Frozen	282	26	9.2	0.001 - 0.086	0.001 ^	5.0
Grape Juice	531	0			0.003 ^	1.0
Green Beans, Canned	378	2	0.5	0.002 - 0.005	0.001 ^	1.0
Green Beans, Fresh	757	22	2.9	0.006 - 0.11	0.005 ^	1.0
Green Beans, Frozen	378	4	1.1	0.002 - 0.041	0.001 - 0.003	1.0
Nectarines	680	45	6.6	0.003 - 0.095	0.002 ^	2.0
Peaches	707	38	5.4	0.005 - 0.14	0.005 ^	2.0
Strawberries	176	31	17.6	0.012 - 0.23	0.010 ^	0.50
Summer Squash	531	13	2.4	0.010 - 0.031	0.010 - 0.020	0.20
Sweet Corn, Fresh	134	0			0.010 ^	0.03
Sweet Corn, Frozen	41	0			0.010 ^	0.03

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	14	7.9	0.003 - 0.051	0.003 ^	0.30
Watermelon	390	1	0.3	0.003 ^	0.003 ^	0.20
TOTAL	**8,581**	**312**				
Naled (insecticide)						
Apples	177	0			0.020 ^	0.5
Carrots	708	0			0.025 ^	0.5
Grape Juice	322	0			0.020 ^	0.5
Nectarines	681	0			0.015 ^	0.5
Watermelon	359	0			0.020 ^	0.5
TOTAL	**2,247**	**0**				
1-Naphthol (metabolite of Carbaryl)						
Apples	177	1	0.6	0.48 ^	0.015 ^	12
Carrots	708	0			0.050 ^	2.0
Green Beans, Fresh	726	9	1.2	0.018 - 0.29	0.006 - 0.060	10
Nectarines	681	1	0.1	0.13 ^	0.015 ^	10
Summer Squash	261	1	0.4	0.030 ^	0.020 ^	3.0
Sweet Corn, Fresh	56	0			0.010 ^	0.1
Sweet Corn, Frozen	29	0			0.010 ^	0.1
Watermelon	390	0			0.015 ^	3.0
TOTAL	**3,028**	**12**				
Napropamide (herbicide)						
Apples	177	0			0.005 ^	NT
Bananas	179	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.020	0.1
Blueberries, Frozen	19	0			0.005 - 0.020	0.1
Broccoli	712	0			0.010 ^	0.1
Celery	708	0			0.002 - 0.005	NT
Cherries, Fresh	228	0			0.020 ^	NT
Cherries, Frozen	282	0			0.020 ^	NT
Grape Juice	531	0			0.005 ^	0.1
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	0.1
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.002 ^	0.1
Watermelon	390	0			0.005 ^	NT
TOTAL	**6,090**	**0**				
Nicosulfuron (herbicide)						
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.1
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.1
TOTAL	**351**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Nitrapyrin (nitrification inhibitor)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.005 ^	0.1
Sweet Corn, Frozen	41	0			0.005 ^	0.1
TOTAL	**351**	**0**				
Nitrofen (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Norflurazon (herbicide)						
Apples	177	0			0.002 ^	0.1
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.010	0.2
Blueberries, Frozen	19	0			0.005 - 0.010	0.2
Broccoli	712	0			0.010 ^	NT
Celery (V-2)	708	2	0.3	0.002 - 0.005	0.001 - 0.010	NT
Cherries, Fresh	228	0			0.005 ^	0.1
Cherries, Frozen	282	0			0.005 ^	0.1
Grape Juice	531	0			0.002 ^	0.1
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	681	0			0.001 ^	0.1
Peaches	707	0			0.010 ^	0.1
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.002 ^	NT
TOTAL	**6,771**	**2**				
Norflurazon desmethyl (metabolite of Norflurazon)						
Apples	177	0			0.005 ^	0.1
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 ^	0.2
Blueberries, Frozen	19	0			0.010 ^	0.2
Broccoli	712	0			0.010 ^	NT
Celery (V-4)	708	4	0.6	0.002 - 0.020	0.001 - 0.010	NT
Cherries, Fresh	228	0			0.010 ^	NT
Cherries, Frozen	282	0			0.010 ^	NT
Grape Juice	531	0			0.005 ^	0.1
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	680	0			0.005 ^	0.1
Peaches	707	0			0.010 ^	0.1
Strawberries	176	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.005 ^	NT
TOTAL	**6,770**	**4**				
Novaluron (insecticide)						
Bananas	179	0			0.010 ^	0.01
Blueberries, Cultivated, Fresh	688	2	0.3	0.015 - 0.024	0.010 - 0.020	7.0
Blueberries, Frozen	19	0			0.010 - 0.020	7.0
Broccoli	712	0			0.010 ^	0.50
Carrots	708	0			0.005 ^	0.01
Celery	708	0			0.001 - 0.020	0.01
Cherries, Fresh	228	0			0.010 ^	8.0
Cherries, Frozen	282	4	1.4	0.034 - 0.091	0.010 ^	8.0
Green Beans, Canned	378	0			0.001 - 0.003	0.60
Green Beans, Fresh	757	0			0.050 ^	0.60
Green Beans, Frozen	378	0			0.001 - 0.003	0.60
Nectarines	680	0			0.001 ^	1.9
Peaches	707	3	0.4	0.012 - 0.051	0.010 ^	1.9
Strawberries	176	27	15.3	0.020 - 0.10	0.020 ^	0.45
Summer Squash	531	0			0.020 - 0.050	0.15
Sweet Corn, Fresh	134	0			0.020 - 0.050	0.05
Sweet Corn, Frozen	41	0			0.020 - 0.050	0.05
Tomatoes	177	2	1.1	0.002 - 0.006	0.001 ^	1.0
TOTAL	**7,483**	**38**				
Omethoate (insecticide) (also a metabolite of Dimethoate)						
Apples	177	0			0.020 ^	NT
Bananas	179	0			0.019 ^	NT
Blueberries, Cultivated, Fresh	688	2	0.3	0.040 - 0.062	0.005 - 0.010	1.0
Blueberries, Frozen	19	0			0.005 - 0.010	1.0
Broccoli	712	0			0.010 ^	2.0
Celery	708	44	6.2	0.005 - 0.043	0.002 - 0.008	2.0
Cherries, Fresh	228	1	0.4	0.15 ^	0.010 ^	2.0
Cherries, Frozen	282	26	9.2	0.012 - 0.19	0.010 ^	2.0
Grape Juice	531	0			0.020 ^	NT
Green Beans, Canned	378	0			0.002 ^	2.0
Green Beans, Fresh	757	41	5.4	0.006 - 0.34	0.006 ^	2.0
Green Beans, Frozen	378	0			0.002 ^	2.0
Nectarines	681	0			0.060 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries (V-1)	176	1	0.6	0.003 ^	0.003 ^	NT
Summer Squash	531	0			0.005 - 0.015	NT
Sweet Corn, Fresh	134	0			0.003 - 0.006	NT
Sweet Corn, Frozen	41	0			0.003 - 0.006	NT
Tomatoes	177	4	2.3	0.004 - 0.009	0.002 ^	2.0
Watermelon	390	0			0.020 ^	1.0
TOTAL	**7,874**	**119**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Oryzalin (herbicide)						
Apples	177	0			0.020 ^	0.05
Bananas	179	0			0.050 ^	NT
Blueberries, Cultivated, Fresh	688	1	0.1	0.021 ^	0.020 - 0.099	0.05
Blueberries, Frozen	19	0			0.020 - 0.099	0.05
Broccoli	712	0			0.10 ^	NT
Celery	348	0			0.020 ^	NT
Cherries, Fresh	228	0			0.099 ^	0.05
Cherries, Frozen	282	0			0.099 ^	0.05
Grape Juice	531	0			0.020 ^	0.05
Nectarines	679	2	0.3	0.017 ^	0.010 - 0.033	0.05
Peaches	707	0			0.020 ^	0.05
Strawberries	176	0			0.020 ^	0.05
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
Watermelon	390	0			0.020 ^	NT
TOTAL	**5,476**	**3**				
Oxadiazon (herbicide)						
Apples	177	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Grape Juice	531	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**2,341**	**0**				
Oxadixyl (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Broccoli	712	0			0.010 ^	NT
Celery	708	0			0.003 ^	NT
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.003 ^	NT
TOTAL	**3,955**	**0**				
Oxamyl (insecticide)						
Apples	177	0			0.003 ^	2
Bananas	179	0			0.008 ^	0.3
Blueberries, Cultivated, Fresh	688	0			0.004 - 0.010	NT
Blueberries, Frozen	19	0			0.004 - 0.010	NT
Broccoli	712	0			0.010 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Carrots	708	0			0.008 ^	0.1
Celery	708	69	9.7	0.003 - 0.089	0.002 - 0.010	10.0
Cherries, Fresh	228	0			0.004 ^	NT
Cherries, Frozen	282	0			0.004 ^	NT
Grape Juice	531	0			0.003 ^	NT
Green Beans, Canned	378	0			0.006 ^	NT
Green Beans, Fresh (V-3)	757	3	0.4	0.011 - 0.14	0.002 ^	NT
Green Beans, Frozen	378	0			0.006 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries (V-1)	176	1	0.6	0.033 ^	0.005 ^	NT
Summer Squash	531	17	3.2	0.011 - 1.3	0.010 ^	2.0
Sweet Corn, Fresh	134	0			0.002 - 0.005	NT
Sweet Corn, Frozen	41	0			0.002 - 0.005	NT
Tomatoes	177	7	4	0.003 - 0.045	0.002 ^	2
Watermelon	390	11	2.8	0.004 - 0.033	0.003 ^	2.0
TOTAL	**7,901**	**108**				
Oxamyl oxime (metabolite of Oxamyl)						
Apples	177	2	1.1	0.009 - 0.015	0.006 ^	2
Bananas	179	4	2.2	0.025 - 0.17	0.020 - 0.040	0.3
Blueberries, Cultivated, Fresh	688	0			0.020 - 0.040	NT
Blueberries, Frozen	19	0			0.020 - 0.040	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	2	0.6	0.026 - 0.027	0.020 ^	10.0
Cherries, Fresh	228	0			0.040 ^	NT
Cherries, Frozen	282	0			0.040 ^	NT
Grape Juice	412	0			0.003 - 0.006	NT
Green Beans, Fresh (V-1)	757	1	0.1	0.060 ^	0.050 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries (V-1)	176	1	0.6	0.020 ^	0.010 ^	NT
Summer Squash	531	6	1.1	0.059 - 0.098	0.020 - 0.060	2.0
Sweet Corn, Fresh	134	0			0.010 - 0.050	NT
Sweet Corn, Frozen	41	0			0.010 - 0.050	NT
Watermelon	390	13	3.3	0.007 - 0.13	0.006 ^	2.0
TOTAL	**5,781**	**29**				
Oxydemeton methyl (insecticide)						
Apples	177	0			0.002 ^	NT
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.005	NT
Blueberries, Frozen	19	0			0.003 - 0.005	NT
Broccoli	712	1	0.1	0.044 ^	0.010 ^	1.0
Celery	348	0			0.003 ^	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Grape Juice	531	0			0.002 ^	NT
Green Beans, Fresh	757	0			0.002 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	2.0
Summer Squash	531	0			0.003 - 0.010	1.0
Sweet Corn, Fresh	134	0			0.002 - 0.003	0.5

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Frozen	41	0			0.002 - 0.003	0.5
Watermelon	390	0			0.002 ^	0.2
TOTAL	**5,900**	**1**				
Oxydemeton methyl sulfone (metabolite of Oxydemeton methyl)						
Apples	177	0			0.002 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Broccoli	712	0			0.010 ^	1.0
Celery	708	0			0.005 - 0.012	NT
Grape Juice	531	0			0.002 ^	NT
Green Beans, Canned	378	0			0.012 ^	NT
Green Beans, Fresh	757	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.012 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	2.0
Summer Squash	531	0			0.005 - 0.010	1.0
Sweet Corn, Fresh	134	0			0.001 - 0.005	0.5
Sweet Corn, Frozen	41	0			0.001 - 0.005	0.5
Tomatoes	177	0			0.012 ^	NT
Watermelon	390	0			0.002 ^	0.2
TOTAL	**6,156**	**0**				
Oxyfluorfen (herbicide)						
Apples	177	0			0.050 ^	0.05
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Broccoli	712	0			0.005 ^	0.05
Celery (V-1)	708	1	0.1	0.002 ^	0.001 - 0.010	NT
Grape Juice	531	0			0.050 ^	0.05
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	681	0			0.006 ^	0.05
Peaches	707	0			0.005 ^	0.05
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.050 ^	NT
TOTAL	**5,734**	**1**				
Paclobutrazol (plant growth regulator)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.007 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.007 - 0.010	NT
Blueberries, Frozen	19	0			0.007 - 0.010	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.007 ^	NT
Cherries, Frozen	282	0			0.007 ^	NT
Grape Juice	531	0			0.010 ^	NT
Nectarines	681	0			0.025 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**5,478**	**0**				
Parathion (insecticide)						
Apples	177	0			0.005 ^	NT
Bananas	179	0			0.060 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.059	NT
Blueberries, Frozen	19	0			0.005 - 0.059	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.003 - 0.005	NT
Cherries, Fresh	228	0			0.059 ^	NT
Cherries, Frozen	282	0			0.059 ^	NT
Grape Juice	531	0			0.005 ^	NT
Green Beans, Canned	378	0			0.003 - 0.010	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 - 0.020	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.003 ^	NT
Watermelon	390	0			0.005 ^	NT
TOTAL	**6,090**	**0**				
Parathion methyl (insecticide)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.016 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.016	NT
Blueberries, Frozen	19	0			0.005 - 0.016	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.002 - 0.005	NT
Cherries, Fresh	228	0			0.016 ^	NT
Cherries, Frozen	282	0			0.016 ^	NT
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.002 - 0.008	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 - 0.020	NT
Sweet Corn, Fresh	134	0			0.005 ^	1.0
Sweet Corn, Frozen	41	0			0.005 ^	1.0
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**6,175**	**0**				
Parathion methyl oxygen analog (metabolite of Parathion methyl)						
Apples	147	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	708	0			0.005 - 0.010	NT
Grape Juice	531	0			0.020 ^	NT
Green Beans, Canned	378	0			0.005 ^	NT
Green Beans, Frozen	378	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.010	1.0
Sweet Corn, Frozen	41	0			0.005 - 0.010	1.0
Tomatoes	177	0			0.005 ^	NT
Watermelon	390	0			0.020 ^	NT
TOTAL	**3,689**	**0**				
Parathion oxygen analog (metabolite of Parathion)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	708	0			0.003 - 0.010	NT
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Frozen	378	0			0.003 - 0.010	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Tomatoes	177	0			0.003 ^	NT
TOTAL	**2,536**	**0**				
Pebulate (herbicide)						
Broccoli	712	0			0.005 ^	NT
Peaches	707	0			0.005 ^	NT
TOTAL	**1,419**	**0**				
Penconazole (fungicide)						
Bananas	179	0			0.006 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.006 - 0.010	NT
Blueberries, Frozen	19	0			0.006 - 0.010	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.006 ^	NT
Cherries, Frozen	282	0			0.006 ^	NT
Nectarines	681	0			0.003 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**4,380**	**0**				
Pencycuron (fungicide)						
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.005	NT
Blueberries, Frozen	19	0			0.003 - 0.005	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Cherries, Fresh	228	0			0.003 ^	NT
Cherries, Frozen	282	0			0.003 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**3,699**	**0**				
Pendimethalin (herbicide)						
Apples	177	0			0.050 ^	0.10
Bananas	179	0			0.032 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.032	NT
Blueberries, Frozen	19	0			0.005 - 0.032	NT
Broccoli	712	2	0.3	0.007 - 0.009	0.005 - 0.010	0.1
Carrots	708	7	1	0.010 ^	0.006 ^	0.5
Celery (V-5)	708	5	0.7	0.002 - 0.009	0.001 - 0.005	NT
Cherries, Fresh	228	0			0.032 ^	0.10
Cherries, Frozen	282	0			0.032 ^	0.10
Grape Juice	531	0			0.10 ^	0.1
Green Beans, Canned	378	2	0.5	0.002 ^	0.001 ^	0.10
Green Beans, Fresh	757	0			0.040 ^	0.10
Green Beans, Frozen	378	9	2.4	0.002 - 0.012	0.001 ^	0.10
Nectarines	681	8	1.2	0.010 ^	0.006 ^	0.10
Peaches	707	1	0.1	0.005 ^	0.005 ^	0.10
Strawberries	176	0			0.005 ^	0.10
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.040	0.1
Sweet Corn, Frozen	41	0			0.005 - 0.040	0.1
Tomatoes	177	0			0.001 ^	0.10
Watermelon	390	0			0.050 ^	0.10
TOTAL	**8,321**	**34**				
Penflufen (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Green Beans, Fresh	757	0			0.001 ^	0.01
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.001 - 0.003	NT
Sweet Corn, Frozen	41	0			0.001 - 0.003	NT
TOTAL	**2,085**	**0**				
Pentachloroaniline - PCA (metabolite of Quintozene)						
Apples	177	0			0.004 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Broccoli	712	0			0.005 ^	0.1
Carrots (V-20)	708	20	2.8	0.003 - 0.020	0.002 ^	NT
Celery	708	0			0.001 - 0.003	NT
Grape Juice	531	0			0.004 ^	NT
Green Beans, Canned	378	1	0.3	0.002 ^	0.001 ^	0.1

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Fresh	726	0			0.060 ^	0.1
Green Beans, Frozen	378	0			0.001 ^	0.1
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash (V-6)	531	6	1.1	0.003 - 0.007	0.003 - 0.12	NT
Sweet Corn, Fresh	134	0			0.003 - 0.060	NT
Sweet Corn, Frozen	41	0			0.003 - 0.060	NT
Tomatoes	177	0			0.001 ^	0.1
Watermelon (V-1)	390	1	0.3	0.006 ^	0.004 ^	NT
TOTAL	**6,833**	**28**				
Pentachlorobenzene - PCB (metabolite of Quintozene)						
Apples	177	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Broccoli	712	0			0.005 ^	0.1
Carrots (V-1)	708	1	0.1	0.020 ^	0.001 ^	NT
Celery	708	0			0.005 - 0.008	NT
Grape Juice	531	0			0.005 ^	NT
Green Beans, Canned	378	0			0.008 - 0.015	0.1
Green Beans, Fresh	506	0			0.015 ^	0.1
Green Beans, Frozen	378	0			0.008 ^	0.1
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash (V-1)	531	1	0.2	0.008 ^	0.005 - 0.010	NT
Sweet Corn, Fresh	134	0			0.005 - 0.015	NT
Sweet Corn, Frozen	41	0			0.005 - 0.015	NT
Tomatoes	177	0			0.010 ^	0.1
Watermelon	390	0			0.005 ^	NT
TOTAL	**6,613**	**2**				
Pentachlorophenyl methyl sulfide (metabolite of Quintozene)						
Apples	177	0			0.005 ^	NT
Broccoli	712	0			0.005 ^	0.1
Carrots (V-1)	708	1	0.1	0.007 ^	0.002 ^	NT
Celery	360	0			0.003 ^	NT
Grape Juice	531	0			0.005 ^	NT
Green Beans, Fresh	631	0			0.025 ^	0.1
Peaches	707	0			0.005 ^	NT
Summer Squash	261	0			0.050 ^	NT
Sweet Corn, Fresh	56	0			0.025 ^	NT
Sweet Corn, Frozen	29	0			0.025 ^	NT
Watermelon	390	0			0.005 ^	NT
TOTAL	**4,562**	**1**				
Penthiopyrad (fungicide)						
Blueberries, Cultivated, Fresh	295	0			0.003 ^	3.0
Blueberries, Frozen	5	0			0.003 ^	3.0
Carrots	708	31	4.4	0.003 - 0.034	0.002 ^	3.0
Celery	319	11	3.4	0.006 - 0.076	0.003 ^	30
Green Beans, Fresh	757	78	10.3	0.001 - 0.24	0.001 ^	4.0
Nectarines	681	11	1.6	0.002 - 0.090	0.001 ^	4.0
Strawberries	176	16	9.1	0.007 - 1.5	0.003 ^	3.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Summer Squash	531	2	0.4	0.007 - 0.20	0.003 - 0.005	0.60
Sweet Corn, Fresh	134	0			0.001 - 0.003	0.01
Sweet Corn, Frozen	41	0			0.001 - 0.003	0.01
Tomatoes	177	14	7.9	0.003 - 0.044	0.002 ^	3.0
TOTAL	**3,824**	**163**				
Permethrin Total (insecticide)						
Broccoli	712	10	1.4	0.010 - 0.16	0.010 ^	2.0
Carrots	708	0			0.004 ^	NT
Green Beans, Fresh (V-3)	757	3	0.4	0.073 - 0.11	0.040 ^	NT
Nectarines	681	17	2.5	0.007 - 0.72	0.004 ^	1.0
Peaches	707	17	2.4	0.012 - 0.46	0.010 ^	1.0
Summer Squash	261	0			0.040 ^	1.5
Sweet Corn, Fresh	56	0			0.005 ^	0.10
Sweet Corn, Frozen	29	0			0.005 ^	0.10
TOTAL	**3,911**	**47**				
Permethrin cis (isomer of Permethrin)						
Apples	177	0			0.010 ^	0.05
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.020	NT
Blueberries, Frozen	19	0			0.005 - 0.020	NT
Celery	708	257	36.3	0.002 - 0.23	0.001 - 0.005	5.0
Cherries, Fresh	228	1	0.4	0.14 ^	0.020 ^	4.0
Cherries, Frozen	282	27	9.6	0.020 - 0.39	0.020 ^	4.0
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned (V-1)	378	1	0.3	0.004 ^	0.001 ^	NT
Green Beans, Frozen (V-1)	378	1	0.3	0.002 ^	0.001 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	1	0.4	0.020 ^	0.005 ^	1.5
Sweet Corn, Fresh	78	0			0.005 ^	0.10
Sweet Corn, Frozen	12	0			0.005 ^	0.10
Tomatoes	177	8	4.5	0.002 - 0.017	0.001 ^	2.0
Watermelon	390	0			0.010 ^	1.5
TOTAL	**4,671**	**296**				
Permethrin trans (isomer of Permethrin)						
Apples	177	0			0.010 ^	0.05
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.010	NT
Blueberries, Frozen	19	0			0.005 - 0.010	NT
Celery	708	230	32.5	0.002 - 0.26	0.001 - 0.005	5.0
Cherries, Fresh	228	1	0.4	0.21 ^	0.010 ^	4.0
Cherries, Frozen	282	29	10.3	0.014 - 0.56	0.010 ^	4.0
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned (V-1)	378	1	0.3	0.005 ^	0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	1	0.4	0.015 ^	0.005 ^	1.5
Sweet Corn, Fresh	78	0			0.005 ^	0.10
Sweet Corn, Frozen	12	0			0.005 ^	0.10

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	9	5.1	0.002 - 0.020	0.001 ^	2.0
Watermelon	390	0			0.010 ^	1.5
TOTAL	**4,671**	**271**				
Phenothrin (insecticide)						
Apples	177	0			0.050 ^	0.01
Bananas	179	0			0.018 ^	0.01
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.15	0.01
Blueberries, Frozen	19	0			0.005 - 0.15	0.01
Broccoli	712	0			0.005 ^	0.01
Carrots	708	0			0.003 ^	0.01
Celery	708	0			0.002 - 0.005	0.01
Cherries, Fresh	228	0			0.15 ^	0.01
Cherries, Frozen	282	0			0.15 ^	0.01
Grape Juice	531	0			0.050 ^	0.01
Green Beans, Canned	378	0			0.002 ^	0.01
Green Beans, Fresh	757	0			0.030 ^	0.01
Green Beans, Frozen	378	0			0.002 ^	0.01
Nectarines	681	0			0.003 ^	0.01
Peaches	707	0			0.005 ^	0.01
Strawberries	176	0			0.005 ^	0.01
Summer Squash	531	0			0.005 - 0.030	0.01
Sweet Corn, Fresh	134	0			0.005 ^	0.01
Sweet Corn, Frozen	41	0			0.005 ^	0.01
Tomatoes	177	0			0.002 ^	0.01
Watermelon	390	0			0.050 ^	0.01
TOTAL	**8,582**	**0**				
Phenthoate (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	708	0			0.001 - 0.003	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.001 ^	NT
TOTAL	**2,536**	**0**				
o-Phenylphenol (fungicide)						
Apples	177	2	1.1	0.005 - 0.007	0.005 ^	25
Carrots	708	0			0.004 ^	20
Grape Juice	531	0			0.005 ^	NT
Nectarines	681	2	0.3	0.007 ^	0.004 ^	5
Tomatoes	177	0			0.001 ^	10
Watermelon	390	0			0.005 ^	NT
TOTAL	**2,664**	**4**				
Phorate (insecticide)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.042 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.17	NT
Blueberries, Frozen	19	0			0.010 - 0.17	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.002 - 0.010	NT
Cherries, Fresh	228	0			0.17 ^	NT
Cherries, Frozen	282	0			0.17 ^	NT
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.002 ^	0.05
Green Beans, Fresh	757	0			0.060 ^	0.05
Green Beans, Frozen	378	0			0.002 ^	0.05
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.010 - 0.060	0.05
Sweet Corn, Frozen	41	0			0.010 - 0.060	0.05
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**6,932**	**0**				
Phorate oxygen analog (metabolite of Phorate)						
Apples	177	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	708	0			0.001 - 0.005	NT
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.001 ^	0.05
Green Beans, Fresh	757	0			0.001 ^	0.05
Green Beans, Frozen	378	0			0.001 ^	0.05
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.001 - 0.005	0.05
Sweet Corn, Frozen	41	0			0.001 - 0.005	0.05
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**4,476**	**0**				
Phorate oxygen analog sulfone (metabolite of Phorate)						
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.010	NT
Blueberries, Frozen	19	0			0.003 - 0.010	NT
Celery	348	0			0.003 ^	NT
Cherries, Fresh	228	0			0.010 ^	NT
Cherries, Frozen	282	0			0.010 ^	NT
Green Beans, Fresh	757	0			0.002 ^	0.05
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.002 - 0.003	0.05
Sweet Corn, Frozen	41	0			0.002 - 0.003	0.05
TOTAL	**3,122**	**0**				
Phorate oxygen analog sulfoxide (metabolite of Phorate)						
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.005	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Blueberries, Frozen	19	0			0.003 - 0.005	NT
Celery	348	0			0.003 ^	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Green Beans, Fresh	757	0			0.002 ^	0.05
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.002 - 0.003	0.05
Sweet Corn, Frozen	41	0			0.002 - 0.003	0.05
TOTAL	**3,122**	**0**				
Phorate sulfone (metabolite of Phorate)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.030 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.030	NT
Blueberries, Frozen	19	0			0.005 - 0.030	NT
Celery	708	0			0.003 - 0.005	NT
Cherries, Fresh	228	0			0.030 ^	NT
Cherries, Frozen	282	0			0.030 ^	NT
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.003 ^	0.05
Green Beans, Fresh	757	0			0.005 ^	0.05
Green Beans, Frozen	378	0			0.003 - 0.010	0.05
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.05
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.05
Tomatoes	177	0			0.003 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**5,513**	**0**				
Phorate sulfoxide (metabolite of Phorate)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 ^	NT
Blueberries, Frozen	19	0			0.005 ^	NT
Broccoli	712	0			0.010 ^	NT
Celery	708	0			0.002 - 0.005	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.002 ^	0.05
Green Beans, Fresh	757	0			0.001 ^	0.05
Green Beans, Frozen	378	0			0.002 - 0.005	0.05
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.001 - 0.003	0.05
Sweet Corn, Frozen	41	0			0.001 - 0.003	0.05
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**6,932**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Phosalone (insecticide)						
Apples	177	0			0.001 ^	10.0
Bananas	179	0			0.026 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.013	NT
Blueberries, Frozen	19	0			0.005 - 0.013	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.002 - 0.005	NT
Cherries, Fresh	228	0			0.013 ^	15.0
Cherries, Frozen	282	0			0.013 ^	15.0
Grape Juice	531	0			0.001 ^	10.0
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Peaches	707	0			0.005 ^	15.0
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**6,090**	**0**				
Phosmet (insecticide)						
Apples	177	14	7.9	0.011 - 0.28	0.010 ^	10
Bananas	179	0			0.049 ^	NT
Blueberries, Cultivated, Fresh	688	167	24.3	0.006 - 1.7	0.005 - 0.025	10
Blueberries, Frozen	19	4	21.1	0.018 - 0.29	0.005 - 0.025	10
Broccoli	712	0			0.005 ^	NT
Carrots (V-3)	708	3	0.4	0.017 ^	0.010 ^	NT
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.025 ^	10
Cherries, Frozen	282	6	2.1	0.025 - 0.26	0.025 ^	10
Grape Juice	531	5	0.9	0.011 - 0.015	0.010 ^	10
Green Beans, Fresh	757	0			0.010 ^	NT
Nectarines	681	31	4.6	0.083 - 0.27	0.050 ^	5
Peaches	707	101	14.3	0.005 - 1.8	0.005 ^	10
Strawberries	176	0			0.005 ^	NT
Summer Squash	531	0			0.005 - 0.12	NT
Sweet Corn, Fresh	134	0			0.005 - 0.010	NT
Sweet Corn, Frozen	41	0			0.005 - 0.010	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**7,289**	**331**				
Phosmet oxygen analog (metabolite of Phosmet)						
Apples	30	1	3.3	0.005 ^	0.004 ^	10
Bananas	179	0			0.006 ^	NT
Blueberries, Cultivated, Fresh	688	105	15.3	0.003 - 0.065	0.003 - 0.006	10
Blueberries, Frozen	19	3	15.8	0.003 - 0.037	0.003 - 0.006	10
Carrots	708	0			0.002 ^	NT
Celery	348	0			0.003 ^	NT
Cherries, Fresh	228	0			0.006 ^	10
Cherries, Frozen	282	1	0.4	0.008 ^	0.006 ^	10
Green Beans, Fresh	757	0			0.001 ^	NT
Nectarines	677	9	1.3	0.002 - 0.004	0.001 ^	5

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Strawberries	176	0			0.003 ^	NT
Summer Squash	531	0			0.003 - 0.010	NT
Sweet Corn, Fresh	134	0			0.001 - 0.003	NT
Sweet Corn, Frozen	41	0			0.001 - 0.003	NT
Watermelon	252	0			0.004 ^	NT
TOTAL	**5,050**	**119**				
Phosphamidon (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Broccoli	712	0			0.010 ^	NT
Celery	708	0			0.003 - 0.005	NT
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.003 ^	NT
TOTAL	**3,955**	**0**				
Phoxim (insecticide)						
Bananas	179	0			0.049 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.024	NT
Blueberries, Frozen	19	0			0.003 - 0.024	NT
Celery	348	0			0.003 ^	NT
Cherries, Fresh	228	0			0.024 ^	NT
Cherries, Frozen	282	0			0.024 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**2,280**	**0**				
Picoxystrobin (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.005 ^	0.04
Sweet Corn, Frozen	41	0			0.005 ^	0.04
TOTAL	**1,328**	**0**				
Piperonyl butoxide (insecticide)						
Apples	177	0			0.005 ^	8
Bananas	179	0			0.013 ^	EX3
Blueberries, Cultivated, Fresh	688	1	0.1	0.037 ^	0.005 - 0.013	8
Blueberries, Frozen	19	0			0.005 - 0.013	8
Broccoli	712	0			0.005 ^	EX3
Carrots	708	0			0.003 ^	EX3
Celery	708	1	0.1	0.011 ^	0.005 ^	EX3

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Cherries, Fresh	228	0			0.013 ^	8
Cherries, Frozen	282	0			0.013 ^	8
Grape Juice	531	0			0.005 ^	8
Green Beans, Canned	378	0			0.005 ^	8
Green Beans, Fresh	757	0			0.030 ^	8
Green Beans, Frozen	378	0			0.005 ^	8
Nectarines	681	0			0.003 ^	8
Peaches	707	1	0.1	0.020 ^	0.005 ^	8
Strawberries	176	12	6.8	0.005 - 0.96	0.005 ^	EX3
Summer Squash	531	0			0.005 - 0.030	EX3
Sweet Corn, Fresh	134	0			0.005 - 0.025	EX3
Sweet Corn, Frozen	41	0			0.005 - 0.025	EX3
Tomatoes	177	13	7.3	0.005 - 0.29	0.003 ^	8
Watermelon	390	0			0.005 ^	EX3
TOTAL	**8,582**	**28**				
Pirimicarb (insecticide)						
Bananas	179	0			0.003 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.002 - 0.010	NT
Blueberries, Frozen	19	0			0.002 - 0.010	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.001 - 0.010	NT
Cherries, Fresh	228	0			0.002 ^	NT
Cherries, Frozen (V-2)	282	2	0.7	0.002 - 0.003	0.002 ^	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen (V-1)	378	1	0.3	0.002 ^	0.001 ^	NT
Nectarines	681	0			0.005 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.001 ^	NT
TOTAL	**5,673**	**3**				
Pirimicarb desmethyl (metabolite of Pirimicarb)						
Bananas	179	0			0.002 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.001 - 0.003	NT
Blueberries, Frozen	19	0			0.001 - 0.003	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.003 ^	NT
Cherries, Fresh	228	0			0.001 ^	NT
Cherries, Frozen	282	0			0.001 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**3,699**	**0**				
Pirimiphos methyl (insecticide)						
Apples	177	0			0.001 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Blueberries, Frozen	5	0			0.005 ^	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.001 - 0.005	NT
Grape Juice	531	0			0.001 ^	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**5,053**	**0**				
Prallethrin (insecticide)						
Apples	177	0			0.010 ^	1.0
Bananas	179	0			0.10 ^	1.0
Blueberries, Cultivated, Fresh	629	0			0.020 - 0.10	1.0
Blueberries, Frozen	19	0			0.020 - 0.10	1.0
Carrots	708	0			0.015 ^	1.0
Celery	319	0			0.020 ^	1.0
Cherries, Fresh	228	0			0.10 ^	1.0
Cherries, Frozen	282	0			0.10 ^	1.0
Green Beans, Fresh	757	0			0.20 ^	1.0
Nectarines	681	0			0.015 ^	1.0
Strawberries	176	0			0.020 ^	1.0
Summer Squash	531	0			0.020 - 0.10	1.0
Sweet Corn, Fresh	134	0			0.010 - 0.020	1.0
Sweet Corn, Frozen	41	0			0.010 - 0.020	1.0
Watermelon	390	0			0.010 ^	1.0
TOTAL	**5,251**	**0**				
Prochloraz (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.010 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**2,662**	**0**				
Procymidone (fungicide)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 ^	NT
Blueberries, Frozen	19	0			0.010 ^	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.010 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Cherries, Frozen	282	0			0.010 ^	NT
Grape Juice	531	0			0.010 ^	5.0
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**4,797**	**0**				
Profenofos (insecticide)						
Apples	177	0			0.075 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Broccoli	712	0			0.010 ^	NT
Celery	708	0			0.002 - 0.005	NT
Grape Juice	531	0			0.075 ^	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.005 ^	NT
Sweet Corn, Frozen	41	0			0.005 ^	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.075 ^	NT
TOTAL	**5,138**	**0**				
Profluralin (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Profoxydim (herbicide)						
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**266**	**0**				
Promecarb (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,243**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Prometryn (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Carrots	708	2	0.3	0.005 - 0.011	0.003 ^	0.45
Celery	708	15	2.1	0.002 - 0.015	0.001 - 0.003	0.50
Green Beans, Canned	378	0			0.001 ^	0.05
Green Beans, Frozen	378	0			0.001 ^	0.05
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.001 ^	NT
TOTAL	**3,244**	**17**				
Pronamide (herbicide)						
Apples	177	0			0.002 ^	0.1
Bananas	179	0			0.012 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.012	0.05
Blueberries, Frozen	19	0			0.003 - 0.012	0.05
Broccoli (V-1)	712	1	0.1	0.006 ^	0.005 ^	NT
Celery (V-5)	708	5	0.7	0.002 - 0.005	0.001 - 0.003	NT
Cherries, Fresh	228	0			0.012 ^	0.1
Cherries, Frozen	282	0			0.012 ^	0.1
Grape Juice	531	0			0.002 ^	0.1
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Fresh	757	0			0.005 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	681	0			0.001 ^	0.1
Peaches	707	0			0.005 ^	0.1
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	NT
Sweet Corn, Frozen	41	0			0.003 - 0.005	NT
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.002 ^	NT
TOTAL	**7,613**	**6**				
Propachlor (herbicide)						
Celery	360	0			0.001 - 0.003	NT
Green Beans, Canned (V-1)	378	1	0.3	0.002 ^	0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Tomatoes	177	0			0.001 ^	NT
TOTAL	**1,293**	**1**				
Propamocarb (fungicide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**266**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Propamocarb hydrochloride [7] (fungicide)						
Apples	177	0			0.002 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Broccoli (V-2)	712	2	0.3	0.010 - 0.024	0.010 ^	NT
Celery (V-3)	348	3	0.9	0.014 - 0.025	0.010 ^	NT
Grape Juice	473	0			0.003 ^	NT
Green Beans, Fresh (V-17)	757	17	2.2	0.001 - 0.11	0.001 ^	NT
Peaches	707	0			0.010 ^	NT
Summer Squash	531	42	7.9	0.006 - 0.57	0.005 - 0.010	1.5
Sweet Corn, Fresh	31	0			0.001 ^	NT
Sweet Corn, Frozen	25	0			0.001 ^	NT
Watermelon	390	13	3.3	0.002 - 0.007	0.002 ^	1.5
TOTAL	**4,510**	**77**				
Propanil (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**1,243**	**0**				
Propaquizafop (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Propargite (insecticide)						
Apples	177	0			0.050 ^	NT
Bananas	179	0			0.018 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.036	NT
Blueberries, Frozen	19	0			0.005 - 0.036	NT
Broccoli	712	0			0.020 ^	NT
Celery	708	0			0.005 - 0.006	NT
Cherries, Fresh	228	0			0.036 ^	NT
Cherries, Frozen (V-3)	282	3	1.1	0.049 - 0.25	0.036 ^	NT
Grape Juice	531	0			0.050 ^	10.0
Green Beans, Canned	378	0			0.006 ^	NT
Green Beans, Frozen	378	0			0.006 ^	NT
Nectarines	681	3	0.4	0.10 - 0.37	0.030 ^	4.0
Peaches (V-1)	707	1	0.1	0.029 ^	0.020 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.1
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.1

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	0			0.006 ^	NT
Watermelon	390	0			0.050 ^	NT
TOTAL	**6,856**	**7**				
Propetamphos (insecticide)						
Apples	147	0			0.010 ^	0.1
Bananas	179	0			0.010 ^	0.1
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.010	0.1
Blueberries, Frozen	19	0			0.005 - 0.010	0.1
Broccoli	712	0			0.010 ^	0.1
Carrots	708	0			0.010 ^	0.1
Celery	708	0			0.002 - 0.005	0.1
Cherries, Fresh	228	0			0.010 ^	0.1
Cherries, Frozen	282	0			0.010 ^	0.1
Grape Juice	531	0			0.010 ^	0.1
Green Beans, Canned	378	0			0.002 ^	0.1
Green Beans, Fresh	757	0			0.10 ^	0.1
Green Beans, Frozen	378	0			0.002 - 0.005	0.1
Nectarines	681	0			0.001 - 0.003	0.1
Peaches	707	0			0.010 ^	0.1
Strawberries	176	0			0.005 ^	0.1
Summer Squash	531	0			0.005 - 0.050	0.1
Sweet Corn, Fresh	134	0			0.005 ^	0.1
Sweet Corn, Frozen	41	0			0.005 ^	0.1
Tomatoes	177	0			0.002 ^	0.1
Watermelon	390	0			0.010 ^	0.1
TOTAL	**8,552**	**0**				
Propham (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Propiconazole (fungicide)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.018 ^	0.2
Blueberries, Cultivated, Fresh	688	1	0.1	0.068 ^	0.010 - 0.018	1.0
Blueberries, Frozen	19	0			0.010 - 0.018	1.0
Broccoli	712	0			0.010 ^	NT
Carrots	708	0			0.020 ^	0.25
Celery	708	182	25.7	0.010 - 0.13	0.008 - 0.010	5.0
Cherries, Fresh	228	14	6.1	0.018 - 0.15	0.018 ^	4.0
Cherries, Frozen	282	13	4.6	0.030 - 0.17	0.018 ^	4.0
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.008 ^	0.70
Green Beans, Fresh	757	1	0.1	0.019 ^	0.005 ^	0.70
Green Beans, Frozen	378	0			0.008 ^	0.70
Nectarines	681	235	34.5	0.007 - 0.57	0.004 ^	4.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Peaches	707	258	36.5	0.010 - 1.2	0.010 ^	4.0
Strawberries	176	7	4	0.018 - 0.30	0.010 ^	1.3
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.1
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.1
Tomatoes	177	0			0.008 ^	3.0
Watermelon	390	0			0.010 ^	NT
TOTAL	**8,321**	**711**				
Proquinazid (fungicide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**266**	**0**				
Prosulfuron (herbicide)						
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.001 - 0.003	0.01
Sweet Corn, Frozen	41	0			0.001 - 0.003	0.01
TOTAL	**351**	**0**				
Prothioconazole (fungicide)						
Green Beans, Fresh	757	0			0.50 ^	NT
Strawberries	176	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	0.04
Sweet Corn, Frozen	12	0			0.020 ^	0.04
TOTAL	**1,023**	**0**				
Prothiofos (insecticide)						
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.20	NT
Blueberries, Frozen	19	0			0.010 - 0.20	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.020 - 0.10	NT
Cherries, Frozen	282	0			0.020 - 0.10	NT
Nectarines	681	0			0.025 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	23	0			0.010 ^	NT
Sweet Corn, Frozen	7	0			0.010 ^	NT
TOTAL	**4,141**	**0**				
Pymetrozine (insecticide)						
Bananas	179	0			0.007 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.081	NT
Blueberries, Frozen	19	0			0.003 - 0.081	NT
Celery	708	1	0.1	0.005 ^	0.003 - 0.005	0.6
Cherries, Fresh	228	0			0.081 ^	NT
Cherries, Frozen	282	0			0.081 ^	NT
Green Beans, Canned	378	0			0.005 ^	NT
Green Beans, Frozen	378	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Summer Squash	270	1	0.4	0.003 ^	0.003 ^	0.1
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	8	4.5	0.008 - 0.055	0.005 ^	0.2
TOTAL	**3,573**	**10**				
Pyraclostrobin (fungicide)						
Apples	177	23	13	0.004 - 0.057	0.003 ^	1.5
Bananas	179	0			0.001 ^	0.04
Blueberries, Cultivated, Fresh	688	180	26.2	0.002 - 0.26	0.002 - 0.003	4.0
Blueberries, Frozen	19	14	73.7	0.003 - 0.030	0.002 - 0.003	4.0
Broccoli	712	22	3.1	0.003 - 0.34	0.003 ^	5.0
Carrots	707	112	15.8	0.005 - 0.054	0.003 ^	0.4
Celery	708	143	20.2	0.003 - 0.15	0.001 - 0.004	29.0
Cherries, Fresh	228	143	62.7	0.002 - 0.20	0.002 ^	2.5
Cherries, Frozen	282	74	26.2	0.002 - 0.17	0.002 ^	2.5
Grape Juice	531	0			0.003 ^	2.0
Green Beans, Canned	378	0			0.001 ^	0.5
Green Beans, Fresh	757	100	13.2	0.001 - 0.10	0.001 ^	0.5
Green Beans, Frozen	378	7	1.9	0.002 - 0.043	0.001 ^	0.5
Nectarines	679	67	9.9	0.002 - 0.12	0.001 ^	2.5
Peaches	707	150	21.2	0.003 - 0.23	0.003 ^	2.5
Strawberries	176	82	46.6	0.003 - 0.66	0.003 ^	1.2
Summer Squash	531	28	5.3	0.003 - 0.035	0.003 - 0.005	0.5
Sweet Corn, Fresh	134	0			0.001 - 0.003	0.04
Sweet Corn, Frozen	41	0			0.001 - 0.003	0.04
Tomatoes	177	48	27.1	0.002 - 0.056	0.001 ^	1.4
Watermelon	390	0			0.003 ^	0.5
TOTAL	**8,579**	**1,193**				
Pyraflufen (precursor to Pyraflufen ethyl)						
Blueberries, Cultivated, Fresh	354	0			0.020 ^	NT
Blueberries, Frozen	5	0			0.020 ^	NT
Celery	348	0			0.020 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.020 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
TOTAL	**1,243**	**0**				
Pyraflufen ethyl (herbicide)						
Apples	177	0			0.010 ^	0.01
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Grape Juice	531	0			0.010 ^	0.01
Nectarines	681	0			0.001 ^	0.01
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**3,022**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Pyrazophos (fungicide)						
Bananas	179	0			0.006 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.006	NT
Blueberries, Frozen	19	0			0.005 - 0.006	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.006 ^	NT
Cherries, Frozen	282	0			0.006 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**3,699**	**0**				
Pyrethrins (insecticide)						
Bananas	179	0			0.20 ^	1.0
Blueberries, Cultivated, Fresh	334	0			0.20 ^	1.0
Blueberries, Frozen	14	0			0.20 ^	1.0
Cherries, Fresh	228	0			0.20 ^	1.0
Cherries, Frozen	282	0			0.20 ^	1.0
TOTAL	**1,037**	**0**				
Pyridaben (insecticide, acaricide)						
Apples	30	0			0.005 ^	0.5
Bananas	179	0			0.001 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.001 - 0.003	NT
Blueberries, Frozen	19	0			0.001 - 0.003	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.003 ^	NT
Cherries, Fresh	228	0			0.001 ^	2.5
Cherries, Frozen	282	0			0.001 ^	2.5
Grape Juice	531	0			0.005 ^	1.5
Nectarines	681	3	0.4	0.007 - 0.032	0.001 ^	2.5
Peaches	707	7	1	0.011 - 0.033	0.005 ^	2.5
Strawberries	176	0			0.003 ^	2.5
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	315	0			0.005 ^	NT
TOTAL	**5,256**	**10**				
Pyridalyl (insecticide)						
Blueberries, Cultivated, Fresh	238	0			0.005 ^	NT
Blueberries, Frozen	2	0			0.005 ^	NT
Celery	348	0			0.005 ^	20
Strawberries	176	0			0.005 ^	NT
Summer Squash	240	0			0.005 ^	NT
TOTAL	**1,004**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Pyrimethanil (fungicide)						
Apples	177	13	7.3	0.050 - 4.0	0.050 ^	14
Bananas (X-1)	179	22	12.3	0.002 - 0.11	0.002 ^	0.10
Blueberries, Cultivated, Fresh	688	4	0.6	0.003 - 0.006	0.002 - 0.005	3.0
Blueberries, Frozen	19	0			0.002 - 0.005	3.0
Broccoli	712	0			0.003 ^	NT
Celery (V-3)	708	3	0.4	0.002 - 0.006	0.001 - 0.005	NT
Cherries, Fresh	228	2	0.9	0.003 - 0.005	0.002 ^	10
Cherries, Frozen	282	2	0.7	0.003 - 0.004	0.002 ^	10
Grape Juice	501	0			0.10 ^	5.0
Green Beans, Canned (V-2)	378	2	0.5	0.002 ^	0.001 ^	NT
Green Beans, Fresh (V-2)	757	2	0.3	0.001 - 0.031	0.001 ^	NT
Green Beans, Frozen (V-2)	378	2	0.5	0.002 ^	0.001 ^	NT
Nectarines	680	120	17.6	0.002 - 1.6	0.001 ^	10
Peaches	707	140	19.8	0.003 - 1.6	0.003 ^	10
Strawberries	176	47	26.7	0.005 - 1.5	0.005 ^	3.0
Summer Squash	531	0			0.005 - 0.10	NT
Sweet Corn, Fresh	134	0			0.005 ^	NT
Sweet Corn, Frozen	41	0			0.005 ^	NT
Tomatoes	177	33	18.6	0.002 - 0.14	0.001 ^	0.50
Watermelon	390	0			0.050 ^	NT
TOTAL	**7,843**	**392**				
Pyriproxyfen (insecticide, growth regulator)						
Apples	177	3	1.7	0.003 - 0.005	0.001 ^	0.20
Bananas	179	0			0.002 ^	0.20
Blueberries, Cultivated, Fresh	688	0			0.002 - 0.003	1.0
Blueberries, Frozen	19	0			0.002 - 0.003	1.0
Broccoli	712	2	0.3	0.006 - 0.029	0.005 ^	0.70
Carrots	708	0			0.001 ^	0.15
Celery	708	0			0.003 ^	3.0
Cherries, Fresh	228	2	0.9	0.004 - 0.010	0.002 ^	1.0
Cherries, Frozen	282	5	1.8	0.003 - 0.008	0.002 ^	1.0
Grape Juice	531	0			0.001 ^	2.5
Green Beans, Canned	378	0			0.003 ^	0.20
Green Beans, Fresh	757	10	1.3	0.001 - 0.026	0.001 ^	0.20
Green Beans, Frozen	378	0			0.003 ^	0.20
Nectarines	681	19	2.8	0.002 - 0.026	0.001 ^	1.0
Peaches	707	9	1.3	0.006 - 0.060	0.005 ^	1.0
Strawberries	176	1	0.6	0.005 ^	0.003 ^	0.30
Summer Squash	531	0			0.003 - 0.010	0.10
Sweet Corn, Fresh	134	0			0.003 - 0.005	1.1
Sweet Corn, Frozen	41	0			0.003 - 0.005	1.1
Tomatoes	177	16	9	0.004 - 0.046	0.002 ^	0.80
Watermelon	390	0			0.001 ^	0.10
TOTAL	**8,582**	**67**				
Pyroxasulfone (herbicide)						
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.015
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.015
TOTAL	**351**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Quinalphos (insecticide)						
Bananas	179	0			0.003 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.005	NT
Blueberries, Frozen	19	0			0.003 - 0.005	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.003 ^	NT
Cherries, Frozen	282	0			0.003 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**3,699**	**0**				
Quinoxyfen (fungicide)						
Apples	177	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.003 ^	1.0
Blueberries, Frozen	5	0			0.003 ^	1.0
Broccoli	712	0			0.010 ^	NT
Celery	708	0			0.001 - 0.003	NT
Grape Juice	531	0			0.020 ^	2.0
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	681	7	1	0.002 - 0.017	0.001 ^	0.70
Peaches	707	1	0.1	0.019 ^	0.010 ^	0.70
Strawberries	176	43	24.4	0.003 - 0.12	0.003 ^	1.0
Summer Squash (V-1)	270	1	0.4	0.008 ^	0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.001 ^	1.7
Watermelon	390	0			0.020 ^	0.08
TOTAL	**5,734**	**52**				
Quintozene - PCNB (fungicide) (parent of HCB, PCA, PCB and PCPMS)						
Apples	177	0			0.004 ^	NT
Bananas	179	0			0.021 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.021	NT
Blueberries, Frozen	19	0			0.005 - 0.021	NT
Broccoli	712	0			0.005 ^	0.1
Carrots	708	0			0.006 ^	NT
Celery	708	0			0.001 - 0.005	NT
Cherries, Fresh	228	0			0.021 ^	NT
Cherries, Frozen	282	0			0.021 ^	NT
Grape Juice	531	0			0.004 ^	NT
Green Beans, Canned	378	0			0.001 ^	0.1
Green Beans, Fresh	757	0			0.025 ^	0.1
Green Beans, Frozen	378	0			0.001 ^	0.1
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	531	0			0.005 - 0.050	NT
Sweet Corn, Fresh	134	0			0.005 - 0.025	NT
Sweet Corn, Frozen	41	0			0.005 - 0.025	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	0			0.001 ^	0.1
Watermelon	390	0			0.004 ^	NT
TOTAL	**7,901**	**0**				
Quizalofop (metabolite of Quizalofop ethyl)						
Blueberries, Cultivated, Fresh	354	0			0.050 ^	NT
Blueberries, Frozen	5	0			0.050 ^	NT
Celery	348	0			0.050 ^	NT
Strawberries	176	0			0.050 ^	NT
Summer Squash	270	0			0.050 ^	NT
Sweet Corn, Fresh	78	0			0.050 ^	NT
Sweet Corn, Frozen	12	0			0.050 ^	NT
TOTAL	**1,243**	**0**				
Quizalofop ethyl (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Green Beans, Fresh	757	0			0.35 ^	0.25
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.005 ^	NT
Sweet Corn, Frozen	41	0			0.005 ^	NT
TOTAL	**2,085**	**0**				
Resmethrin (insecticide)						
Bananas	179	0			0.028 ^	3.0
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.028	3.0
Blueberries, Frozen	19	0			0.010 - 0.028	3.0
Broccoli	712	0			0.020 ^	3.0
Celery	348	0			0.010 ^	3.0
Cherries, Fresh	228	0			0.028 ^	3.0
Cherries, Frozen	282	0			0.028 ^	3.0
Green Beans, Fresh	504	0			0.20 ^	3.0
Peaches	707	0			0.020 ^	3.0
Strawberries	176	0			0.010 ^	3.0
Summer Squash	531	0			0.010 - 0.25	3.0
Sweet Corn, Fresh	134	0			0.005 - 0.010	3.0
Sweet Corn, Frozen	41	0			0.005 - 0.010	3.0
TOTAL	**4,549**	**0**				
Resmethrin cis (isomer of Resmethrin)						
Apples	177	0			0.050 ^	3.0
Carrots	708	0			0.002 ^	3.0
Celery	360	0			0.002 ^	3.0
Grape Juice	531	0			0.050 ^	3.0
Green Beans, Canned	378	0			0.002 ^	3.0
Green Beans, Frozen	378	0			0.002 ^	3.0
Nectarines	681	0			0.002 ^	3.0
Tomatoes	177	0			0.002 ^	3.0
Watermelon	390	0			0.050 ^	3.0
TOTAL	**3,780**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Resmethrin trans (isomer of Resmethrin)						
Apples	177	0			0.050 ^	3.0
Carrots	708	0			0.002 ^	3.0
Celery	360	0			0.002 ^	3.0
Grape Juice	531	0			0.050 ^	3.0
Green Beans, Canned	378	0			0.002 ^	3.0
Green Beans, Frozen	378	0			0.002 ^	3.0
Nectarines	681	0			0.002 ^	3.0
Tomatoes	177	0			0.002 ^	3.0
Watermelon	390	0			0.050 ^	3.0
TOTAL	**3,780**	**0**				
Rimsulfuron (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	0.01
Blueberries, Frozen	5	0			0.010 ^	0.01
Celery	348	0			0.010 ^	NT
Nectarines	681	0			0.003 ^	0.01
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,924**	**0**				
Rotenone (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.040 ^	NT
Blueberries, Frozen	5	0			0.040 ^	NT
Celery	348	0			0.040 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.040 ^	NT
Sweet Corn, Fresh	78	0			0.020 ^	NT
Sweet Corn, Frozen	12	0			0.020 ^	NT
TOTAL	**1,243**	**0**				
Saflufenacil (herbicide)						
Apples	177	0			0.010 ^	0.03
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Grape Juice	119	0			0.010 ^	0.03
Green Beans, Fresh	757	0			0.010 ^	0.03
Nectarines	681	0			0.005 ^	0.03
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.010 ^	0.03
Sweet Corn, Frozen	41	0			0.010 ^	0.03
Watermelon	390	0			0.010 ^	NT
TOTAL	**3,452**	**0**				
Sedaxane (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	0.01
Sweet Corn, Frozen	12	0			0.005 ^	0.01
TOTAL	**1,243**	**0**				
Sethoxydim (herbicide)						
Apples	177	0			0.003 ^	0.2
Bananas	179	0			0.007 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.007	4.0
Blueberries, Frozen	19	0			0.005 - 0.007	4.0
Carrots	708	0			0.001 ^	4.0
Celery	348	0			0.005 ^	4.0
Cherries, Fresh	228	0			0.007 ^	0.2
Cherries, Frozen	282	0			0.007 ^	0.2
Grape Juice	501	0			0.003 ^	1.0
Green Beans, Fresh	757	0			0.005 ^	15
Nectarines	681	0			0.001 ^	0.2
Strawberries	176	0			0.005 ^	10
Summer Squash	531	0			0.005 - 0.020	4.0
Sweet Corn, Fresh	134	0			0.005 ^	0.4
Sweet Corn, Frozen	41	0			0.005 ^	0.4
Watermelon	390	0			0.003 ^	4.0
TOTAL	**5,840**	**0**				
Simazine (herbicide)						
Apples	177	0			0.005 ^	0.20
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	3	0.4	0.009 - 0.012	0.005 ^	0.20
Blueberries, Frozen	19	0			0.005 ^	0.20
Celery	708	0			0.001 - 0.005	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Grape Juice	531	0			0.005 ^	0.20
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	681	0			0.004 ^	0.20
Strawberries	176	0			0.003 ^	0.25
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.25
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.25
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.005 ^	NT
TOTAL	**5,437**	**3**				
Spinetoram (insecticide)						
Apples	177	6	3.4	0.004 - 0.006	0.003 ^	0.20
Bananas	179	0			0.005 ^	0.25
Blueberries, Cultivated, Fresh	688	15	2.2	0.006 - 0.090	0.005 - 0.010	0.25
Blueberries, Frozen	19	0			0.005 - 0.010	0.25
Carrots	708	0			0.015 ^	0.10
Celery	708	1	0.1	0.011 ^	0.001 - 0.010	8.0
Cherries, Fresh	228	33	14.5	0.005 - 0.029	0.005 ^	0.20
Cherries, Frozen	282	4	1.4	0.007 - 0.008	0.005 ^	0.20

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Grape Juice	502	0			0.005 ^	0.50
Green Beans, Canned	378	0			0.001 ^	0.30
Green Beans, Fresh	757	14	1.8	0.001 - 0.006	0.001 ^	0.30
Green Beans, Frozen	378	0			0.001 ^	0.30
Nectarines	681	139	20.4	0.013 - 0.099	0.008 ^	0.20
Strawberries	176	4	2.3	0.010 - 0.019	0.010 ^	1.0
Summer Squash	270	0			0.010 ^	0.30
Sweet Corn, Fresh	134	0			0.001 - 0.010	0.04
Sweet Corn, Frozen	41	0			0.001 - 0.010	0.04
Tomatoes	177	0			0.001 ^	0.40
Watermelon	390	0			0.003 ^	0.30
TOTAL	**6,873**	**216**				
Spinosad (insecticide) (total of spinosyns A and D)						
Blueberries, Cultivated, Fresh	354	8	2.3	0.003 - 0.028	0.003 ^	0.250
Blueberries, Frozen	5	0			0.003 ^	0.250
Carrots	708	0			0.005 ^	0.10
Celery	708	6	0.8	0.002 - 0.006	0.001 - 0.003	8.0
Green Beans, Canned	378	0			0.001 ^	0.30
Green Beans, Fresh	757	1	0.1	0.007 ^	0.002 ^	0.30
Green Beans, Frozen	378	0			0.001 ^	0.30
Nectarines	680	167	24.6	0.010 - 0.10	0.006 ^	0.20
Strawberries	176	6	3.4	0.003 - 0.034	0.003 ^	1.0
Summer Squash	531	0			0.003 - 0.005	0.3
Sweet Corn, Fresh	134	0			0.002 - 0.003	0.02
Sweet Corn, Frozen	41	0			0.002 - 0.003	0.02
Tomatoes	177	4	2.3	0.002 - 0.018	0.001 ^	0.4
TOTAL	**5,027**	**192**				
Spinosad A (isomer of Spinosad)						
Apples	177	1	0.6	0.003 ^	0.003 ^	0.20
Bananas	179	0			0.005 ^	0.25
Blueberries, Cultivated, Fresh	334	3	0.9	0.004 - 0.047	0.003 ^	0.250
Blueberries, Frozen	14	2	14.3	0.008 - 0.013	0.003 ^	0.250
Broccoli	712	2	0.3	0.005 - 0.011	0.002 ^	2.0
Cherries, Fresh	228	81	35.5	0.003 - 0.064	0.003 ^	0.20
Cherries, Frozen	282	20	7.1	0.003 - 0.047	0.003 ^	0.20
Grape Juice	502	0			0.005 ^	0.50
Watermelon	390	0			0.003 ^	0.3
TOTAL	**2,818**	**109**				
Spinosad D (isomer of Spinosad)						
Bananas	179	0			0.005 ^	0.25
Blueberries, Cultivated, Fresh	334	1	0.3	0.009 ^	0.003 ^	0.250
Blueberries, Frozen	14	1	7.1	0.003 ^	0.003 ^	0.250
Broccoli	712	1	0.1	0.003 ^	0.002 ^	2.0
Cherries, Fresh	228	18	7.9	0.003 - 0.018	0.003 ^	0.20
Cherries, Frozen	282	4	1.4	0.003 - 0.007	0.003 ^	0.20
Grape Juice	30	0			0.007 ^	0.50
TOTAL	**1,779**	**25**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Spirodiclofen (acaricide)						
Apples	177	23	13	0.015 - 0.068	0.010 ^	0.80
Bananas	179	0			0.006 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.006	NT
Blueberries, Frozen	19	0			0.005 - 0.006	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.006 ^	1.0
Cherries, Frozen	282	0			0.006 ^	1.0
Grape Juice	531	0			0.010 ^	2.0
Nectarines	681	13	1.9	0.11 ^	0.065 ^	1.0
Peaches	688	99	14.4	0.010 - 0.23	0.010 ^	1.0
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**5,459**	**135**				
Spiromesifen Total (parent + enol metabolite) (insecticide)						
Celery	300	1	0.3	0.085 ^	0.002 - 0.016	6.0
Green Beans, Canned	378	0			0.002 ^	0.80
Green Beans, Frozen	378	0			0.002 ^	0.80
TOTAL	**1,056**	**1**				
Spiromesifen (insecticide)						
Apples	89	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.005 ^	2.0
Blueberries, Frozen	5	0			0.005 ^	2.0
Broccoli	712	0			0.002 ^	2.0
Celery	348	0			0.005 ^	6.0
Grape Juice	531	0			0.010 ^	NT
Green Beans, Fresh	757	0			0.020 ^	0.80
Peaches	707	0			0.002 ^	NT
Strawberries	176	20	11.4	0.003 - 0.26	0.003 ^	2.0
Summer Squash	531	0			0.005 - 0.040	0.10
Sweet Corn, Fresh	134	0			0.003 - 0.020	0.02
Sweet Corn, Frozen	41	0			0.003 - 0.020	0.02
Watermelon	378	0			0.010 ^	0.10
TOTAL	**4,763**	**20**				
Spiromesifen alcohol (metabolite of Spiromesifen)						
Blueberries, Cultivated, Fresh	295	0			0.003 ^	2.0
Blueberries, Frozen	5	0			0.003 ^	2.0
Celery	319	0			0.003 ^	6.0
Strawberries	176	50	28.4	0.002 - 0.23	0.001 ^	2.0
Summer Squash	270	0			0.003 ^	0.10
Sweet Corn, Fresh	78	0			0.001 ^	0.02
Sweet Corn, Frozen	12	0			0.001 ^	0.02
TOTAL	**1,155**	**50**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Spirotetramat (insecticide)						
Apples	177	0			0.002 ^	0.70
Blueberries, Cultivated, Fresh	354	0			0.003 ^	3.0
Blueberries, Frozen	5	0			0.003 ^	3.0
Celery	348	11	3.2	0.003 - 0.080	0.003 ^	9.0
Grape Juice	531	0			0.002 ^	1.3
Green Beans, Fresh	757	0			0.001 ^	2.5
Nectarines	681	2	0.3	0.002 - 0.007	0.001 ^	4.5
Strawberries	176	0			0.003 ^	0.40
Summer Squash	531	0			0.003 - 0.010	0.30
Sweet Corn, Fresh	134	0			0.001 - 0.003	1.5
Sweet Corn, Frozen	41	0			0.001 - 0.003	1.5
Watermelon	390	0			0.002 ^	0.30
TOTAL	**4,125**	**13**				
Spiroxamine (fungicide)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.002 ^	3.0
Blueberries, Cultivated, Fresh	688	0			0.003 ^	NT
Blueberries, Frozen	19	0			0.003 ^	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.003 ^	NT
Cherries, Fresh	228	0			0.003 ^	NT
Cherries, Frozen	282	0			0.003 ^	NT
Grape Juice	531	0			0.010 ^	1.0
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**4,797**	**0**				
Sulfallate (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Sulfentrazone (herbicide)						
Bananas	179	0			0.035 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.035	0.15
Blueberries, Frozen	19	0			0.010 - 0.035	0.15
Celery	348	0			0.010 ^	NT
Cherries, Fresh	228	0			0.035 ^	NT
Cherries, Frozen	282	0			0.035 ^	NT
Green Beans, Fresh	757	0			0.015 ^	NT
Strawberries	176	0			0.010 ^	0.15
Summer Squash	270	0			0.010 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Fresh	134	0			0.010 - 0.015	NT
Sweet Corn, Frozen	41	0			0.010 - 0.015	NT
TOTAL	**3,122**	**0**				
Sulfoxaflor (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	0.70
Blueberries, Frozen	5	0			0.003 ^	0.70
Celery	348	0			0.003 ^	2.0
Strawberries	176	0			0.003 ^	0.70
Summer Squash	270	2	0.7	0.017 - 0.078	0.003 ^	0.40
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	4	2.3	0.003 - 0.013	0.002 ^	0.70
TOTAL	**1,420**	**6**				
Sulprofos (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	708	0			0.002 - 0.005	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.002 ^	NT
TOTAL	**2,536**	**0**				
TCMTB (fungicide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	56	0			0.005 ^	NT
Sweet Corn, Frozen	29	0			0.005 ^	NT
TOTAL	**261**	**0**				
Tebuconazole (fungicide)						
Apples	177	0			0.010 ^	0.05
Bananas	179	0			0.006 ^	0.05
Blueberries, Cultiv., Fresh (V-4)	688	4	0.6	0.022 - 0.070	0.010 - 0.012	NT
Blueberries, Frozen	19	0			0.010 - 0.012	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.002 - 0.010	NT
Cherries, Fresh	228	65	28.5	0.012 - 3.0	0.012 ^	5.0
Cherries, Frozen	282	146	51.8	0.012 - 0.81	0.012 ^	5.0
Grape Juice	531	0			0.010 ^	5.0
Green Beans, Canned	378	0			0.006 ^	0.1
Green Beans, Fresh	757	42	5.5	0.001 - 0.048	0.001 ^	0.1
Green Beans, Frozen	378	0			0.006 ^	0.1
Nectarines (X-1)	681	172	25.3	0.002 - 1.5	0.001 ^	1.0
Peaches (X-9)	707	167	23.6	0.005 - 6.6	0.005 ^	1.0
Strawberries (V-1)	176	1	0.6	0.018 ^	0.003 ^	NT
Summer Squash	531	0			0.005 - 0.010	0.4
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.5
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.5

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	5	2.8	0.003 - 0.042	0.002 ^	1.3
Watermelon	390	0			0.010 ^	0.4
TOTAL	**7,874**	**602**				
Tebufenozide (insecticide)						
Apples	177	0			0.002 ^	1.0
Bananas	179	0			0.003 ^	NT
Blueberries, Cultivated, Fresh	688	7	1	0.005 - 1.3	0.003 - 0.005	3.0
Blueberries, Frozen	19	0			0.003 - 0.005	3.0
Broccoli	712	0			0.025 ^	5.0
Celery	708	0			0.003 - 0.010	2.0
Cherries, Fresh	228	0			0.003 ^	NT
Cherries, Frozen	282	0			0.003 ^	NT
Grape Juice	531	0			0.002 ^	3.0
Green Beans, Canned	378	0			0.003 - 0.010	NT
Green Beans, Frozen	378	0			0.003 - 0.010	NT
Peaches	707	0			0.050 ^	NT
Strawberries	176	0			0.005 ^	3.0
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	1	0.6	0.005 ^	0.003 - 0.020	1.0
Watermelon	390	0			0.002 ^	NT
TOTAL	**6,090**	**8**				
Tebufenpyrad (insecticide, acaricide)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 ^	NT
Blueberries, Frozen	19	0			0.005 ^	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Grape Juice	531	0			0.010 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**4,797**	**0**				
Tebuthiuron (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	708	0			0.001 - 0.003	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	0			0.001 ^	NT
TOTAL	**2,536**	**0**				
Tecnazene (plant growth regulator)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.003 - 0.010	NT
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Tomatoes	177	0			0.001 ^	NT
TOTAL	**3,955**	**0**				
Teflubenzuron (insecticide)						
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.010	NT
Blueberries, Frozen	19	0			0.005 - 0.010	NT
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.010 ^	NT
Cherries, Frozen	282	0			0.010 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**2,280**	**0**				
Tefluthrin (insecticide)						
Apples	177	0			0.002 ^	NT
Bananas	179	0			0.009 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.009	NT
Blueberries, Frozen	19	0			0.003 - 0.009	NT
Broccoli	712	0			0.005 ^	NT
Carrots	708	0			0.002 ^	NT
Celery	708	0			0.001 - 0.003	NT
Cherries, Fresh	228	0			0.009 ^	NT
Cherries, Frozen	282	0			0.009 ^	NT
Grape Juice	531	0			0.002 ^	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Fresh	757	0			0.050 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines	681	0			0.002 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	531	0			0.003 - 0.050	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.05
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.05

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.002 ^	NT
TOTAL	**8,582**	**0**				
Tepraloxydim (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Green Beans, Fresh	757	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.010	NT
Sweet Corn, Frozen	41	0			0.005 - 0.010	NT
TOTAL	**2,085**	**0**				
Terbacil (herbicide)						
Apples	177	0			0.010 ^	0.3
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.020	0.2
Blueberries, Frozen	19	0			0.005 - 0.020	0.2
Broccoli	649	0			0.008 ^	NT
Celery	708	0			0.003 - 0.005	NT
Cherries, Fresh	228	0			0.020 ^	NT
Cherries, Frozen	282	0			0.020 ^	NT
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Nectarines	681	0			0.020 ^	0.2
Peaches	707	0			0.008 ^	0.2
Strawberries	176	0			0.005 ^	0.1
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.003 ^	NT
Watermelon	390	0			0.010 ^	1.0
TOTAL	**6,708**	**0**				
Terbufos (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.05
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.05
TOTAL	**1,328**	**0**				
Terbufos oxygen analog (metabolite of Terbufos)						
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.001 - 0.003	0.05
Sweet Corn, Frozen	41	0			0.001 - 0.003	0.05
TOTAL	**351**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Terbufos oxygen analog sulfone (metabolite of Terbufos)						
Strawberries	176	0			0.010 - 0.020	NT
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.05
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.05
TOTAL	**351**	**0**				
Terbufos oxygen analog sulfoxide (metabolite of Terbufos)						
Sweet Corn, Fresh	56	0			0.005 ^	0.05
Sweet Corn, Frozen	29	0			0.005 ^	0.05
TOTAL	**85**	**0**				
Terbufos sulfone (metabolite of Terbufos)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	708	0			0.002 - 0.010	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	134	0			0.005 ^	0.05
Sweet Corn, Frozen	41	0			0.005 ^	0.05
Tomatoes	177	0			0.002 ^	NT
TOTAL	**2,621**	**0**				
Terbufos sulfoxide (metabolite of Terbufos)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.002 - 0.003	0.05
Sweet Corn, Frozen	41	0			0.002 - 0.003	0.05
TOTAL	**1,328**	**0**				
Terbuthylazine (herbicide)						
Bananas	179	0			0.002 ^	NT
Blueberries, Cultiv., Fresh (V-2)	688	2	0.3	0.003 - 0.004	0.002 - 0.003	NT
Blueberries, Frozen	19	0			0.002 - 0.003	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.003 ^	NT
Cherries, Fresh	228	0			0.002 ^	NT
Cherries, Frozen	282	0			0.002 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**3,699**	**2**				
Terbutryn (herbicide)						
Grape Juice	325	0			0.025 ^	NT
TOTAL	**325**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tetrachlorvinphos (insecticide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	708	0			0.003 - 0.005	NT
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Fresh	757	0			0.005 ^	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.005 ^	NT
Sweet Corn, Frozen	41	0			0.005 ^	NT
Tomatoes	177	0			0.003 ^	NT
TOTAL	**3,378**	**0**				
Tetraconazole (fungicide)						
Apples	177	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.010 ^	0.25
Blueberries, Frozen	5	0			0.010 ^	0.25
Celery (V-1)	708	1	0.1	0.002 ^	0.001 - 0.010	NT
Grape Juice	531	0			0.010 ^	0.20
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Strawberries	176	13	7.4	0.003 - 0.079	0.003 ^	0.25
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**3,634**	**14**				
Tetradifon (insecticide)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.020 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.020	NT
Blueberries, Frozen	19	0			0.010 - 0.020	NT
Broccoli	712	0			0.005 ^	NT
Celery	708	0			0.002 - 0.010	NT
Cherries, Fresh	228	0			0.020 ^	NT
Cherries, Frozen	282	0			0.020 ^	NT
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.002 ^	NT
Green Beans, Frozen	378	0			0.002 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Tomatoes	177	0			0.002 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**6,090**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tetrahydrophthalimide - THPI (metabolite of Captafol and Captan)						
Apples	177	37	20.9	0.010 - 0.75	0.010 ^	25.0
Blueberries, Cultivated, Fresh	354	94	26.6	0.010 - 2.7	0.010 ^	20.0
Blueberries, Frozen	5	2	40	0.038 - 0.060	0.010 ^	20.0
Celery	708	0			0.004 - 0.010	0.05
Grape Juice	531	35	6.6	0.010 - 0.28	0.010 ^	25.0
Green Beans, Canned	378	0			0.004 ^	0.05
Green Beans, Frozen	378	0			0.004 ^	0.05
Strawberries	176	128	72.7	0.012 - 2.5	0.010 ^	20.0
Summer Squash	270	0			0.010 - 0.040	0.05
Sweet Corn, Fresh	78	0			0.010 ^	0.05
Sweet Corn, Frozen	12	0			0.010 ^	0.05
Tomatoes (X-3)	157	14	8.9	0.006 - 0.15	0.004 ^	0.05
Watermelon	390	0			0.010 ^	0.05
TOTAL	**3,614**	**310**				
Tetramethrin (insecticide)						
Apples	177	0			0.005 ^	NT
Bananas	179	0			0.099 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.10	NT
Blueberries, Frozen	19	0			0.005 - 0.10	NT
Broccoli	712	0			0.005 ^	NT
Carrots	708	0			0.001 ^	NT
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.10 ^	NT
Cherries, Frozen	282	0			0.10 ^	NT
Grape Juice	531	0			0.005 ^	NT
Green Beans, Fresh	757	0			0.050 ^	NT
Nectarines (V-1)	681	1	0.1	0.002 ^	0.001 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Watermelon	390	0			0.005 ^	NT
TOTAL	**6,943**	**1**				
Thiabendazole (fungicide) (parent of 5-hydroxythiabendazole)						
Apples	177	86	48.6	0.002 - 2.0	0.002 ^	5.0
Bananas	179	104	58.1	0.008 - 0.22	0.006 ^	3.0
Blueberries, Cultivated, Fresh	688	0			0.005 ^	NT
Blueberries, Frozen	19	0			0.005 ^	NT
Broccoli	712	0			0.010 ^	NT
Carrots	708	0			0.002 ^	10.0
Celery	708	0			0.001 - 0.005	NT
Cherries, Fresh (V-2)	228	2	0.9	0.012 - 0.014	0.005 ^	NT
Cherries, Frozen (V-2)	282	2	0.7	0.008 - 0.009	0.005 ^	NT
Grape Juice	531	0			0.003 ^	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Nectarines (V-62)	681	62	9.1	0.003 - 0.042	0.002 ^	NT
Peaches (V-10)	707	10	1.4	0.011 - 0.12	0.010 ^	NT
Strawberries	176	5	2.8	0.003 - 0.53	0.003 ^	5.0

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.008	0.01
Sweet Corn, Frozen	41	0			0.003 - 0.008	0.01
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.002 ^	NT
TOTAL	**7,564**	**271**				
Thiacloprid (insecticide)						
Apples	177	26	14.7	0.001 - 0.021	0.001 ^	0.30
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.005	NT
Blueberries, Frozen	19	0			0.003 - 0.005	NT
Broccoli	712	0			0.010 ^	NT
Celery	708	0			0.001 - 0.003	NT
Cherries, Fresh	228	1	0.4	0.014 ^	0.005 ^	0.5
Cherries, Frozen	282	99	35.1	0.005 - 0.11	0.005 ^	0.5
Grape Juice	531	0			0.001 ^	NT
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Nectarines	681	9	1.3	0.008 - 0.024	0.005 ^	0.5
Peaches	707	1	0.1	0.026 ^	0.010 ^	0.5
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Tomatoes (V-1)	177	1	0.6	0.002 ^	0.001 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**6,771**	**137**				
Thiamethoxam (insecticide) (also a parent of Clothianidin)						
Apples	177	6	3.4	0.003 - 0.009	0.003 ^	0.2
Bananas	179	0			0.010 ^	0.02
Blueberries, Cultivated, Fresh	688	9	1.3	0.003 - 0.007	0.003 - 0.005	0.30
Blueberries, Frozen	19	0			0.003 - 0.005	0.30
Broccoli	712	20	2.8	0.010 - 0.062	0.010 ^	4.5
Carrots	708	0			0.008 ^	0.05
Celery	708	86	12.1	0.003 - 0.034	0.003 - 0.015	4.0
Cherries, Fresh	228	7	3.1	0.007 - 0.059	0.005 ^	0.5
Cherries, Frozen	282	58	20.6	0.005 - 0.074	0.005 ^	0.5
Grape Juice	531	0			0.003 ^	0.20
Green Beans, Canned	378	0			0.015 ^	0.02
Green Beans, Fresh	757	0			0.005 ^	0.02
Green Beans, Frozen	378	0			0.015 ^	0.02
Nectarines	681	0			0.025 ^	0.5
Peaches	707	1	0.1	0.029 ^	0.010 ^	0.5
Strawberries	176	35	19.9	0.003 - 0.11	0.003 ^	0.30
Summer Squash	531	78	14.7	0.003 - 0.14	0.003 - 0.060	0.2
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.02
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.02
Tomatoes	177	12	6.8	0.008 - 0.020	0.005 ^	0.25
Watermelon	390	30	7.7	0.003 - 0.033	0.003 ^	0.2
TOTAL	**8,582**	**342**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Thiazopyr (herbicide)						
Apples	177	0			0.008 ^	NT
Grape Juice	531	0			0.008 ^	NT
Watermelon	390	0			0.008 ^	NT
TOTAL	**1,098**	**0**				
Thifensulfuron methyl (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.001 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.001 ^	NT
Sweet Corn, Frozen	12	0			0.001 ^	NT
TOTAL	**1,243**	**0**				
Thiobencarb (herbicide)						
Apples	177	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	708	0			0.001 - 0.010	0.2
Grape Juice	531	0			0.010 ^	NT
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**3,634**	**0**				
Thiodicarb (insecticide)						
Apples	177	0			0.003 ^	NT
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	35
Grape Juice	531	0			0.003 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Watermelon	390	0			0.003 ^	NT
TOTAL	**2,251**	**0**				
Thionazin (insecticide, fumigant)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	NT
Blueberries, Frozen	5	0			0.005 ^	NT
Celery	348	0			0.005 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Thiophanate methyl (fungicide)						
Green Beans, Fresh	757	18	2.4	0.005 - 0.030	0.005 ^	2.0
Summer Squash	232	0			0.040 ^	1.0
Sweet Corn, Fresh	56	0			0.005 ^	NT
Sweet Corn, Frozen	29	0			0.005 ^	NT
TOTAL	**1,074**	**18**				
Tolclofos methyl (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.010 ^	NT
Blueberries, Frozen	5	0			0.010 ^	NT
Celery	348	0			0.010 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
TOTAL	**1,243**	**0**				
Tolfenpyrad (insecticide)						
Strawberries	176	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**266**	**0**				
Tolylfluanid (fungicide)						
Bananas	179	0			0.047 ^	NT
Blueberries, Cultivated, Fresh	334	0			0.048 ^	NT
Blueberries, Frozen	14	0			0.048 ^	NT
Cherries, Fresh	228	0			0.048 ^	NT
Cherries, Frozen	282	0			0.048 ^	NT
TOTAL	**1,037**	**0**				
Topramezone (herbicide)						
Sweet Corn, Fresh	56	0			0.25 ^	0.01
Sweet Corn, Frozen	29	0			0.25 ^	0.01
TOTAL	**85**	**0**				
Tri-Allate (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.003 ^	NT
Green Beans, Fresh	757	0			0.008 - 0.075	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.075	NT
Sweet Corn, Frozen	41	0			0.003 - 0.075	NT
TOTAL	**3,504**	**0**				
Triadimefon (fungicide) (also a parent of Triadimenol)						
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.010	NT
Blueberries, Frozen	19	0			0.005 - 0.010	NT
Broccoli	712	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Celery	708	0			0.001 - 0.010	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Green Beans, Canned	378	0			0.003 ^	NT
Green Beans, Frozen	378	0			0.003 ^	NT
Nectarines	681	0			0.015 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.010 ^	NT
Summer Squash	270	0			0.010 ^	NT
Sweet Corn, Fresh	78	0			0.010 ^	NT
Sweet Corn, Frozen	12	0			0.010 ^	NT
Tomatoes	177	0			0.001 ^	NT
TOTAL	**5,673**	**0**				
Triadimenol (fungicide) (also a metabolite of Triadimefon)						
Bananas	179	0			0.017 ^	0.2
Blueberries, Cultivated, Fresh	688	0			0.017 - 0.030	NT
Blueberries, Frozen	19	0			0.017 - 0.030	NT
Broccoli	712	0			0.005 ^	NT
Celery	348	0			0.030 ^	NT
Cherries, Fresh	228	0			0.017 ^	NT
Cherries, Frozen	282	0			0.017 ^	NT
Nectarines	681	0			0.050 ^	NT
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.020 ^	NT
Summer Squash	270	0			0.030 ^	NT
Sweet Corn, Fresh	134	0			0.005 - 0.020	0.05
Sweet Corn, Frozen	41	0			0.005 - 0.020	0.05
TOTAL	**4,465**	**0**				
Triazophos (insecticide)						
Apples	177	0			0.001 ^	NT
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 ^	NT
Blueberries, Frozen	19	0			0.005 ^	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	0			0.005 ^	NT
Cherries, Frozen	282	0			0.005 ^	NT
Grape Juice	531	0			0.001 ^	NT
Nectarines	681	0			0.003 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.005 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**5,478**	**0**				
Tribenuron methyl (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Strawberries	176	0			0.003 ^	NT
Summer Squash	240	0			0.003 ^	NT
Sweet Corn, Fresh	78	0			0.003 ^	NT
Sweet Corn, Frozen	12	0			0.003 ^	NT
TOTAL	**1,213**	**0**				
Trichlorfon (insecticide)						
Apples	177	0			0.010 ^	NT
Grape Juice	531	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.020	NT
Sweet Corn, Frozen	41	0			0.003 - 0.020	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**1,449**	**0**				
Triclopyr (herbicide)						
Blueberries, Cultivated, Fresh	354	0			0.25 ^	NT
Blueberries, Frozen	5	0			0.25 ^	NT
Celery	348	0			0.25 ^	NT
Strawberries	176	0			0.25 ^	NT
Summer Squash	270	0			0.25 ^	NT
Sweet Corn, Fresh	78	0			0.25 ^	NT
Sweet Corn, Frozen	12	0			0.25 ^	NT
TOTAL	**1,243**	**0**				
Tricyclazole (fungicide)						
Strawberries	176	0			0.001 ^	NT
Sweet Corn, Fresh	78	0			0.001 ^	NT
Sweet Corn, Frozen	12	0			0.001 ^	NT
TOTAL	**266**	**0**				
Trifloxystrobin (fungicide)						
Apples	177	12	6.8	0.002 - 0.016	0.002 ^	0.5
Bananas	179	0			0.005 ^	0.10
Blueberries, Cultiv., Fresh (V-1)	688	1	0.1	0.013 ^	0.003 - 0.005	NT
Blueberries, Frozen	19	0			0.003 - 0.005	NT
Broccoli	712	0			0.005 ^	NT
Carrots	708	0			0.001 ^	0.1
Celery	708	23	3.2	0.002 - 0.020	0.001 - 0.003	3.5
Cherries, Fresh	228	37	16.2	0.005 - 0.090	0.005 ^	2
Cherries, Frozen	282	61	21.6	0.005 - 0.14	0.005 ^	2
Grape Juice	531	0			0.003 ^	2.0
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Fresh (V-2)	757	2	0.3	0.001 - 0.004	0.001 ^	NT
Green Beans, Frozen (V-2)	378	2	0.5	0.002 - 0.011	0.001 ^	NT
Nectarines	681	29	4.3	0.005 - 0.12	0.003 ^	2
Peaches	707	13	1.8	0.006 - 0.070	0.005 ^	2
Strawberries	176	6	3.4	0.005 - 0.055	0.003 ^	1.1
Summer Squash	531	1	0.2	0.003 ^	0.003 - 0.005	0.50
Sweet Corn, Fresh	134	0			0.001 - 0.003	0.04
Sweet Corn, Frozen	41	0			0.001 - 0.003	0.04

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tomatoes	177	1	0.6	0.012 ^	0.001 ^	0.5
Watermelon	390	0			0.002 ^	0.50
TOTAL	**8,582**	**188**				
Trifloxysulfuron (herbicide)						
Apples	177	0			0.020 ^	NT
Grape Juice	119	0			0.020 ^	NT
Watermelon	390	0			0.020 ^	NT
TOTAL	**686**	**0**				
Triflumizole (fungicide)						
Apples	177	0			0.010 ^	0.50
Bananas	179	0			0.002 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.002 - 0.005	2.0
Blueberries, Frozen	19	0			0.002 - 0.005	2.0
Broccoli	712	0			0.003 ^	8.0
Celery	348	0			0.005 ^	NT
Cherries, Fresh	228	92	40.4	0.002 - 0.30	0.002 ^	1.5
Cherries, Frozen	282	16	5.7	0.003 - 0.16	0.002 ^	1.5
Grape Juice	501	0			0.010 ^	2.5
Green Beans, Fresh	757	0			0.001 ^	NT
Peaches	707	0			0.003 ^	NT
Strawberries	176	12	6.8	0.006 - 0.38	0.005 ^	2.0
Summer Squash	531	6	1.1	0.005 - 0.046	0.005 - 0.062	0.5
Sweet Corn, Fresh	134	0			0.005 ^	NT
Sweet Corn, Frozen	41	0			0.005 ^	NT
Watermelon	358	0			0.010 ^	0.5
TOTAL	**5,838**	**126**				
Trifluralin (herbicide)						
Apples	177	0			0.001 ^	NT
Bananas	179	0			0.009 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.009	NT
Blueberries, Frozen	19	0			0.005 - 0.009	NT
Broccoli	712	0			0.005 ^	0.05
Carrots	708	148	20.9	0.003 - 0.24	0.002 ^	1.0
Celery	708	2	0.3	0.002 ^	0.001 - 0.005	0.05
Cherries, Fresh	228	0			0.009 ^	0.05
Cherries, Frozen	282	0			0.009 ^	0.05
Grape Juice	531	0			0.001 ^	0.05
Green Beans, Canned	378	0			0.001 ^	0.05
Green Beans, Fresh	757	0			0.005 ^	0.05
Green Beans, Frozen	378	0			0.001 ^	0.05
Nectarines	681	0			0.002 ^	0.05
Peaches	707	0			0.005 ^	0.05
Strawberries	176	0			0.005 ^	NT
Summer Squash	531	0			0.005 - 0.010	0.05
Sweet Corn, Fresh	134	0			0.005 ^	NT
Sweet Corn, Frozen	41	0			0.005 ^	NT
Tomatoes	177	0			0.001 ^	0.05
Watermelon	390	0			0.001 ^	0.05
TOTAL	**8,582**	**150**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Triforine (fungicide)						
Apples	177	0			0.010 ^	NT
Grape Juice	531	0			0.010 ^	NT
Nectarines	681	0			0.025 ^	NT
Strawberries	176	0			0.10 ^	NT
Sweet Corn, Fresh	78	0			0.10 ^	NT
Sweet Corn, Frozen	12	0			0.10 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**2,045**	**0**				
Triticonazole (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.040 ^	NT
Blueberries, Frozen	5	0			0.040 ^	NT
Broccoli	712	0			0.010 ^	NT
Celery	348	0			0.040 ^	NT
Peaches	707	0			0.010 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	270	0			0.040 ^	NT
Sweet Corn, Fresh	134	0			0.003 - 0.025	NT
Sweet Corn, Frozen	41	0			0.003 - 0.025	NT
TOTAL	**2,747**	**0**				
Uniconazole (insect growth regulator)						
Blueberries, Cultivated, Fresh	354	0			0.040 ^	NT
Blueberries, Frozen	5	0			0.040 ^	NT
Celery	348	0			0.040 ^	NT
Strawberries	176	0			0.005 ^	NT
Summer Squash	270	0			0.040 ^	NT
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
TOTAL	**1,243**	**0**				
Vernolate (herbicide)						
Broccoli	712	0			0.010 ^	NT
Peaches	707	0			0.010 ^	NT
TOTAL	**1,419**	**0**				
Vinclozolin (fungicide)						
Apples	177	0			0.010 ^	NT
Bananas	179	0			0.010 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.010	NT
Blueberries, Frozen	19	0			0.005 - 0.010	NT
Broccoli	712	0			0.005 ^	NT
Carrots	708	0			0.002 ^	NT
Celery	708	0			0.001 - 0.005	NT
Cherries, Fresh	228	0			0.010 ^	NT
Cherries, Frozen	282	0			0.010 ^	NT
Grape Juice	531	0			0.010 ^	6.0
Green Beans, Canned	378	0			0.001 ^	NT
Green Beans, Frozen	378	0			0.001 ^	NT
Peaches	707	0			0.005 ^	25.0
Strawberries	176	0			0.005 ^	10.0
Summer Squash	270	0			0.005 ^	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Fresh	78	0			0.005 ^	NT
Sweet Corn, Frozen	12	0			0.005 ^	NT
Tomatoes	177	0			0.001 ^	NT
Watermelon	390	0			0.010 ^	NT
TOTAL	**6,798**	**0**				
Zoxamide (fungicide)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Celery	348	0			0.003 ^	NT
Green Beans, Fresh	757	0			0.002 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	531	0			0.003 - 0.010	1.0
Sweet Corn, Fresh	134	0			0.002 - 0.003	NT
Sweet Corn, Frozen	41	0			0.002 - 0.003	NT
TOTAL	**2,346**	**0**				

Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2014 and not to the current year. There may be instances where a tolerance was recently set or revoked that would have an effect on whether a residue is violative or not.

NOTES

^ Only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

AL = Numbers shown are Action Levels established by FDA for some pesticides. Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of action levels has been transferred to EPA. In the interim, action levels are used.

NT = No tolerance level was set for that pesticide/commodity pair.

EX = Exempt from the requirement of a tolerance in or on all food commodities.

EX2 = Exempt from the requirement of a tolerance in or on all food commodities when used to control insect larvae.

EX3 = Exempt from the requirement of a tolerance when applied to growing crops, in accordance with good agricultural practice.

SU = Safe for use in spot and/or crevice treatments in food handling establishments.

1 Acequinocyl in strawberries analyzed as the hydroxy metabolite.

2 Emamectin benzoate is the salt form of the active, Emamectin.

3 Halosulfuron methyl is the salt form of the active, Halosulfuron.

4 Metalaxyl and mefenoxam have separate registrations. Mefenoxam is also known as Metalaxyl-M, which is one of the spatial isomers comprising metalaxyl. The spatial isomers of metalaxyl are analytically indistinguishable via multiresidue methods.

5 Specific tolerance established for methamidophos in celery as a possible result of an acephate application.

6 Specific tolerance established for methamidophos in green beans as a possible result of an acephate application.

7 Propamocarb analytically determined as the salt (hydrochloride).

(X) = Residue was found which exceeds EPA tolerance or FDA action level. Following "X" are the number of occurrences. Refer to page 1 in Appendix L to see the sample origin (domestic, imported, or unknown) for each occurrence.

(V) = Residue was found where no tolerance was established by EPA. Following "V" are the number of occurrences. Refer to pages 2 through 4 in Appendix L to see the number of occurrences broken down by sample origin (domestic, imported, or unknown) for a commodity/pesticide pair.

Appendix C

Distribution of Residues by Pesticide in Oats

Appendix C shows residue detections for all compounds tested in oats, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and appendices apply to 2014 and not to the current year. There may be instances where tolerances have been recently set, modified, or revoked that would have an effect on whether a residue is violative or not.

In 2014, the Pesticide Data Program (PDP) analyzed 314 oat samples. PDP detected just one pesticide in the oat samples, the insecticide Piperonyl butoxide, at a concentration of 0.007 ppm where the established tolerance was 8 ppm.

Results for environmental contaminants across all commodities, including oats, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix G).

APPENDIX C. DISTRIBUTION OF RESIDUES BY PESTICIDE IN OATS

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Acephate	I	286				0.050 ^	0.02
Acetamiprid	I	314				0.025 ^	0.01
Acetochlor	H	314				0.20 ^	0.05
Alachlor	H	314				0.20 ^	0.05
Azinphos methyl	I	314				0.30 ^	NT
Azinphos methyl oxygen analog	IM	314				0.050 ^	NT
Azoxystrobin	F	314				0.25 ^	1.5
Bendiocarb	I	314				0.025 ^	SU
Benoxacor	S	314				0.10 ^	0.01
Bifenthrin	I	314				0.025 ^	0.05
Boscalid	F	314				0.010 ^	0.20
Captan	F	314				0.20 ^	0.05
Carbaryl	I	267				0.025 ^	NT
Carbendazim (MBC)	F	314				0.025 ^	NT
Carbofuran	I	314				0.010 ^	0.2
Carboxin	F	314				0.20 ^	0.2
Carfentrazone ethyl	H	314				0.025 ^	0.10
Chlorantraniliprole	I	314				0.050 ^	6.0
Chlorfenapyr	I	314				0.010 ^	0.01
Chlorpyrifos	I	314				0.025 ^	0.1
Clothianidin	I	314				0.025 ^	0.01
Cyfluthrin	I	314				0.10 ^	0.15
Cyhalothrin, Lambda	I	314				0.020 ^	0.05
Cypermethrin	I	314				0.10 ^	3.0
Cyproconazole	F	314				0.050 ^	NT
Dichlorvos (DDVP)	I	314				0.25 ^	0.5
Difenoconazole	F	314				0.25 ^	0.01
Diflubenzuron	I	284				0.20 ^	0.06
Dinotefuran	I	314				0.025 ^	0.01
Diuron	H	314				0.10 ^	0.1
Esfenvalerate+Fenvalerate Total	I	314				0.050 ^	0.05
Fenamidone	F	198				0.40 ^	0.1
Fenbuconazole	F	314				0.050 ^	NT
Fenpropathrin	I	314				0.050 ^	NT
Fenpyroximate	A	314				0.005 ^	NT
Florasulam	H	314				0.075 ^	0.01
Flufenacet	H	314				0.20 ^	0.1
Fluometuron	H	314				0.050 ^	0.5
Fluoxastrobin	F	314				0.005 ^	NT
Fluridone	H	314				0.40 ^	0.1
Fluvalinate	I	314				0.025 ^	NT
Hexythiazox	I	314				0.050 ^	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
3-Hydroxycarbofuran	IM	314				0.025 ^	0.2
Imidacloprid	I	314				0.025 ^	0.05
Lindane (BHC gamma)	I	314				0.10 ^	0.1
Malathion	I	284				0.10 ^	8
Malathion oxygen analog	IM	314				0.50 ^	8
Metalaxyl/Mefenoxam *	F	314				0.025 ^	0.2
Metconazole	F	314				0.20 ^	1.0
Methamidophos	I	314				0.050 ^	0.02
Methomyl	I	314				0.050 ^	1
Methoxyfenozide	I	314				0.025 ^	NT
Metolachlor	H	314				0.10 ^	0.10
MGK-264	I	314				0.20 ^	5
Myclobutanil	F	314				0.025 ^	0.03
1-Naphthol	IM	314				0.25 ^	NT
Parathion methyl	I	314				0.050 ^	1.0
Permethrin Total	I	314				0.40 ^	NT
Phenothrin	I	314				0.40 ^	0.01
Phorate oxygen analog	IM	314				0.025 ^	NT
Phosmet	I	314				0.050 ^	NT
Piperonyl butoxide	I	314	1	0.3	0.007 ^	0.005 ^	8
Pirimiphos methyl	I	314				0.10 ^	NT
Prallethrin	I	314				0.050 ^	1.0
Propargite	I	314				0.075 ^	NT
Propetamphos	I	314				0.10 ^	0.1
Propiconazole	F	314				0.25 ^	3.0
Prosulfuron	H	314				0.050 ^	0.01
Prothioconazole	F	204				0.50 ^	0.35
Pyraclostrobin	F	314				0.005 ^	1.2
Pyrasulfotole	H	314				0.050 ^	0.08
Pyrethrins	I	314				0.40 ^	1.0
Pyriproxyfen	I	314				0.005 ^	1.1
Resmethrin	I	314				0.40 ^	3.0
Rimsulfuron	H	284				0.050 ^	NT
Saflufenacil	H	314				0.12 ^	0.03
Spinetoram	I	314				0.050 ^	0.04
Spinosad	I	314				0.40 ^	1.5
Spiromesifen	I	314				0.005 ^	0.03
Spirotetramat	I	314				0.010 ^	NT
TCMTB	F	314				0.050 ^	0.1
Tebuconazole	F	314				0.025 ^	0.15
Tefluthrin	I	314				0.005 ^	NT
Tetraconazole	F	314				0.10 ^	NT
Tetrahydrophthalimide (THPI)	FM	314				0.25 ^	0.05
Thiamethoxam	I	314				0.025 ^	0.02

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Trifloxystrobin	F	314				0.050 ^	0.05
Trifluralin	H	314				0.005 ^	NT
Triticonazole	F	286				0.20 ^	0.01

Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2014 and not to the current year. There may be instances where a tolerance was recently set or revoked that

NOTES

^ = Only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

NT = No tolerance level was set for that pesticide/commodity pair.

SU = Safe for use in spot and/or crevice treatments in food handling establishments.

* = Metalaxyl and mefenoxam have separate registrations. Mefenoxam is also known as Metalaxyl-M, which is one of the spatial isomers comprising metalaxyl. The spatial isomers of metalaxyl are analytically indistinguishable via multiresidue methods.

Pesticide Types:

A = Acaricide

F = Fungicide, FM = Fungicide Metabolite

H = Herbicide

I = Insecticide, IM = Insecticide Metabolite

S = Herbicide Safener

Appendix D

Distribution of Residues by Pesticide in Rice

Appendix D shows residue detections for all compounds tested in rice, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and appendices apply to 2014 and not to the current year. There may be instances where tolerances have been recently set, modified, or revoked that would have an effect on whether a residue is violative or not.

In 2014, the Pesticide Data Program (PDP) analyzed 314 rice samples. PDP detected five different residues (including metabolites), representing five pesticides, in the rice samples. All residue detections were lower than the established tolerances for those compounds with established tolerances.

The Pesticide Data Program reports tolerance violations to the U.S. Food and Drug Administration (FDA) as part of an interagency Memorandum of Understanding between the U.S. Department of Agriculture and FDA. Residues reported to FDA are shown in the "Pesticide/Commodity" column to the right of the commodity and are annotated as "X" (if the residue exceeded the established tolerance) or "V" (if the residue did not have a tolerance listed in the Code of Federal Regulations, Title 40, Part 180). In both cases, these annotations are followed by a number indicating the number of samples reported to FDA.

Results for environmental contaminants across all commodities, including rice, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix G).

APPENDIX D. DISTRIBUTION OF RESIDUES BY PESTICIDE IN RICE

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Acephate	I	314				0.050 ^	0.02
Acetamiprid	I	314				0.025 ^	0.01
Acetochlor	H	314				0.20 ^	0.05
Azinphos methyl	I	314				0.30 ^	NT
Azinphos methyl oxygen analog	IM	314				0.050 ^	NT
Azoxystrobin	F	314				0.25 ^	5.0
Bendiocarb	I	314				0.025 ^	SU
Benoxacor	S	314				0.10 ^	0.01
Bifenthrin	I	314				0.025 ^	0.05
Boscalid	F	314				0.010 ^	0.20
Buprofezin	I	314				0.10 ^	NT
Captan	F	314				0.20 ^	0.05
Carbaryl	I	300				0.025 ^	15
Carbendazim (MBC)	F	314				0.025 ^	NT
Carbofuran	I	314				0.010 ^	0.2
Carboxin	F	314				0.20 ^	0.2
Carfentrazone ethyl	H	314				0.025 ^	0.10
Chlorantraniliprole	I	314				0.050 ^	0.15
Chlorfenapyr	I	279				0.010 ^	0.01
Chlorpyrifos	I	314				0.025 ^	0.1
Chlorpyrifos methyl	I	314				0.025 ^	6.0
Clothianidin	I	314				0.025 ^	0.01
Cyfluthrin	I	314				0.10 ^	0.05
Cyhalothrin, Lambda	I	314				0.020 ^	1.0
Cypermethrin	I	314				0.10 ^	1.50
Cyproconazole	F	314				0.050 ^	NT
Diazinon	I	314				0.050 ^	NT
Diazinon oxygen analog	IM	314				0.050 ^	NT
Dichlorvos (DDVP)	I	314				0.25 ^	0.5
Difenoconazole	F	314				0.25 ^	NT
Diflubenzuron	I	300				0.20 ^	0.02
Dinotefuran	I	314	3	1	0.037 - 0.0485	0.025 ^	9.0
Diuron	H	314				0.10 ^	NT
Esfenvalerate+Fenvalerate Total	I	314				0.050 ^	0.05
Etofenprox	I	314				0.050 ^	0.01
Fenbuconazole	F	314				0.050 ^	NT
Fenoxaprop ethyl	H	314				0.005 ^	0.05
Fenpropathrin	I	314				0.050 ^	NT
Fenpyroximate	A	314				0.005 ^	NT
Fipronil	I	314				0.20 ^	0.04
Fluometuron	H	314				0.050 ^	0.5
Fluoxastrobin	F	314				0.005 ^	4.0

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Fluridone	H	314				0.40 ^	0.1
Flutolanil	F	314				0.10 ^	7.0
Fluvalinate	I	314				0.025 ^	NT
Hexythiazox	I	314				0.050 ^	NT
3-Hydroxycarbofuran	IM	314				0.025 ^	0.2
Imidacloprid	I	314				0.025 ^	0.05
Lindane (BHC gamma)	I	314				0.10 ^	0.1
Malathion	I	314				0.10 ^	8
Malathion oxygen analog	IM	314				0.50 ^	8
Metalaxyl/Mefenoxam *	F	314				0.025 ^	0.1
Metconazole	F	314				0.20 ^	NT
Methamidophos	I	314				0.050 ^	0.02
Methomyl	I	314				0.050 ^	NT
Methoxyfenozide	I	314				0.025 ^	NT
Metolachlor	H	314				0.10 ^	0.10
MGK-264	I	314	1	0.3	0.48 ^	0.20 ^	5
Molinate	H	314				0.050 ^	NT
Myclobutanil	F	285				0.025 ^	0.03
1-Naphthol	IM	314				0.25 ^	15
Parathion methyl	I	314				0.050 ^	1.0
Pendimethalin	H	314				0.10 ^	0.1
Permethrin Total	I	314				0.40 ^	NT
Phenothrin	I	314				0.40 ^	0.01
Phosmet	I	314				0.050 ^	NT
Phosmet oxygen analog	IM	314				0.025 ^	NT
Piperonyl butoxide	I	314	35	11.1	0.005 - 0.30	0.005 ^	20
Pirimiphos methyl	I	314				0.10 ^	NT
Prallethrin	I	314				0.050 ^	1.0
Propanil	H	314				0.20 ^	10
Propargite	I	314				0.075 ^	NT
Propetamphos	I	313				0.10 ^	0.1
Propiconazole	F	300				0.25 ^	7.0
Prothioconazole	F	300				0.50 ^	0.35
Pyraclostrobin	F	314				0.005 ^	NT
Pyrasulfotole	H	314				0.050 ^	NT
Pyrethrins	I	314				0.40 ^	3.0
Pyriproxyfen	I	314				0.005 ^	1.1
Resmethrin	I	314				0.40 ^	3.0
Rimsulfuron	H	314				0.050 ^	NT
Saflufenacil	H	314				0.12 ^	0.03
Spinosad	I	314				0.40 ^	1.5
Spirotetramat	I	300				0.010 ^	NT
TCMTB	F	314				0.050 ^	0.1
Tebuconazole (V-1)	F	314	1	0.3	0.0378 ^	0.025 ^	NT

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tefluthrin	I	314				0.005 ^	NT
Tetraconazole	F	300				0.10 ^	NT
Tetrahydrophthalimide (THPI)	FM	314				0.25 ^	0.05
Thiamethoxam	I	314				0.025 ^	0.02
Thiobencarb	H	314				0.050 ^	0.2
Tricyclazole	F	314	5	1.6	0.0708 - 0.12	0.050 ^	3.0
Trifloxystrobin	F	314				0.050 ^	3.5
Trifluralin	H	314				0.005 ^	NT

Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2014 and not to the current year. There may be instances where a tolerance was recently set or revoked that

NOTES

^ = Only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

NT = No tolerance level was set for that pesticide/commodity pair.

SU = Safe for use in spot and/or crevice treatments in food handling establishments.

(V) = Residue was found where no tolerance was established by EPA. Following "V" are the number of occurrences. Refer to pages 2 through 4 in Appendix L to see the number of occurrences broken down by sample origin (domestic, imported, or unknown) for a commodity/pesticide pair.

* = Metalaxyl and mefenoxam have separate registrations. Mefenoxam is also known as Metalaxyl-M, which is one of the spatial isomers comprising metalaxyl. The spatial isomers of metalaxyl are analytically indistinguishable via multiresidue methods.

Pesticide Types:

A = Acaricide
F = Fungicide, FM = Fungicide Metabolite
H = Herbicide
I = Insecticide, IM = Insecticide Metabolite
S = Herbicide Safener

Appendix E

Distribution of Residues by Pesticide in Infant Formula

Appendix E shows residue detections for all compounds tested in dairy-based and soy-based infant formula, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and appendices apply to 2014 and not to the current year. There may be instances where tolerances have been recently set, modified, or revoked that would have an effect on whether a residue is violative or not.

In 2014, the Pesticide Data Program (PDP) analyzed 528 dairy-based formula samples and 527 soy-based formula samples. PDP detected just one pesticide in seven infant formula samples; the insecticide synergist MGK-264, at a concentration of 0.003 ppm where the established tolerance was 5 ppm.

Results for environmental contaminants across all commodities, including infant formula, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix G).

APPENDIX E. DISTRIBUTION OF RESIDUES BY PESTICIDE IN INFANT FORMULA

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Abamectin (I)						
Infant Formula, Soy-based	527				0.020 ^	0.01
Acephate (I)						
Infant Formula, Dairy-based	528				0.002 ^	0.1
Infant Formula, Soy-based	527				0.010 ^	1.0
Acetamiprid (I)						
Infant Formula, Dairy-based	528				0.001 ^	0.30
Infant Formula, Soy-based	527				0.003 ^	0.03
Acetochlor (H)						
Infant Formula, Soy-based	527				0.005 ^	1.0
Acibenzolar S methyl (L)						
Infant Formula, Dairy-based	488				0.004 - 0.012	NT
Alachlor (H)						
Infant Formula, Dairy-based	528				0.002 ^	0.02
Infant Formula, Soy-based	527				0.005 ^	NT
Aldicarb (I)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.010 ^	0.02
Aldicarb sulfone (IM)						
Infant Formula, Dairy-based	528				0.003 - 0.010	NT
Infant Formula, Soy-based	527				0.010 ^	0.02
Aldicarb sulfoxide (IM)						
Infant Formula, Dairy-based	528				0.002 - 0.012	NT
Infant Formula, Soy-based	527				0.010 ^	0.02
Allethrin (I)						
Infant Formula, Soy-based	527				0.020 ^	EX
Ametoctradin (F)						
Infant Formula, Soy-based	527				0.003 ^	NT
Ametryn (H)						
Infant Formula, Soy-based	527				0.005 ^	NT
Atrazine (H)						
Infant Formula, Dairy-based	528				0.001 ^	0.02
Infant Formula, Soy-based	527				0.005 ^	NT
Azinphos ethyl (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Azinphos methyl (I)						
Infant Formula, Dairy-based	528				0.012 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Azinphos methyl oxygen analog (IM)						
Infant Formula, Soy-based	527				0.010 ^	NT
Azoxystrobin (F)						
Infant Formula, Dairy-based	528				0.001 ^	0.006
Infant Formula, Soy-based	527				0.003 ^	0.5
Bendiocarb (I)						
Infant Formula, Dairy-based	528				0.001 ^	SU
Infant Formula, Soy-based	527				0.005 ^	SU
Benfluralin (H)						
Infant Formula, Soy-based	527				0.005 ^	NT
Benoxacor (S)						
Infant Formula, Dairy-based	528				0.001 ^	0.01
Infant Formula, Soy-based	527				0.010 ^	0.01
Bensulide (H)						
Infant Formula, Soy-based	527				0.003 ^	NT

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Bifenox (H)						
Infant Formula, Soy-based	527				0.005 ^	NT
Bifenthrin (I)						
Infant Formula, Dairy-based	528				0.002 ^	0.1
Infant Formula, Soy-based	527				0.010 ^	0.2
Bitertanol (F)						
Infant Formula, Soy-based	527				0.040 ^	NT
Boscalid (F)						
Infant Formula, Soy-based	527				0.005 ^	0.1
Bromacil (H)						
Infant Formula, Soy-based	527				0.010 ^	NT
Bromopropylate (A)						
Infant Formula, Soy-based	527				0.010 ^	NT
Bromuconazole (F)						
Infant Formula, Soy-based	527				0.010 ^	NT
Bupirimate (F)						
Infant Formula, Soy-based	527				0.040 ^	NT
Buprofezin (I)						
Infant Formula, Dairy-based	528				0.001 ^	0.01
Infant Formula, Soy-based	527				0.005 ^	NT
Cadusafos (I)						
Infant Formula, Soy-based	527				0.003 ^	NT
Carbaryl (I)						
Infant Formula, Dairy-based	528				0.001 ^	1.0
Infant Formula, Soy-based	527				0.005 ^	0.5
Carbendazim (MBC) (F)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.005 ^	0.2
Carbofuran (I)						
Infant Formula, Dairy-based	528				0.001 ^	0.1
Infant Formula, Soy-based	527				0.005 ^	1.0
Carbophenothion (I)						
Infant Formula, Dairy-based	488				0.002 ^	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Carbophenothion methyl (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Carboxin (F)						
Infant Formula, Soy-based	527				0.005 ^	0.2
Carfentrazone ethyl (H)						
Infant Formula, Dairy-based	528				0.005 - 0.015	0.05
Infant Formula, Soy-based	527				0.003 ^	0.10
Chlorantraniliprole (I)						
Infant Formula, Dairy-based	528				0.002 ^	0.1
Infant Formula, Soy-based	527				0.010 ^	2.0
Chlorethoxyfos (I)						
Infant Formula, Soy-based	527				0.010 ^	NT
Chlorfenapyr (I)						
Infant Formula, Dairy-based	528				0.002 ^	0.01
Chlorfenvinphos (I)						
Infant Formula, Dairy-based	528				0.004 - 0.012	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Chlorobenzilate (A)						
Infant Formula, Soy-based	527				0.003 ^	NT
Chloroneb (F)						
Infant Formula, Soy-based	527				0.005 ^	0.2

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Chlorothalonil (F)						
Infant Formula, Soy-based	498				0.010 ^	0.2
Chlorpropham (H)						
Infant Formula, Dairy-based	528				0.001 - 0.003	0.30
Infant Formula, Soy-based	527				0.005 ^	NT
Chlorpyrifos (I)						
Infant Formula, Dairy-based	528				0.001 ^	0.01
Infant Formula, Soy-based	527				0.010 ^	0.3
Chlorpyrifos oxygen analog (IM)						
Infant Formula, Dairy-based	528				0.001 ^	0.01
Infant Formula, Soy-based	527				0.010 ^	0.3
Clethodim (H)						
Infant Formula, Dairy-based	528				0.002 ^	0.05
Clofentezine (I)						
Infant Formula, Soy-based	527				0.020 ^	NT
Clomazone (H)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.003 ^	0.05
Clothianidin (I)						
Infant Formula, Dairy-based	528				0.002 ^	0.01
Infant Formula, Soy-based	527				0.005 ^	0.02
Coumaphos (I)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Coumaphos oxygen analog (IM)						
Infant Formula, Dairy-based	528				0.008 ^	NT
Crotoxyphos (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Crufomate (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Cyazofamid (I)						
Infant Formula, Soy-based	527				0.010 ^	NT
Cyfluthrin (I)						
Infant Formula, Dairy-based	528				0.008 ^	0.2
Infant Formula, Soy-based	527				0.005 ^	0.03
Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer) (I)						
Infant Formula, Dairy-based	528				0.003 ^	0.4
Infant Formula, Soy-based	527				0.010 ^	0.01
Cymoxanil (F)						
Infant Formula, Dairy-based	528				0.003 ^	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Cypermethrin (I)						
Infant Formula, Dairy-based	528				0.022 ^	0.10
Infant Formula, Soy-based	527				0.010 ^	0.05
Cyphenothrin (I)						
Infant Formula, Soy-based	527				0.010 ^	NT
Cyproconazole (F)						
Infant Formula, Soy-based	527				0.010 ^	0.05
Cyprodinil (F)						
Infant Formula, Soy-based	527				0.003 ^	0.6
DCPA (H)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.003 ^	2.0
DEF (Tribufos) (H)						
Infant Formula, Soy-based	527				0.003 ^	NT

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Deltamethrin (includes parent Tralomethrin) (I)						
Infant Formula, Dairy-based	528				0.012 - 0.040	0.02
Infant Formula, Soy-based	527				0.005 ^	0.1
Demeton-O (IM)						
Infant Formula, Soy-based	527				0.020 ^	NT
Demeton-S (IM)						
Infant Formula, Soy-based	527				0.030 ^	NT
Demeton-S sulfone (IM)						
Infant Formula, Soy-based	527				0.003 ^	NT
Dialifos (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Diazinon (I)						
Infant Formula, Soy-based	527				0.003 ^	NT
Diazinon oxygen analog (IM)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Dichlobenil (H)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Dichlorvos (DDVP) (I)						
Infant Formula, Dairy-based	528				0.003 ^	0.02
Infant Formula, Soy-based	527				0.020 ^	0.5
Dicloran (F)						
Infant Formula, Dairy-based	508				0.002 ^	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Dicofol o,p' (I)						
Infant Formula, Dairy-based	528				0.002 ^	0.75
Infant Formula, Soy-based	527				0.010 ^	0.5
Dicofol p,p' (I)						
Infant Formula, Dairy-based	528				0.001 - 0.003	0.75
Infant Formula, Soy-based	527				0.005 ^	0.5
Dicrotophos (I)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Diethofencarb (F)						
Infant Formula, Soy-based	527				0.003 ^	NT
Difenoconazole (F)						
Infant Formula, Dairy-based	528				0.003 ^	0.01
Infant Formula, Soy-based	527				0.005 ^	0.15
Diflubenzuron (I)						
Infant Formula, Dairy-based	528				0.002 ^	0.05
Infant Formula, Soy-based	527				0.020 ^	0.05
Dimethenamid (H)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Dimethoate (I)						
Infant Formula, Dairy-based	508				0.002 - 0.008	0.002
Infant Formula, Soy-based	527				0.003 ^	0.05
Dimethomorph (F)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Diniconazole (F)						
Infant Formula, Soy-based	527				0.020 ^	NT
Dinotefuran (I)						
Infant Formula, Dairy-based	528				0.006 ^	0.05
Infant Formula, Soy-based	527				0.010 ^	0.01

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Dioxathion (I)						
Infant Formula, Soy-based	527				0.020 ^	NT
Diphenamid (H)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Diphenylamine (DPA) (F)						
Infant Formula, Dairy-based	528				0.003 - 0.010	0.01
Infant Formula, Soy-based	527				0.003 ^	NT
Disulfoton (I)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Disulfoton oxon (IM)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Disulfoton sulfone (IM)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Disulfoton sulfone oxygen analog (IM)						
Infant Formula, Dairy-based	528				0.003 ^	NT
Disulfoton sulfoxide (IM)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Disulfoton sulfoxide oxygen analog (IM)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Diuron (H)						
Infant Formula, Dairy-based	528				0.008 ^	NT
Infant Formula, Soy-based	527				0.020 ^	NT
DMST (4-dimethylaminosulphotosluidide) (FM)						
Infant Formula, Soy-based	527				0.003 ^	NT
Dodine (F)						
Infant Formula, Soy-based	527				0.020 ^	NT
Emamectin (I)						
Infant Formula, Soy-based	527				0.010 ^	NT
Emamectin benzoate (I)						
Infant Formula, Dairy-based	528				0.001 ^	0.003
Endosulfan I (IM)						
Infant Formula, Dairy-based	528				0.006 ^	NT
Infant Formula, Soy-based	527				0.010 ^	2.0
Endosulfan II (IM)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.010 ^	2.0
Endosulfan sulfate (IM)						
Infant Formula, Dairy-based	528				0.012 ^	NT
Infant Formula, Soy-based	527				0.005 ^	2.0
Epoxiconazole (F)						
Infant Formula, Soy-based	527				0.005 ^	NT
EPTC (H)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Esfenvalerate+Fenvalerate Total (I)						
Infant Formula, Dairy-based	528				0.002 ^	0.3
Infant Formula, Soy-based	527				0.005 ^	0.05
Ethalfluralin (H)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.005 ^	0.05
Ethion (I)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Ethion mono oxon (IM)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Ethofumesate (H)						
Infant Formula, Soy-based	527				0.003 ^	NT
Ethoprop (I)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Ethylan (I)						
Infant Formula, Soy-based	527				0.003 ^	NT
Etofenprox (I)						
Infant Formula, Soy-based	497				0.003 ^	5.0
Etoxazole (A)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Etridiazole (F)						
Infant Formula, Soy-based	527				0.020 ^	0.1
Famoxadone (F)						
Infant Formula, Soy-based	527				0.010 ^	NT
Fenamidone (F)						
Infant Formula, Dairy-based	508				0.002 ^	0.02
Infant Formula, Soy-based	527				0.010 ^	0.02
Fenamiphos (I)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Fenamiphos sulfone (IM)						
Infant Formula, Dairy-based	528				0.004 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Fenamiphos sulfoxide (IM)						
Infant Formula, Dairy-based	528				0.004 ^	NT
Infant Formula, Soy-based	527				0.020 ^	NT
Fenarimol (F)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Fenazaquin (I)						
Infant Formula, Soy-based	527				0.003 ^	NT
Fenbuconazole (F)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Fenchlorphos (I)						
Infant Formula, Soy-based	527				0.003 ^	NT
Fenhexamid (F)						
Infant Formula, Dairy-based	59				0.030 ^	NT
Infant Formula, Soy-based	527				0.040 ^	NT
Fenitrothion (I)						
Infant Formula, Dairy-based	528				0.003 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Fenobucarb (BPMC) (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Fenpropathrin (I)						
Infant Formula, Dairy-based	528				0.003 ^	0.08
Infant Formula, Soy-based	527				0.005 ^	NT
Fenpropimorph (F)						
Infant Formula, Soy-based	527				0.003 ^	NT
Fenpyroximate (A)						
Infant Formula, Dairy-based	528				0.001 - 0.003	0.015

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Fensulfothion (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Fenthion (I)						
Infant Formula, Dairy-based	528				0.002 - 0.016	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Fipronil (I)						
Infant Formula, Dairy-based	528				0.002 ^	0.05
Flonicamid (I)						
Infant Formula, Dairy-based	528				0.001 - 0.003	0.05
Infant Formula, Soy-based	527				0.030 ^	NT
Fluazifop butyl (H)						
Infant Formula, Dairy-based	528				0.001 ^	0.05
Infant Formula, Soy-based	527				0.003 ^	2.5
Fludioxonil (F)						
Infant Formula, Dairy-based	528				0.012 - 0.040	0.01
Infant Formula, Soy-based	527				0.010 ^	0.4
Flufenacet (H)						
Infant Formula, Soy-based	527				0.010 ^	0.1
Flufenoxuron (I)						
Infant Formula, Soy-based	527				0.010 ^	NT
Flumioxazin (H)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.020 ^	0.02
Fluopicolide (F)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Fluoxastrobin (F)						
Infant Formula, Dairy-based	528				0.001 ^	0.03
Infant Formula, Soy-based	527				0.003 ^	0.05
Fluquinconazole (F)						
Infant Formula, Soy-based	527				0.010 ^	NT
Fluridone (H)						
Infant Formula, Soy-based	527				0.003 ^	0.1
Flusilazole (F)						
Infant Formula, Soy-based	527				0.003 ^	0.04
Flutolanil (F)						
Infant Formula, Soy-based	527				0.003 ^	0.20
Flutriafol (F)						
Infant Formula, Soy-based	527				0.010 ^	0.35
Fluvalinate (I)						
Infant Formula, Soy-based	527				0.010 ^	NT
Fonofos (I)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Forchlorfenuron (P)						
Infant Formula, Soy-based	527				0.003 ^	NT
Formetanate hydrochloride (I)						
Infant Formula, Soy-based	527				0.010 ^	NT
Fosthiazate (T)						
Infant Formula, Soy-based	527				0.003 ^	NT
Hexaconazole (F)						
Infant Formula, Soy-based	527				0.020 ^	NT
Hexythiazox (I)						
Infant Formula, Soy-based	527				0.005 ^	NT

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Hydroprene (R)						
Infant Formula, Dairy-based	59				0.002 ^	0.2
Infant Formula, Soy-based	527				0.010 ^	0.2
3-Hydroxycarbofuran (IM)						
Infant Formula, Dairy-based	528				0.001 - 0.004	0.1
Infant Formula, Soy-based	527				0.010 ^	1.0
5-Hydroxythiabendazole (FM)						
Infant Formula, Soy-based	527				0.005 ^	0.1
Imazalil (F)						
Infant Formula, Dairy-based	528				0.001 ^	0.02
Infant Formula, Soy-based	527				0.005 ^	NT
Imidacloprid (I)						
Infant Formula, Dairy-based	528				0.003 ^	0.10
Infant Formula, Soy-based	527				0.010 ^	0.3
Imiprothrin (I)						
Infant Formula, Soy-based	527				0.010 ^	NT
Indaziflam (H)						
Infant Formula, Soy-based	527				0.003 ^	NT
Indoxacarb (I)						
Infant Formula, Soy-based	527				0.010 ^	0.80
Iprodione (F)						
Infant Formula, Dairy-based	59				0.009 ^	0.5
Infant Formula, Soy-based	527				0.005 ^	2.0
Iprovalicarb (F)						
Infant Formula, Soy-based	527				0.005 ^	NT
Isofenphos (I)						
Infant Formula, Soy-based	527				0.003 ^	NT
Isoprocarb (I)						
Infant Formula, Soy-based	527				0.010 ^	NT
Isoproturon (H)						
Infant Formula, Soy-based	527				0.003 ^	NT
Kresoxim-methyl (F)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Lactofen (H)						
Infant Formula, Soy-based	527				0.005 ^	0.01
Lenacil (H)						
Infant Formula, Soy-based	527				0.005 ^	NT
Leptophos oxygen analog (IM)						
Infant Formula, Soy-based	527				0.020 ^	NT
Lindane (BHC gamma) (I)						
Infant Formula, Dairy-based	528				0.001 ^	0.3
Infant Formula, Soy-based	527				0.003 ^	0.5 AL
Linuron (H)						
Infant Formula, Dairy-based	528				0.003 ^	0.05
Infant Formula, Soy-based	527				0.010 ^	1.0
Malathion (I)						
Infant Formula, Dairy-based	528				0.001 - 0.003	0.5
Infant Formula, Soy-based	527				0.005 ^	8
Malathion oxygen analog (IM)						
Infant Formula, Dairy-based	528				0.010 ^	0.5
Infant Formula, Soy-based	527				0.003 ^	8
Mandipropamid (F)						
Infant Formula, Dairy-based	528				0.015 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Melamine (RM)						
Infant Formula, Dairy-based	469				0.015 ^	0.05
Mepanipyrim (F)						
Infant Formula, Soy-based	527				0.005 ^	NT
Metalaxyl/Mefenoxam (F) *						
Infant Formula, Dairy-based	528				0.001 ^	0.02
Infant Formula, Soy-based	527				0.003 ^	1.0
Metconazole (F)						
Infant Formula, Soy-based	527				0.010 ^	0.05
Methamidophos (I)						
Infant Formula, Dairy-based	528				0.004 ^	0.1
Infant Formula, Soy-based	527				0.005 ^	1.0
Methidathion (I)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Methiocarb (I)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Methiocarb sulfoxide (IM)						
Infant Formula, Soy-based	527				0.005 ^	NT
Methomyl (I)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.020 ^	2
Methoprene (R)						
Infant Formula, Dairy-based	528				0.050 ^	EX2
Methoxychlor Total (I)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Methoxychlor olefin (IM)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Methoxychlor p,p' (IM)						
Infant Formula, Soy-based	527				0.005 ^	NT
Methoxyfenozide (I)						
Infant Formula, Dairy-based	528				0.001 ^	0.10
Infant Formula, Soy-based	527				0.005 ^	1.0
Metolachlor (H)						
Infant Formula, Dairy-based	528				0.001 ^	0.02
Infant Formula, Soy-based	527				0.003 ^	0.20
Metribuzin (H)						
Infant Formula, Dairy-based	528				0.002 ^	0.05
Infant Formula, Soy-based	527				0.005 ^	0.3
Mevinphos (I)						
Infant Formula, Dairy-based	528				0.005 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
MGK-264 (I)						
Infant Formula, Soy-based	527	7	1.3	0.003 ^	0.003 ^	5
Monocrotophos (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Myclobutanil (F)						
Infant Formula, Dairy-based	528				0.001 ^	0.2
Infant Formula, Soy-based	527				0.010 ^	0.25
Napropamide (H)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Nitrofen (H)						
Infant Formula, Soy-based	527				0.005 ^	NT

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Norflurazon (H)						
Infant Formula, Dairy-based	528				0.001 ^	0.1
Infant Formula, Soy-based	527				0.010 ^	0.1
Norflurazon desmethyl (HM)						
Infant Formula, Dairy-based	528				0.001 ^	0.1
Infant Formula, Soy-based	527				0.010 ^	0.1
Novaluron (I)						
Infant Formula, Dairy-based	489				0.001 - 0.006	1.0
Infant Formula, Soy-based	527				0.080 ^	0.07
Omethoate (IM)						
Infant Formula, Dairy-based	528				0.002 ^	0.002
Infant Formula, Soy-based	527				0.005 ^	0.05
Oxadiazon (H)						
Infant Formula, Soy-based	527				0.003 ^	NT
Oxadixyl (F)						
Infant Formula, Dairy-based	528				0.003 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Oxamyl (I)						
Infant Formula, Dairy-based	528				0.002 - 0.012	NT
Infant Formula, Soy-based	527				0.010 ^	0.1
Oxamyl oxime (IM)						
Infant Formula, Soy-based	527				0.020 ^	0.1
Oxydemeton methyl (I)						
Infant Formula, Soy-based	527				0.003 ^	NT
Oxydemeton methyl sulfone (IM)						
Infant Formula, Dairy-based	528				0.012 ^	0.01
Infant Formula, Soy-based	527				0.005 ^	NT
Oxyfluorfen (H)						
Infant Formula, Dairy-based	528				0.001 ^	0.01
Infant Formula, Soy-based	527				0.010 ^	0.05
Paclobutrazol (P)						
Infant Formula, Soy-based	527				0.010 ^	NT
Parathion (I)						
Infant Formula, Dairy-based	528				0.003 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Parathion methyl (I)						
Infant Formula, Dairy-based	528				0.002 - 0.008	NT
Infant Formula, Soy-based	527				0.005 ^	0.1
Parathion methyl oxygen analog (IM)						
Infant Formula, Dairy-based	528				0.005 ^	NT
Infant Formula, Soy-based	527				0.010 ^	0.1
Parathion oxygen analog (IM)						
Infant Formula, Dairy-based	528				0.003 - 0.010	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Penconazole (F)						
Infant Formula, Soy-based	527				0.010 ^	NT
Pencycuron (F)						
Infant Formula, Soy-based	527				0.005 ^	NT
Pendimethalin (H)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.005 ^	0.10
Pentachloroaniline (PCA) (FM)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.003 ^	0.1

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Pentachlorobenzene (PCB) (FM)						
Infant Formula, Dairy-based	528				0.008 - 0.015	NT
Infant Formula, Soy-based	527				0.005 ^	0.1
Pentachlorophenyl methyl sulfide (FM)						
Infant Formula, Dairy-based	59				0.003 ^	NT
Penthiopyrad (F)						
Infant Formula, Soy-based	527				0.003 ^	0.40
Permethrin cis (IM)						
Infant Formula, Dairy-based	528				0.001 ^	0.88
Infant Formula, Soy-based	527				0.005 ^	0.05
Permethrin trans (IM)						
Infant Formula, Dairy-based	528				0.001 ^	0.88
Infant Formula, Soy-based	527				0.005 ^	0.05
Phenothrin (I)						
Infant Formula, Dairy-based	528				0.002 ^	0.01
Infant Formula, Soy-based	527				0.005 ^	0.01
Phenthoate (I)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Phorate (I)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.010 ^	0.05
Phorate oxygen analog (IM)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.005 ^	0.05
Phorate sulfone (IM)						
Infant Formula, Dairy-based	528				0.003 ^	NT
Infant Formula, Soy-based	527				0.005 ^	0.05
Phorate sulfoxide (IM)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.005 ^	0.05
Phosalone (I)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Phosmet (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Phosphamidon (I)						
Infant Formula, Dairy-based	528				0.003 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Phoxim (I)						
Infant Formula, Soy-based	527				0.003 ^	NT
Piperonyl butoxide (I)						
Infant Formula, Dairy-based	528				0.005 ^	0.25
Pirimicarb (I)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Pirimicarb desmethyl (IM)						
Infant Formula, Soy-based	527				0.003 ^	NT
Pirimiphos methyl (I)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Prallethrin (I)						
Infant Formula, Soy-based	527				0.020 ^	1.0
Prochloraz (F)						
Infant Formula, Soy-based	527				0.010 ^	NT

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Procymidone (F)						
Infant Formula, Soy-based	527				0.010 ^	NT
Profenofos (I)						
Infant Formula, Dairy-based	528				0.002 ^	0.01
Infant Formula, Soy-based	527				0.005 ^	NT
Profluralin (H)						
Infant Formula, Soy-based	527				0.005 ^	NT
Promecarb (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Prometryn (H)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Pronamide (H)						
Infant Formula, Dairy-based	528				0.001 ^	0.02
Infant Formula, Soy-based	527				0.003 ^	NT
Propachlor (H)						
Infant Formula, Dairy-based	528				0.001 ^	0.02
Propamocarb hydrochloride (F)						
Infant Formula, Soy-based	527				0.010 ^	NT
Propanil (H)						
Infant Formula, Soy-based	527				0.010 ^	NT
Propaquizafop (H)						
Infant Formula, Soy-based	527				0.005 ^	NT
Propargite (I)						
Infant Formula, Dairy-based	528				0.006 ^	0.08
Infant Formula, Soy-based	527				0.005 ^	0.2
Propetamphos (I)						
Infant Formula, Dairy-based	528				0.002 ^	0.1
Infant Formula, Soy-based	527				0.005 ^	0.1
Propham (H)						
Infant Formula, Soy-based	527				0.005 ^	NT
Propiconazole (F)						
Infant Formula, Dairy-based	528				0.008 ^	0.05
Infant Formula, Soy-based	527				0.010 ^	2.0
Prothiofos (I)						
Infant Formula, Soy-based	527				0.010 ^	NT
Pymetrozine (I)						
Infant Formula, Dairy-based	528				0.005 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Pyraclostrobin (F)						
Infant Formula, Dairy-based	528				0.004 ^	0.1
Infant Formula, Soy-based	527				0.003 ^	0.04
Pyraflufen ethyl (H)						
Infant Formula, Soy-based	527				0.003 ^	0.01
Pyrazophos (F)						
Infant Formula, Soy-based	527				0.005 ^	NT
Pyridaben (I)						
Infant Formula, Soy-based	527				0.003 ^	NT
Pyrimethanil (F)						
Infant Formula, Dairy-based	528				0.001 ^	0.05
Infant Formula, Soy-based	527				0.005 ^	NT
Pyriproxyfen (I)						
Infant Formula, Dairy-based	528				0.003 ^	0.10
Infant Formula, Soy-based	527				0.003 ^	0.20
Quinalphos (I)						
Infant Formula, Soy-based	527				0.005 ^	NT

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Quinoxyfen (F)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Quintozene (PCNB) (F)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.005 ^	0.1
Quizalofop ethyl (H)						
Infant Formula, Soy-based	527				0.010 ^	0.05
Resmethrin (I)						
Infant Formula, Soy-based	527				0.010 ^	3.0
Resmethrin cis (IM)						
Infant Formula, Dairy-based	528				0.002 ^	3.0
Resmethrin trans (IM)						
Infant Formula, Dairy-based	528				0.002 ^	3.0
Rotenone (I)						
Infant Formula, Soy-based	527				0.040 ^	NT
Sethoxydim (H)						
Infant Formula, Soy-based	527				0.005 ^	16
Simazine (H)						
Infant Formula, Dairy-based	528				0.001 ^	0.03
Infant Formula, Soy-based	527				0.005 ^	NT
Spinetoram (I)						
Infant Formula, Dairy-based	528				0.001 ^	0.30
Infant Formula, Soy-based	527				0.010 ^	0.04
Spinosad (I)						
Infant Formula, Dairy-based	528				0.001 ^	7.0
Infant Formula, Soy-based	527				0.003 ^	0.02
Spirodiclofen (A)						
Infant Formula, Soy-based	527				0.005 ^	NT
Spiromesifen Total (parent + enol metabolite) (I)						
Infant Formula, Dairy-based	59				0.002 ^	0.01
Spiromesifen (I)						
Infant Formula, Soy-based	527				0.005 ^	0.02
Spirotetramat (I)						
Infant Formula, Soy-based	527				0.003 ^	5.0
Spiroxamine (F)						
Infant Formula, Soy-based	527				0.003 ^	NT
Sulfallate (H)						
Infant Formula, Soy-based	527				0.005 ^	NT
Sulfentrazone (H)						
Infant Formula, Soy-based	527				0.010 ^	0.15
Sulprofos (I)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Tebuconazole (F)						
Infant Formula, Dairy-based	528				0.002 ^	0.1
Infant Formula, Soy-based	527				0.010 ^	0.08
Tebufenozide (I)						
Infant Formula, Dairy-based	528				0.010 ^	0.04
Infant Formula, Soy-based	527				0.005 ^	NT
Tebufenpyrad (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Tebuthiuron (H)						
Infant Formula, Dairy-based	528				0.001 ^	0.8
Infant Formula, Soy-based	527				0.003 ^	NT

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Tecnazene (P)						
Infant Formula, Dairy-based	528				0.003 ^	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Tefluthrin (I)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.003 ^	NT
Terbacil (H)						
Infant Formula, Dairy-based	528				0.003 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Terbufos (I)						
Infant Formula, Soy-based	527				0.003 ^	NT
Terbufos sulfone (IM)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Terbuthylazine (H)						
Infant Formula, Soy-based	527				0.003 ^	NT
Tetrachlorvinphos (I)						
Infant Formula, Dairy-based	528				0.003 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Tetraconazole (F)						
Infant Formula, Dairy-based	528				0.001 ^	0.03
Infant Formula, Soy-based	527				0.010 ^	0.15
Tetradifon (I)						
Infant Formula, Dairy-based	528				0.002 ^	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Tetrahydrophthalimide (THPI) (FM)						
Infant Formula, Dairy-based	528				0.004 ^	0.10
Infant Formula, Soy-based	527				0.010 ^	0.05
Tetramethrin (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Thiabendazole (F)						
Infant Formula, Dairy-based	508				0.001 ^	0.1
Infant Formula, Soy-based	527				0.005 ^	0.1
Thiacloprid (I)						
Infant Formula, Dairy-based	528				0.003 ^	0.030
Infant Formula, Soy-based	527				0.003 ^	NT
Thiamethoxam (I)						
Infant Formula, Dairy-based	528				0.005 - 0.015	0.02
Infant Formula, Soy-based	527				0.003 ^	0.02
Thiobencarb (H)						
Infant Formula, Dairy-based	528				0.003 ^	0.05
Infant Formula, Soy-based	527				0.010 ^	NT
Thiodicarb (I)						
Infant Formula, Soy-based	527				0.010 ^	0.2
Thionazin (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Tolclofos methyl (F)						
Infant Formula, Soy-based	527				0.010 ^	NT
Tri Allate (H)						
Infant Formula, Soy-based	527				0.003 ^	NT
Triadimefon (F)						
Infant Formula, Dairy-based	528				0.003 ^	NT
Infant Formula, Soy-based	527				0.010 ^	NT
Triadimenol (F)						
Infant Formula, Soy-based	527				0.030 ^	NT

Pesticide (Type) / Commodity	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Triazophos (I)						
Infant Formula, Soy-based	527				0.005 ^	NT
Trifloxystrobin (F)						
Infant Formula, Dairy-based	528				0.001 ^	0.02
Infant Formula, Soy-based	527				0.003 ^	0.08
Triflumizole (F)						
Infant Formula, Soy-based	527				0.005 ^	NT
Trifluralin (H)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.005 ^	0.05
Triticonazole (F)						
Infant Formula, Soy-based	527				0.040 ^	NT
Uniconazole (R)						
Infant Formula, Soy-based	527				0.040 ^	NT
Vinclozolin (F)						
Infant Formula, Dairy-based	528				0.001 ^	NT
Infant Formula, Soy-based	527				0.005 ^	NT
Zoxamide (F)						
Infant Formula, Soy-based	527				0.003 ^	NT

Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2014 and not to the current year. There may be instances where a tolerance was recently set or revoked that would have an effect on whether a residue is violative or not.

NOTES

^ = Only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

NT = No tolerance level was set for that pesticide/commodity pair.

EX = Exempt from the requirement of a tolerance in or on all food commodities.

EX2 = Exempt from the requirement of a tolerance in or on all food commodities when used to control insect larvae.

SU = Safe for use in spot and/or crevice treatments in food handling establishments.

AL = Number shown is an Action Level established by U.S. Food and Drug Administration. Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of action levels has been transferred to EPA. In the interim, action levels are used.

* = Metalaxyl and mefenoxam have separate registrations. Mefenoxam is also known as Metalaxyl-M, which is one of the spatial isomers comprising metalaxyl. The spatial isomers of metalaxyl are analytically indistinguishable via multiresidue methods.

Pesticide Types:

A = Acaricide

F = Fungicide, FM = Fungicide Metabolite

H = Herbicide, HM = Herbicide Metabolite

I = Insecticide, IM = Insecticide Metabolite

L = Plant Activator

P = Plant Growth Regulator

R = Insect Growth Regulator, RM = Insect Growth Regulator Metabolite

S = Herbicide Safener

T = Nematicide

Appendix F

Distribution of Residues by Pesticide in Salmon

Appendix F shows residue detections for all compounds tested in salmon, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and appendices apply to 2014 and not to the current year. There may be instances where tolerances have been recently set, modified or revoked that would have an effect on whether a residue is violative or not.

In 2014, the Pesticide Data Program (PDP) analyzed 354 salmon samples. PDP detected just one pesticide in one salmon sample, the insecticide Lufenuron, at a concentration of 0.028 part per million.

Results for environmental contaminants across all commodities, including salmon, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix G). PDP detected two environmental contaminants, DDT p,p' and Mirex, in the salmon samples.

APPENDIX F. DISTRIBUTION OF RESIDUES BY PESTICIDE IN SALMON

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Acetamiprid	I	354				0.002 ^	0.01
Acetochlor	H	354				0.005 ^	NA
Acrinathrin	I	354				0.010 ^	NA
Atrazine	H	295				0.002 ^	NA
Azinphos methyl	I	354				0.010 ^	NA
Azinphos methyl oxygen analog	IM	354				0.010 ^	NA
Azoxystrobin	F	354				0.002 ^	NA
Bendiocarb	I	354				0.003 ^	SU
Benfluralin	H	354				0.010 ^	NA
Benoxacor	S	354				0.010 ^	NA
Bensulide	H	354				0.004 ^	NA
Bensulide oxygen analog	HM	354				0.002 ^	NA
Bifenthrin	I	354				0.005 ^	0.05
Boscalid	F	354				0.003 ^	NA
Bromacil	H	354				0.003 ^	NA
Carbaryl	I	237				0.003 ^	NA
Carbendazim (MBC)	F	325				0.001 ^	NA
Carbofuran	I	354				0.002 ^	NA
Carfentrazone ethyl	H	354				0.005 ^	0.30
Chlorantraniliprole	I	354				0.010 ^	NA
Chlorfenapyr	I	354				0.015 ^	0.01
Chlorpropham	H	354				0.020 ^	NA
Chlorpyrifos	I	354				0.005 ^	0.1
Chlorpyrifos oxygen analog	IM	354				0.002 ^	0.1
Clomazone	H	354				0.005 ^	NA
Clothianidin	I	354				0.010 ^	0.02
Coumaphos	I	354				0.010 ^	NA
Coumaphos oxygen analog	IM	354				0.010 ^	NA
Cyfluthrin	I	354				0.004 ^	0.05
Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer)	I	354				0.005 ^	0.01
Cymoxanil	F	295				0.005 ^	NA
Cypermethrin	I	354				0.010 ^	0.05
Cyphenothrin	I	354				0.015 ^	NA
DCPA	H	354				0.002 ^	NA
DEF (Tribufos)	H	354				0.002 ^	NA
Deltamethrin (includes parent Tralomethrin)	I	354				0.015 ^	0.05
Diazinon	I	354				0.005 ^	NA
Dichlobenil	H	354				0.010 ^	NA
Dichlorvos (DDVP)	I	295				0.020 ^	0.5
Diclofop methyl	H	354				0.001 ^	NA

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Dicloran	F	354				0.016 ^	NA
Dicofol p,p'	I	354				0.010 ^	NA
Diflubenzuron	I	354				0.002 ^	NA
Dimethenamid	H	354				0.002 ^	NA
Diphenylamine (DPA)	F	354				0.002 ^	NA
Disulfoton oxygen analog	IM	354				0.001 ^	NA
Disulfoton sulfone	IM	354				0.020 ^	NA
Disulfoton sulfoxide	IM	354				0.005 ^	NA
Diuron	H	266				0.002 ^	2.0 [1]
Endosulfan I	IM	354				0.010 ^	NA
Endosulfan II	IM	354				0.015 ^	NA
Endosulfan sulfate	IM	354				0.005 ^	NA
Esfenvalerate+Fenvalerate Total	I	324				0.005 ^	0.05
Ethalfluralin	H	354				0.005 ^	NA
Ethion	I	354				0.001 ^	NA
Ethion mono oxon	IM	354				0.001 ^	NA
Ethoprop	I	30				0.002 ^	NA
Famoxadone	F	354				0.025 ^	NA
Fenamidone	F	325				0.005 ^	NA
Fenbuconazole	F	354				0.005 ^	NA
Fenhexamid	F	354				0.013 ^	NA
Fenpropathrin	I	354				0.020 ^	NA
Fenpyroximate	A	354				0.005 ^	NA
Fipronil sulfone (MB46136)	IM	354				0.050 ^	NA
Flonicamid	I	324				0.006 ^	NA
Flubendiamide	I	354				0.035 ^	NA
Fludioxonil	F	354				0.025 ^	NA
Flufenoxuron	I	354				0.001 ^	NA
Flumioxazin	H	354				0.010 ^	1.5 [2]
Fluopicolide	F	354				0.015 ^	NA
Fluquinconazole	F	354				0.010 ^	NA
Fluridone	H	295				0.001 ^	0.5
Flusilazole	F	325				0.010 ^	NA
Flutolanil	F	354				0.002 ^	NA
Flutriafol	F	265				0.010 ^	NA
Fluvalinate	I	354				0.050 ^	NA
Hexythiazox	I	354				0.002 ^	NA
3-Hydroxycarbofuran	IM	354				0.003 ^	NA
Imidacloprid	I	354				0.003 ^	0.05
Imiprothrin	I	354				0.010 ^	NA
Indaziflam	H	265				0.001 ^	NA

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Indoxacarb	I	354				0.020 ^	NA
Iprodione	F	354				0.040 ^	NA
Kresoxim-methyl	F	354				0.010 ^	NA
Lindane (BHC gamma)	I	354				0.013 ^	NA
Linuron	H	354				0.003 ^	NA
Lufenuron	I	354	1	0.3	0.028 ^	0.020 ^	NA
Malathion	I	354				0.002 ^	NA
Malathion oxygen analog	IM	354				0.002 ^	NA
Mandipropamid	F	354				0.002 ^	NA
Metalaxyl/Mefenoxam *	F	354				0.001 ^	NA
Methidathion	I	354				0.010 ^	NA
Methiocarb sulfone	IM	354				0.001 ^	NA
Methiocarb sulfoxide	IM	354				0.001 ^	NA
Methomyl	I	177				0.030 ^	NA
Methoxyfenozide	I	354				0.003 ^	NA
Metolachlor	H	354				0.001 ^	NA
Metribuzin	H	354				0.005 ^	NA
Mevinphos Total	I	354				0.002 ^	NA
MGK-264	I	354				0.10 ^	5
Myclobutanil	F	354				0.003 ^	NA
Napropamide	H	295				0.005 ^	NA
Norflurazon	H	354				0.002 ^	NA
Norflurazon desmethyl	HM	354				0.005 ^	NA
Oryzalin	H	354				0.020 ^	NA
Oxadiazon	H	354				0.010 ^	NA
Oxydemeton methyl sulfone	IM	354				0.002 ^	NA
Oxyfluorfen	H	354				0.050 ^	NA
Paclobutrazol	P	354				0.010 ^	NA
Parathion ethyl	I	354				0.005 ^	NA
Parathion methyl	I	354				0.010 ^	NA
Parathion methyl oxygen analog	IM	354				0.020 ^	NA
Pendimethalin	H	354				0.050 ^	NA
Pentachloroaniline (PCA)	FM	354				0.004 ^	NA
Pentachlorobenzene (PCB)	FM	354				0.005 ^	NA
Pentachlorophenyl methyl sulfide	FM	354				0.005 ^	NA
Permethrin cis	IM	354				0.010 ^	NA
Permethrin trans	IM	354				0.010 ^	NA
Phenothrin	I	354				0.050 ^	0.01
o-Phenylphenol	F	354				0.005 ^	NA
Phorate	I	354				0.010 ^	NA
Phorate oxygen analog	IM	354				0.010 ^	NA

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Phorate sulfone	IM	354				0.010 ^	NA
Phorate sulfoxide	IM	354				0.010 ^	NA
Phosalone	I	354				0.001 ^	NA
Phosmet	I	354				0.010 ^	NA
Piperonyl butoxide	I	354				0.005 ^	NA
Pirimiphos methyl	I	325				0.001 ^	NA
Pronamide	H	354				0.002 ^	NA
Propargite	I	354				0.050 ^	NA
Propetamphos	I	354				0.010 ^	0.1
Propiconazole	F	325				0.010 ^	NA
Pyraclostrobin	F	354				0.003 ^	NA
Pyraflufen ethyl	H	354				0.010 ^	NA
Pyridaben	I	354				0.005 ^	NA
Pyrimethanil	F	354				0.050 ^	NA
Pyriproxyfen	I	354				0.001 ^	0.10
Quinoxyfen	F	354				0.020 ^	NA
Quintozene (PCNB)	F	354				0.004 ^	NA
Resmethrin cis	IM	354				0.050 ^	3.0
Resmethrin trans	IM	354				0.050 ^	3.0
Saflufenacil	H	354				0.010 ^	NA
Sethoxydim	H	325				0.003 ^	NA
Simazine	H	354				0.005 ^	NA
Spirodiclofen	A	354				0.010 ^	NA
Spiromesifen	I	325				0.010 ^	NA
Tebufenozide	I	354				0.002 ^	NA
Tebufenpyrad	I	354				0.010 ^	NA
Tefluthrin	I	354				0.002 ^	NA
Terbacil	H	354				0.010 ^	NA
Terbutryn	H	354				0.025 ^	NA
Tetraconazole	F	354				0.010 ^	NA
Tetradifon	I	354				0.010 ^	NA
Tetrahydrophthalimide (THPI)	FM	354				0.010 ^	NA
Tetramethrin	I	354				0.005 ^	NA
Thiacloprid	I	354				0.001 ^	NA
Thiamethoxam	I	354				0.003 ^	0.02
Thiazopyr	H	354				0.008 ^	NA
Thiobencarb	H	354				0.010 ^	NA
Triazophos	I	354				0.001 ^	NA
Trichlorfon	I	354				0.010 ^	NA
Trifloxystrobin	F	354				0.002 ^	NA
Trifloxysulfuron	H	354				0.020 ^	NA

Pesticide	Pest. Type	Number of Samples	Samples with Detections	% of Samples with Detects	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Trifluralin	H	354				0.001 ^	NA
Triforine	F	354				0.010 ^	NA
Vinclozolin	F	354				0.010 ^	NA

Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2014 and not to the current year. There may be instances where a tolerance was recently set or revoked that would have an effect on whether a residue is violative or not.

NOTES

^ = Only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

NA = Findings in salmon are covered by tolerances established for fish, by tolerances set for pesticide uses in food handling establishments, and by action levels set for persistent chemicals commonly found in the environment. In addition, there are other findings that may arise from a number of attributable sources including runoff from agricultural uses to water sources or ponds. For the latter group, where no specific tolerance has been established, “NA” has been entered as the tolerance value.

SU = Safe for use in spot and/or crevice treatments in food handling establishments.

1 = Specific tolerance for Diuron in freshwater, farm-raised finfish.

2 = Specific tolerance for Flumioxazin in freshwater fish.

* = Metalaxyl and mefenoxam have separate registrations. Mefenoxam is also known as Metalaxyl-M, which is one of the spatial isomers comprising metalaxyl. The spatial isomers of metalaxyl are analytically indistinguishable via multiresidue methods.

Pesticide Types:

A = Acaricide
F = Fungicide, FM = Fungicide Metabolite
H = Herbicide, HM = Herbicide Metabolite
I = Insecticide, IM = Insecticide Metabolite
P = Plant Growth Regulator
S = Herbicide Safener

Appendix G

Distribution of Residues for Environmental Contaminants

Appendix G shows residue detections across all commodities for 22 compounds identified as environmental contaminants, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerances or Action Levels for each pair. Results for environmental contaminants have been consolidated in this appendix because they have no registered uses and are not applied to crops.

The EPA tolerances cited in this summary and appendices apply to 2014 and not to the current year. There may be instances where tolerances have been recently set, modified or revoked that would have an effect on whether a residue is violative or not.

Action Levels (ALs) are shown in this appendix, where applicable, and denote AL values established by the U.S. Food and Drug Administration (FDA). Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of ALs has been transferred to EPA. In the interim, ALs are used.

The Pesticide Data Program reports tolerance violations to the U.S. Food and Drug Administration (FDA) as part of an interagency Memorandum of Understanding between the U.S. Department of Agriculture and FDA. Residues reported to FDA are shown in the "Pesticide/Commodity" column to the right of the commodity and are annotated as "X" (if the residue exceeded the established tolerance) or "V" (if the residue did not have a tolerance listed in the Code of Federal Regulations, Title 40, Part 180). In both cases, these annotations are followed by a number indicating the number of samples reported to FDA.

APPENDIX G. DISTRIBUTION OF RESIDUES FOR ENVIRONMENTAL CONTAMINANTS

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Aldrin (insecticide) (parent of Dieldrin)						
Apples	177	0			0.003 ^	0.03 AL
Bananas	179	0			0.040 ^	0.02 AL
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.041	0.05 AL
Blueberries, Frozen	19	0			0.005 - 0.041	0.05 AL
Broccoli	712	0			0.005 ^	0.03 AL
Carrots	708	0			0.002 ^	0.1 AL
Celery	708	0			0.001 - 0.005	0.03 AL
Cherries, Fresh	228	0			0.041 ^	0.3 AL
Cherries, Frozen	282	0			0.041 ^	0.3 AL
Fish, Salmon	354	0			0.003 ^	0.3 AL
Grape Juice	531	0			0.003 ^	0.05 AL
Green Beans, Fresh	757	0			0.010 ^	0.05 AL
Green Beans, Canned	378	0			0.001 ^	0.05 AL
Green Beans, Frozen	378	0			0.001 ^	0.05 AL
Infant Formula, Dairy-based	59	0			0.001 ^	NT
Infant Formula, Soy-based	527	0			0.005 ^	0.05 AL
Nectarines	681	0			0.002 ^	0.02 AL
Oats	314	0			0.15 ^	0.02 AL
Peaches	707	0			0.005 ^	0.02 AL
Rice	314	0			0.15 ^	0.02 AL
Strawberries	176	0			0.005 ^	0.05 AL
Summer Squash	531	0			0.005 - 0.020	0.1 AL
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.02 AL
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.02 AL
Tomatoes	177	0			0.001 ^	0.05 AL
Watermelon	390	0			0.003 ^	0.1 AL
TOTAL	**10,150**	**0**				
BHC alpha (insecticide) (isomer of BHC)						
Apples	177	0			0.012 ^	0.05 AL
Bananas	179	0			0.007 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.007	0.05 AL
Blueberries, Frozen	19	0			0.003 - 0.007	0.05 AL
Broccoli	712	0			0.005 ^	NT
Carrots	708	0			0.001 ^	0.3 AL
Celery	708	0			0.001 - 0.003	0.05 AL
Cherries, Fresh	228	0			0.007 ^	0.05 AL
Cherries, Frozen	282	0			0.007 ^	0.05 AL
Fish, Salmon	354	0			0.012 ^	NA
Grape Juice	531	0			0.012 ^	0.05 AL
Green Beans, Fresh	757	0			0.020 - 0.20	0.05 AL
Green Beans, Canned	378	0			0.001 ^	0.05 AL
Green Beans, Frozen	378	0			0.001 ^	0.05 AL
Infant Formula, Dairy-based	528	0			0.001 ^	NT
Infant Formula, Soy-based	527	0			0.003 ^	0.05 AL
Nectarines	681	0			0.001 ^	0.05 AL
Oats	314	0			0.15 ^	0.05 AL
Peaches	707	0			0.005 ^	0.05 AL
Rice	314	0			0.15 ^	0.05 AL
Strawberries	176	0			0.003 ^	0.05 AL
Summer Squash	531	0			0.003 - 0.20	0.05 AL
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.05 AL
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.05 AL
Tomatoes	177	0			0.001 ^	0.05 AL
Watermelon	390	0			0.012 ^	0.05 AL
TOTAL	**10,619**	**0**				

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
BHC beta (isomer of BHC)						
Apples	177	0			0.014 ^	0.05 AL
Blueberries, Cultivated, Fresh	354	0			0.003 ^	0.05 AL
Blueberries, Frozen	5	0			0.003 ^	0.05 AL
Carrots	708	4	0.6	0.002 ^	0.001 ^	0.3 AL
Celery	348	0			0.003 ^	0.05 AL
Fish, Salmon	354	0			0.014 ^	NA
Grape Juice	531	0			0.014 ^	0.05 AL
Green Beans, Fresh	757	0			0.020 - 0.20	0.05 AL
Infant Formula, Soy-based	527	0			0.003 ^	0.05 AL
Nectarines	681	0			0.001 ^	0.05 AL
Oats	314	0			0.30 ^	0.05 AL
Peaches	707	0			0.005 ^	0.05 AL
Rice	314	0			0.30 ^	0.05 AL
Strawberries	176	0			0.003 ^	0.05 AL
Summer Squash	531	0			0.003 - 0.20	0.05 AL
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.05 AL
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.05 AL
Watermelon	390	0			0.014 ^	0.05 AL
TOTAL	**7,049**	**4**				
BHC delta (isomer of BHC)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	0.05 AL
Blueberries, Frozen	5	0			0.005 ^	0.05 AL
Celery	348	0			0.005 ^	0.05 AL
Infant Formula, Soy-based	527	0			0.005 ^	0.05 AL
Strawberries	176	0			0.005 ^	0.05 AL
Summer Squash	270	0			0.005 ^	0.05 AL
Sweet Corn, Fresh	78	0			0.005 ^	0.05 AL
Sweet Corn, Frozen	12	0			0.005 ^	0.05 AL
TOTAL	**1,770**	**0**				
BHC epsilon (isomer of BHC)						
Blueberries, Cultivated, Fresh	354	0			0.005 ^	0.05 AL
Blueberries, Frozen	5	0			0.005 ^	0.05 AL
Celery	348	0			0.005 ^	0.05 AL
Infant Formula, Soy-based	527	0			0.005 ^	0.05 AL
Strawberries	176	0			0.005 ^	0.05 AL
Summer Squash	270	0			0.005 ^	0.05 AL
Sweet Corn, Fresh	78	0			0.005 ^	0.05 AL
Sweet Corn, Frozen	12	0			0.005 ^	0.05 AL
TOTAL	**1,770**	**0**				
Chlordane Total (insecticide)						
Carrots	708	5	0.7	0.017 ^	0.010 ^	0.1 AL
Nectarines	681	0			0.010 ^	0.1 AL
TOTAL	**1,389**	**5**				
Chlordane cis (isomer of Chlordane)						
Apples	177	0			0.010 ^	0.1 AL
Bananas	179	0			0.005 ^	0.1 AL
Blueberries, Cultivated, Fresh	688	0			0.005 ^	0.1 AL
Blueberries, Frozen	19	0			0.005 ^	0.1 AL
Broccoli	712	0			0.005 ^	0.1 AL
Celery	708	0			0.001 - 0.005	0.1 AL
Cherries, Fresh	228	0			0.005 ^	0.1 AL
Cherries, Frozen	282	0			0.005 ^	0.1 AL
Fish, Salmon	354	0			0.010 ^	0.3 AL
Grape Juice	531	0			0.010 ^	0.1 AL
Green Beans, Fresh	757	0			0.025 ^	0.1 AL
Green Beans, Canned	378	0			0.001 ^	0.1 AL
Green Beans, Frozen	378	0			0.001 ^	0.1 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Infant Formula, Dairy-based	528	0			0.001 ^	NT
Infant Formula, Soy-based	527	0			0.005 ^	0.1 AL
Peaches	707	0			0.005 ^	0.1 AL
Strawberries	176	0			0.005 ^	0.1 AL
Summer Squash	531	8	1.5	0.006 - 0.019	0.005 - 0.050	0.1 AL
Sweet Corn, Fresh	134	0			0.005 - 0.025	0.1 AL
Sweet Corn, Frozen	41	0			0.005 - 0.025	0.1 AL
Tomatoes	177	0			0.001 ^	0.1 AL
Watermelon	390	0			0.010 ^	0.1 AL
TOTAL	**8,602**	**8**				
Chlordane trans (isomer of Chlordane)						
Apples	177	0			0.010 ^	0.1 AL
Bananas	179	0			0.005 ^	0.1 AL
Blueberries, Cultivated, Fresh	688	0			0.005 ^	0.1 AL
Blueberries, Frozen	19	0			0.005 ^	0.1 AL
Broccoli	712	0			0.005 ^	0.1 AL
Celery	708	0			0.001 - 0.005	0.1 AL
Cherries, Fresh	228	0			0.005 ^	0.1 AL
Cherries, Frozen	282	0			0.005 ^	0.1 AL
Fish, Salmon	354	0			0.010 ^	0.3 AL
Grape Juice	531	0			0.010 ^	0.1 AL
Green Beans, Fresh	757	0			0.010 ^	0.1 AL
Green Beans, Canned	378	0			0.001 ^	0.1 AL
Green Beans, Frozen	378	0			0.001 ^	0.1 AL
Infant Formula, Dairy-based	528	0			0.001 ^	NT
Infant Formula, Soy-based	527	0			0.005 ^	0.1 AL
Peaches	707	0			0.005 ^	0.1 AL
Strawberries	176	0			0.005 ^	0.1 AL
Summer Squash	531	4	0.8	0.006 - 0.029	0.005 - 0.025	0.1 AL
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.1 AL
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.1 AL
Tomatoes	177	0			0.001 ^	0.1 AL
Watermelon	390	0			0.010 ^	0.1 AL
TOTAL	**8,602**	**4**				
DDD o,p' (metabolite of DDT)						
Apples	177	0			0.001 ^	0.1 AL
Blueberries, Cultivated, Fresh	354	0			0.003 ^	0.1 AL
Blueberries, Frozen	5	0			0.003 ^	0.1 AL
Celery	708	0			0.001 - 0.003	0.5 AL
Fish, Salmon	354	0			0.001 ^	5 AL
Grape Juice	531	0			0.001 ^	0.05 AL
Green Beans, Canned	378	0			0.001 ^	0.2 AL
Green Beans, Frozen	378	0			0.001 ^	0.2 AL
Infant Formula, Dairy-based	528	0			0.001 ^	NT
Infant Formula, Soy-based	527	0			0.003 ^	0.2 AL
Oats	314	0			0.050 ^	0.5 AL
Rice	314	0			0.050 ^	0.5 AL
Strawberries	176	0			0.003 ^	0.1 AL
Summer Squash	270	1	0.4	0.003 ^	0.003 ^	0.1 AL
Sweet Corn, Fresh	78	0			0.003 ^	0.1 AL
Sweet Corn, Frozen	12	0			0.003 ^	0.1 AL
Tomatoes	177	0			0.001 ^	0.05 AL
Watermelon	390	0			0.001 ^	0.1 AL
TOTAL	**5,671**	**1**				
DDD p,p' (metabolite of DDT)						
Apples	177	0			0.005 ^	0.1 AL
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.005	0.1 AL
Blueberries, Frozen	19	0			0.003 - 0.005	0.1 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Broccoli	712	0			0.005 ^	0.5 AL
Celery	708	0			0.001 - 0.003	0.5 AL
Cherries, Fresh	228	0			0.005 ^	0.2 AL
Cherries, Frozen	282	0			0.005 ^	0.2 AL
Fish, Salmon	354	0			0.005 ^	5 AL
Grape Juice	531	0			0.005 ^	0.05 AL
Green Beans, Fresh	757	0			0.025 ^	0.2 AL
Green Beans, Canned	378	0			0.001 ^	0.2 AL
Green Beans, Frozen	378	0			0.001 ^	0.2 AL
Infant Formula, Dairy-based	528	0			0.001 ^	NT
Infant Formula, Soy-based	527	0			0.003 ^	0.2 AL
Oats	314	0			0.075 ^	0.5 AL
Peaches	707	0			0.005 ^	0.2 AL
Rice	314	0			0.075 ^	0.5 AL
Strawberries	176	0			0.003 ^	0.1 AL
Summer Squash	531	1	0.2	0.003 ^	0.003 - 0.050	0.1 AL
Sweet Corn, Fresh	134	0			0.003 - 0.025	0.1 AL
Sweet Corn, Frozen	41	0			0.003 - 0.025	0.1 AL
Tomatoes	177	0			0.001 ^	0.05 AL
Watermelon	390	0			0.005 ^	0.1 AL
TOTAL	**9,230**	**1**				
DDE o,p' (metabolite of DDT)						
Apples	177	0			0.001 ^	0.1 AL
Blueberries, Cultivated, Fresh	354	0			0.005 ^	0.1 AL
Blueberries, Frozen	5	0			0.005 ^	0.1 AL
Carrots	708	1	0.1	0.003 ^	0.002 ^	3 AL
Celery	348	0			0.005 ^	0.5 AL
Fish, Salmon	354	0			0.001 ^	5 AL
Grape Juice	531	0			0.001 ^	0.05 AL
Infant Formula, Soy-based	527	0			0.005 ^	0.2 AL
Nectarines	681	0			0.002 ^	0.2 AL
Oats	314	0			0.020 ^	0.5 AL
Rice	314	0			0.020 ^	0.5 AL
Strawberries	176	0			0.005 ^	0.1 AL
Summer Squash	270	0			0.005 ^	0.1 AL
Sweet Corn, Fresh	78	0			0.005 ^	0.1 AL
Sweet Corn, Frozen	12	0			0.005 ^	0.1 AL
Watermelon	390	0			0.001 ^	0.1 AL
TOTAL	**5,239**	**1**				
DDE p,p' (metabolite of DDT)						
Apples	177	0			0.010 ^	0.1 AL
Bananas	179	0			0.005 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.005	0.1 AL
Blueberries, Frozen	19	0			0.003 - 0.005	0.1 AL
Broccoli	712	0			0.005 ^	0.5 AL
Carrots	708	175	24.7	0.003 - 0.066	0.002 ^	3 AL
Celery	708	75	10.6	0.002 - 0.006	0.001 - 0.003	0.5 AL
Cherries, Fresh	228	0			0.005 ^	0.2 AL
Cherries, Frozen	282	0			0.005 ^	0.2 AL
Fish, Salmon	354	0			0.010 ^	5 AL
Grape Juice	531	0			0.010 ^	0.05 AL
Green Beans, Fresh	757	1	0.1	0.009 ^	0.005 ^	0.2 AL
Green Beans, Canned	378	0			0.001 ^	0.2 AL
Green Beans, Frozen	378	4	1.1	0.002 ^	0.001 ^	0.2 AL
Infant Formula, Dairy-based	528	0			0.001 ^	NT
Infant Formula, Soy-based	527	0			0.003 ^	0.2 AL
Nectarines	681	0			0.002 ^	0.2 AL
Oats	314	0			0.025 ^	0.5 AL
Peaches	707	0			0.005 ^	0.2 AL
Rice	314	0			0.025 ^	0.5 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Strawberries	176	0			0.003 ^	0.1 AL
Summer Squash	531	16	3	0.003 - 0.011	0.003 - 0.005	0.1 AL
Sweet Corn, Fresh	134	0			0.003 - 0.010	0.1 AL
Sweet Corn, Frozen	41	0			0.003 - 0.010	0.1 AL
Tomatoes	157	0			0.001 ^	0.05 AL
Watermelon	390	0			0.010 ^	0.1 AL
TOTAL	**10,599**	**271**				
DDT o,p' (insecticide)						
Blueberries, Cultivated, Fresh	325	0			0.003 ^	0.1 AL
Blueberries, Frozen	4	0			0.003 ^	0.1 AL
Carrots	708	30	4.2	0.002 - 0.004	0.001 ^	3 AL
Celery	650	0			0.001 - 0.003	0.5 AL
Green Beans, Canned	378	0			0.001 ^	0.2 AL
Green Beans, Frozen	378	0			0.001 ^	0.2 AL
Infant Formula, Dairy-based	528	0			0.001 ^	NT
Infant Formula, Soy-based	527	0			0.003 ^	0.2 AL
Nectarines	681	0			0.001 ^	0.2 AL
Oats	314	0			0.075 ^	0.5 AL
Rice	314	0			0.050 ^	0.5 AL
Strawberries	176	0			0.003 ^	0.1 AL
Summer Squash	240	5	2.1	0.003 - 0.012	0.003 - 0.010	0.1 AL
Sweet Corn, Fresh	78	0			0.003 ^	0.1 AL
Sweet Corn, Frozen	12	0			0.003 ^	0.1 AL
Tomatoes	177	0			0.001 ^	0.05 AL
TOTAL	**5,490**	**35**				
DDT p,p' (insecticide)						
Apples	177	0			0.001 ^	0.1 AL
Bananas	179	0			0.076 ^	NT
Blueberries, Cultivated, Fresh	659	0			0.003 - 0.075	0.1 AL
Blueberries, Frozen	18	0			0.003 - 0.075	0.1 AL
Broccoli	712	0			0.005 ^	0.5 AL
Carrots	708	67	9.5	0.002 - 0.007	0.001 ^	3 AL
Celery	679	2	0.3	0.002 ^	0.001 - 0.003	0.5 AL
Cherries, Fresh	228	0			0.075 ^	0.2 AL
Cherries, Frozen	282	0			0.075 ^	0.2 AL
Fish, Salmon	354	7	2	0.001 - 0.003	0.001 ^	5 AL
Grape Juice	531	0			0.001 ^	0.05 AL
Green Beans, Canned	378	0			0.001 ^	0.2 AL
Green Beans, Frozen	378	0			0.001 ^	0.2 AL
Infant Formula, Dairy-based	528	0			0.001 ^	NT
Infant Formula, Soy-based	527	0			0.003 ^	0.2 AL
Nectarines	681	0			0.001 ^	0.2 AL
Oats	314	0			0.050 ^	0.5 AL
Peaches	707	0			0.005 ^	0.2 AL
Rice	314	0			0.075 ^	0.5 AL
Strawberries	176	0			0.003 ^	0.1 AL
Summer Squash	270	13	4.8	0.003 - 0.011	0.003 - 0.010	0.1 AL
Sweet Corn, Fresh	78	0			0.003 ^	0.1 AL
Sweet Corn, Frozen	12	0			0.003 ^	0.1 AL
Tomatoes	177	0			0.001 ^	0.05 AL
Watermelon	390	0			0.001 ^	0.1 AL
TOTAL	**9,457**	**89**				
Dieldrin (insecticide) (also a metabolite of Aldrin)						
Apples	177	0			0.010 ^	0.03 AL
Bananas	179	0			0.020 ^	0.02 AL
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.040	0.05 AL
Blueberries, Frozen	19	0			0.010 - 0.040	0.05 AL
Broccoli	712	0			0.005 ^	0.03 AL
Carrots	708	22	3.1	0.007 - 0.017	0.004 ^	0.1 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Celery	708	0			0.002 - 0.010	0.03 AL
Cherries, Fresh	228	0			0.040 ^	0.3 AL
Cherries, Frozen	282	0			0.040 ^	0.3 AL
Fish, Salmon	354	0			0.010 ^	0.3 AL
Grape Juice	531	0			0.010 ^	0.05 AL
Green Beans, Fresh	725	0			0.025 ^	0.05 AL
Green Beans, Canned	378	0			0.002 ^	0.05 AL
Green Beans, Frozen	378	0			0.002 ^	0.05 AL
Infant Formula, Dairy-based	528	0			0.002 ^	NT
Infant Formula, Soy-based	527	0			0.010 ^	0.05 AL
Nectarines	681	0			0.004 ^	0.02 AL
Oats	314	0			0.10 ^	0.02 AL
Peaches	707	0			0.005 ^	0.02 AL
Rice	314	0			0.10 ^	0.02 AL
Strawberries	176	0			0.010 ^	0.05 AL
Summer Squash	531	16	3	0.010 - 0.076	0.010 - 0.050	0.1 AL
Sweet Corn, Fresh	134	0			0.010 - 0.025	0.02 AL
Sweet Corn, Frozen	41	0			0.010 - 0.025	0.02 AL
Tomatoes	177	0			0.002 ^	0.05 AL
Watermelon	390	0			0.010 ^	0.1 AL
TOTAL	**10,587**	**38**				
Endrin (insecticide)						
Apples	177	0			0.010 ^	0.03 AL
Bananas	179	0			0.031 ^	0.02 AL
Blueberries, Cultivated, Fresh	688	0			0.010 - 0.031	0.05 AL
Blueberries, Frozen	19	0			0.010 - 0.031	0.05 AL
Broccoli	712	0			0.005 ^	0.03 AL
Celery	708	0			0.008 - 0.010	0.03 AL
Cherries, Fresh	228	0			0.031 ^	0.03 AL
Cherries, Frozen	282	0			0.031 ^	0.03 AL
Fish, Salmon	354	0			0.010 ^	0.3 AL
Grape Juice	531	0			0.010 ^	0.05 AL
Green Beans, Fresh	757	0			0.003 - 0.030	0.05 AL
Green Beans, Canned	378	0			0.008 ^	0.05 AL
Green Beans, Frozen	378	0			0.008 ^	0.05 AL
Infant Formula, Dairy-based	528	0			0.008 ^	NT
Infant Formula, Soy-based	527	0			0.010 ^	0.05 AL
Oats	314	0			0.15 ^	0.02 AL
Peaches	707	0			0.005 ^	0.02 AL
Rice	314	0			0.15 ^	0.02 AL
Strawberries	176	0			0.010 ^	0.05 AL
Summer Squash	531	0			0.010 - 0.062	0.1 AL
Sweet Corn, Fresh	134	0			0.010 - 0.030	0.02 AL
Sweet Corn, Frozen	41	0			0.010 - 0.030	0.02 AL
Tomatoes	177	0			0.005 ^	0.05 AL
Watermelon	390	0			0.010 ^	0.1 AL
TOTAL	**9,230**	**0**				
Heptachlor (insecticide)						
Apples	177	0			0.002 ^	0.01 AL
Bananas	179	0			0.049 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.003 - 0.10	0.05 AL
Blueberries, Frozen	19	0			0.003 - 0.10	0.05 AL
Broccoli	712	0			0.005 ^	0.01 AL
Carrots	708	0			0.001 ^	0.01 AL
Celery	708	0			0.001 - 0.003	0.05 AL
Cherries, Fresh	228	0			0.10 ^	0.05 AL
Cherries, Frozen	282	0			0.10 ^	0.05 AL
Fish, Salmon	354	0			0.002 ^	0.3 AL
Grape Juice	531	0			0.002 ^	0.05 AL
Green Beans, Fresh	757	0			0.005 ^	0.01 AL

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Green Beans, Canned	378	0			0.001 ^	0.01 AL
Green Beans, Frozen	378	0			0.001 ^	0.01 AL
Infant Formula, Dairy-based	528	0			0.001 ^	NT
Infant Formula, Soy-based	527	0			0.003 ^	0.05 AL
Nectarines	681	0			0.001 ^	0.05 AL
Oats	314	0			0.10 ^	0.01 AL
Peaches	707	0			0.005 ^	0.05 AL
Rice	314	0			0.10 ^	0.03 AL
Strawberries	176	0			0.003 ^	0.05 AL
Summer Squash	531	0			0.003 - 0.015	0.05 AL
Sweet Corn, Fresh	134	0			0.003 - 0.005	0.01 AL
Sweet Corn, Frozen	41	0			0.003 - 0.005	0.01 AL
Tomatoes	177	0			0.001 ^	0.01 AL
Watermelon	390	0			0.002 ^	0.05 AL
TOTAL	**10,619**	**0**				
Heptachlor epoxide (metabolite of Heptachlor)						
Apples	177	0			0.005 ^	0.01 AL
Bananas	179	0			0.041 ^	NT
Blueberries, Cultivated, Fresh	688	0			0.005 - 0.040	0.05 AL
Blueberries, Frozen	19	0			0.005 - 0.040	0.05 AL
Broccoli	712	0			0.005 ^	0.01 AL
Celery	708	0			0.004 - 0.005	0.05 AL
Cherries, Fresh	228	0			0.040 ^	0.05 AL
Cherries, Frozen	282	0			0.040 ^	0.05 AL
Fish, Salmon	354	0			0.005 ^	0.3 AL
Grape Juice	531	0			0.005 ^	0.05 AL
Green Beans, Fresh	757	0			0.010 ^	0.01 AL
Green Beans, Canned	378	0			0.004 ^	0.01 AL
Green Beans, Frozen	378	0			0.004 ^	0.01 AL
Infant Formula, Dairy-based	528	0			0.004 ^	NT
Infant Formula, Soy-based	527	0			0.005 ^	0.05 AL
Oats	314	0			0.25 ^	0.01 AL
Peaches	707	0			0.005 ^	0.05 AL
Rice	314	0			0.25 ^	0.03 AL
Strawberries	176	0			0.005 ^	0.05 AL
Summer Squash (X-1)	531	7	1.3	0.007 - 0.079	0.005 - 0.010	0.05 AL
Sweet Corn, Fresh	134	0			0.005 - 0.010	0.01 AL
Sweet Corn, Frozen	41	0			0.005 - 0.010	0.01 AL
Tomatoes	177	0			0.002 ^	0.01 AL
Watermelon	390	0			0.005 ^	0.05 AL
TOTAL	**9,230**	**7**				
Heptachlor epoxide cis (metabolite of Heptachlor)						
Carrots	708	1	0.1	0.007 ^	0.004 ^	0.01 AL
Nectarines	681	0			0.004 ^	0.05 AL
TOTAL	**1,389**	**1**				
Hexachlorobenzene - HCB (metabolite and impurity of Quintozene)						
Blueberries, Cultivated, Fresh	354	0			0.003 ^	NT
Blueberries, Frozen	5	0			0.003 ^	NT
Broccoli	712	0			0.005 ^	0.1
Carrots	708	0			0.002 ^	NT
Celery	708	0			0.001 - 0.003	NT
Green Beans, Fresh	286	0			0.050 ^	0.1
Infant Formula, Dairy-based	59	0			0.001 ^	NT
Infant Formula, Soy-based	527	0			0.003 ^	0.1
Peaches	707	0			0.005 ^	NT
Strawberries	176	0			0.003 ^	NT
Summer Squash	531	0			0.003 - 0.10	NT

Pesticide / Commodity	Number of Samples	Samples with Detections	% of Samples with Detections	Range of Values Detected, ppm	Range of LODs, ppm	EPA Tolerance Level, ppm
Sweet Corn, Fresh	134	0			0.003 - 0.050	NT
Sweet Corn, Frozen	41	0			0.003 - 0.050	NT
TOTAL	**4,948**	**0**				
Mirex (insecticide)						
Apples	177	0			0.001 ^	NT
Fish, Salmon	354	1	0.3	0.002 ^	0.001 ^	0.1 AL
Grape Juice	531	0			0.001 ^	NT
Watermelon	390	0			0.001 ^	NT
TOTAL	**1,452**	**1**				
Oxychlordane (metabolite of Chlordane)						
Strawberries	176	0			0.005 ^	0.1 AL
Sweet Corn, Fresh	78	0			0.005 ^	0.1 AL
Sweet Corn, Frozen	12	0			0.005 ^	0.1 AL
TOTAL	**266**	**0**				

NOTES

^ Only one distinct detected concentration or LOD value was reported for the pesticide/commodity pair.

AL = Numbers shown are Action Levels established by FDA for some pesticides. Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of action levels has been transferred to EPA. In the interim, action levels are used.

NA = Findings in salmon are covered by tolerances established for fish, by tolerances set for pesticide uses in food handling establishments, and by action levels set for persistent chemicals commonly found in the environment. In addition, there are other findings that may arise from a number of attributable sources including runoff from agricultural uses to water sources or ponds. For the latter group, where no specific tolerance has been established, “NA” has been entered as the tolerance value.

NT = No tolerance level was set for that pesticide/commodity pair.

(X) = Residue was found which exceeds EPA tolerance or FDA action level. Following "X" are the number of occurrences. Refer to page 1 in Appendix L to see the sample origin (domestic, imported, or unknown) for each occurrence.

Appendix H

Sample Origin by State or Country
(Determined by Grower, Packer, or Distributor)

Appendix H gives the number of fruit and vegetable, oats, rice, infant formula, and salmon samples per State or country of origin and the number of samples of unknown origin. Where available, the origin of fresh commodities is taken from the grower or packer information. For processed commodities, origin is determined primarily by packer or distributor.

As shown in Appendix H, fruit and vegetable, oats, rice, infant formula, and salmon samples originated from 39 States, 1 U.S. territory, and 31 foreign countries. There were 74 samples from mixed national origins (multiple countries). There were 302 domestic samples from unknown States. There were an additional 95 samples from unknown origins. Overall, 75.5 percent of samples were from U.S. sources, 22.9 percent were imports, 0.7 percent were of mixed national origin, and 0.9 percent were of unknown origin.

APPENDIX H. SAMPLE ORIGIN BY STATE OR COUNTRY
(Determined by Grower, Packer, or Distributor)

Part 1. Domestic Samples

	Fresh F&V															Processed F&V						Grain		Formula		Fish	# of	% of
	AP	BB	BN	BR	CB	CE	CH	CR	GB	NE	PC	SS	ST	TO	WM	BZ	CS	CZ	GC	GJ	GZ	OA	RI	DF	YF	FS	Samples	Total
Alabama														1													1	<0.1
Alaska																										7	7	0.1
Arizona	2			1	1	1		35				10		1	6		1		2		5						65	0.6
Arkansas									9	1					3	2	1		24	18	13	17	20	16	15	2	141	1.3
California	4	143		510	28	547	51	406	145	428	357	75	126	17	88	1	1	54	134	47	64	19	43	9	16	27	3340	31.5
Colorado					1			6	6		4	2			1								2				22	0.2
Connecticut											1																1	<0.1
Delaware															4												4	<0.1
Florida		36		31	32	67			155		14	51	20	35	20	1		2	6	9	17	10	9	2	2	9	528	5.0
Georgia		4		1	14			17	32		14	31		2	15				1		1						132	1.2
Idaho	1						2			1	2						1	1	4	2	9					1	24	0.2
Illinois	4			16	2	1		4	12			2		2	1		5		22	15	14	120	5	7	10	8	250	2.4
Indiana								2	1			1			3				1		1			191	182	2	384	3.6
Iowa															1												1	<0.1
Kansas																				3		4	3				10	0.1
Kentucky															3				1		1						5	<0.1
Maine				8																1				1			10	0.1
Maryland		1		10	2	6	1	4	10	2	3	11		1	12			3	6	6	2	1				5	86	0.8
Massachusetts														1						243							244	2.3
Michigan	13	41		1	1	17	1	36	6	1	6	13		1	6	1	4	13	16	44	16	11	8	15	11		282	2.7
Minnesota									1						3	1	3	1	32	14	16	20	10	4	6	3	114	1.1
Missouri																1	1			3	3	4	4				16	0.2
Nevada				5																							5	<0.1
New Hampshire																				1		1	1				3	<0.1
New Jersey		24		2					9	5	17	10		1	1		8		7	6	44	1	19	45	78		277	2.6
New York	18	1		12	2				6		3	9			4		3	4	41	13	26	8	3	17	10	1	181	1.7
North Carolina		12							17			8		1	5				13	1	16	7	11	3	1		95	0.9
Ohio	3	1		1	2	2		18	24			19		1	7	1	4	19	17	18	22	14	12	194	163	3	545	5.1
Oregon	1	30					5		2					2	1		2	1	8	1	2	32	3				90	0.8
Pennsylvania	7				1			4	5	3	4				1			4	19		19	2	5			2	76	0.7
Puerto Rico																							1				1	<0.1
Rhode Island																					1						1	<0.1
South Carolina											39				5												44	0.4
Tennessee									3					2			3				20						28	0.3
Texas	1	6		16	12	21	1	13	33	2	5	26	1	5	29	1	2	2	15	11	21	8	69	3	3	3	309	2.9
Vermont																								4	10		14	0.1
Virginia	1				1				10	3		3															18	0.2
Washington	119	4		5		6	113	3	4	29	23	10		1	3			1	2	3	1					26	353	3.3
West Virginia											2																2	<0.1
Wisconsin																			2		1	2			2		7	0.1
Unknown State	2	1		9	18	8	3	8	84	7	21	38		5	60			2	2	4	3	3	3	9	10	2	302	2.8
No. of Domestic	176	304	0	628	117	676	177	556	574	482	515	319	147	79	282	9	39	107	375	463	338	284	231	520	519	101	8,018	
% of Total	99	44	0	88	87	95	78	79	76	71	73	60	84	45	72	47	95	38	99	87	89	90	74	98	98	29		75.5

Part 2. Imported Samples

	Fresh F&V															Processed F&V						Grain		Formula		Fish	# of	% of
	AP	BB	BN	BR	CB	CE	CH	CR	GB	NE	PC	SS	ST	TO	WM	BZ	CS	CZ	GC	GJ	GZ	OA	RI	DF	YF	FS	Samples	Total
Argentina		66					1													14							81	0.8
Belgium																					3						3	<0.1
Canada		42		3	2	5	10	81	1			2		13		8	2		1		25	13				10	218	2.1
Chile		187					39			197	185					2		71								72	753	7.1
China																					1					128	129	1.2
Colombia			15																								15	0.1
Costa Rica			40					1																			41	0.4
Denmark																										4	4	<0.1
Dominican Republic												2															2	<0.1
Ecuador			45																			1					46	0.4
Egypt																					3						3	<0.1
France																					4						4	<0.1
Greece																		65									65	0.6
Guatemala			45						14						9												68	0.6
Honduras			26																								26	0.2
India																							14				14	0.1
Ireland																						8					8	0.1
Israel								16																			16	0.2
Mexico		75	3	74	13	22		46	155		2	195	29	83	92				1								790	7.4
New Zealand	1																									2	3	<0.1
Nicaragua			2																								2	<0.1
Norway																										12	12	0.1
Pakistan																							9				9	0.1
Peru		9																									9	0.1
Russia																										2	2	<0.1
Thailand																							56				56	0.5
Turkey																		36									36	0.3
United Kingdom																						1				4	5	<0.1
Uruguay		5																									5	<0.1
Vietnam																							2				2	<0.1
Unknown Country			3									1								1							5	<0.1
No. of Imports	1	384	179	77	15	27	50	144	170	197	187	200	29	96	101	10	2	172	2	15	36	23	81	0	0	234	2,432	
% of Total	1	56	100	11	11	4	22	20	22	29	26	38	16	54	26	53	5	61	1	3	10	7	26	0	0	66		22.9

Part 3. Mixed National Origin Samples

	Fresh F&V															Processed F&V						Grain		Formula		Fish	# of	% of
	AP	BB	BN	BR	CB	CE	CH	CR	GB	NE	PC	SS	ST	TO	WM	BZ	CS	CZ	GC	GJ	GZ	OA	RI	DF	YF	FS	Samples	Total
Argentina / Brazil																				1							1	<0.1
Argentina / Chile / USA																				1							1	<0.1
Argentina / China / Thailand / Uruguay / Vietnam / USA																							1				1	<0.1
Argentina / Mexico / USA																				4							4	<0.1
Argentina / USA																				40							40	0.4
Canada / USA																					3	1					4	<0.1
Chile / Turkey / USA																		1									1	<0.1
China / Russia																										3	3	<0.1
China / USA																										16	16	0.2
Greece / USA																		1									1	<0.1
Mexico / USA																				1							1	<0.1
Turkey / USA																		1									1	<0.1
No. of Mixed National Origin Samples																		3		47	3	1	1			19	74	
% of Total																		1		9	1	< 1	<1			5		0.7

Part 4. Unknown Origin Samples

	Fresh F&V															Processed F&V						Grain		Formula		Fish	# of	% of
	AP	BB	BN	BR	CB	CE	CH	CR	GB	NE	PC	SS	ST	TO	WM	BZ	CS	CZ	GC	GJ	GZ	OA	RI	DF	YF	FS	Samples	Total
Unknown Origin				7	2	5	1	8	13	2	5	12		2	7				1	6	1	6	1	8	8		95	
% of Total				1	1	1	<1	1	2	<1	1	2		1	2				<1	1	<1	2	<1	2	2			0.9
Sample Totals:	177	688	179	712	134	708	228	708	757	681	707	531	176	177	390	19	41	282	378	531	378	314	314	528	527	354	10,619	

Commodity Legend		
AP = Apples	CS = Sweet Corn, Frozen	OA = Oats
BB = Blueberries, Cultivated, Fresh	CZ = Cherries, Frozen	PC = Peaches
BN = Bananas	DF = Infant Formula, Dairy-Based	RI = Rice
BR = Broccoli	FS = Fish, Salmon	SS = Summer Squash
BZ = Blueberries, Frozen	GB = Green Beans, Fresh	ST = Strawberries
CB = Sweet Corn, Fresh, On-the-Cob	GC = Green Beans, Canned	TO = Tomatoes
CE = Celery	GJ = Grape Juice	WM = Watermelon
CH = Cherries, Fresh	GZ = Green Beans, Frozen	YF = Infant Formula, Soy-based
CR = Carrots	NE = Nectarines	

Appendix I

Import Versus Domestic Pesticide Residue Comparisons

The Pesticide Data Program is designed to provide a comprehensive statistical picture of pesticide residues in the U.S. food supply, representing all sources, including imports. Most commodities consumed are generally produced in the United States with import components that vary by commodity. However, several commodities tested over the past several years were cyclical; that is, part of the year the commodity was produced domestically and part of the year it was imported.

Appendix I compares residue data reported for samples originating in the United States with those of the same commodity from major exporting countries in 2014. Residue data for domestic blueberries are compared with data for samples originating in Chile and Mexico. Residue data for domestic nectarines and peaches are compared with data for samples originating in Chile. Only residues detected in more than 10 percent of all samples are included in each comparison. All pesticides detected were registered in the United States. However, the profiles of residue findings were markedly different in the United States samples versus samples from these exporting countries. The differences in residue detections between countries were likely due to the pesticides used in response to pest pressures based on differing environmental and climatic conditions as well as crop production and protection practices.

Appendix I. Import Versus Domestic Pesticide Residue Comparisons

2014 Distribution of Residues for Blueberry Samples Originating in Chile and Mexico Versus United States

(Only Pesticides with Residue Detections in at least 10 Percent of all Samples)

Pesticide	Origin	# of Samples Analyzed	# of Samples w/ Detections	% of Samples w/ Detections
Acetamiprid	United States	304	50	16.4
	Chile	187	1	0.5
	Mexico	75	18	24
Azoxystrobin	United States	304	78	25.7
	Chile	187	2	1.1
	Mexico	75	28	37.3
Boscalid	United States	304	99	32.6
	Chile	187	57	30.5
	Mexico	75	31	41.3
Cypermethrin	United States	304	108	35.5
	Chile	187	0	0
	Mexico	75	25	33.3
Cyprodinil	United States	304	97	31.9
	Chile	187	16	8.6
	Mexico	75	22	29.3
Fenhexamid	United States	304	24	7.9
	Chile	187	41	21.9
	Mexico	75	8	10.7
Fludioxonil	United States	304	63	20.7
	Chile	187	6	3.2
	Mexico	75	21	28
Malathion	United States	304	67	22
	Chile	187	0	0
	Mexico	75	8	10.7
Phosmet	United States	304	72	23.7
	Chile	187	95	50.8
	Mexico	75	0	0
Phosmet oxygen analog	United States	304	40	13.2
	Chile	187	65	34.8
	Mexico	75	0	0
Pyraclostrobin	United States	304	80	26.3
	Chile	187	28	15
	Mexico	75	25	33.3
Tetrahydrophthalimide (THPI)	United States	156	55	35.3
	Chile	93	19	20.4
	Mexico	48	6	12.5

NOTE: The Limits of Detection (LODs) for pesticide detections in blueberries are listed in Appendix B.

2014 Distribution of Residues for Nectarine Samples Originating in Chile Versus United States

(Only Pesticides with Residue Detections in at least 10 Percent of all Samples)

Pesticide	Origin	# of Samples Analyzed	# of Samples w/ Detections	% of Samples w/ Detections
Acetamiprid	United States	482	14	2.9
	Chile	197	83	42.1
Boscalid	United States	480	87	18.1
	Chile	197	4	2.0
Cyhalothrin, Lambda	United States	482	80	16.6
	Chile	197	92	46.7
Fludioxonil	United States	482	403	83.6
	Chile	197	34	17.3
Indoxacarb	United States	476	64	13.4
	Chile	197	20	10.2
Iprodione	United States	482	8	1.7
	Chile	197	192	97.5
Methoxyfenozide	United States	482	52	10.8
	Chile	197	40	20.3
Propiconazole	United States	482	198	41.1
	Chile	197	36	18.3
Pyrimethanil	United States	482	34	7.1
	Chile	196	85	43.4
Spinetoram	United States	482	138	28.6
	Chile	197	0	0
Spinosad	United States	482	53	11
	Chile	196	113	57.7
Tebuconazole	United States	482	12	2.5
	Chile	197	159	80.7

NOTE: The Limits of Detection (LODs) for pesticide detections in nectarines are listed in Appendix B.

2014 Distribution of Residues for Peach Samples Originating in Chile Versus United States

(Only Pesticides with Residue Detections in at least 10 Percent of all Samples)

Pesticide	Origin	# of Samples Analyzed	# of Samples w/ Detections	% of Samples w/ Detections
Acetamiprid	United States	515	21	4.1
	Chile	185	56	30.3
Boscalid	United States	515	112	21.7
	Chile	185	0	0
Chlorantraniliprole	United States	515	94	18.3
	Chile	185	16	8.6
Cyfluthrin	United States	515	74	14.4
	Chile	185	0	0
Cyhalothrin, Total (Cyhalothrin-Lambda + R157836 epimer)	United States	515	75	14.6
	Chile	185	41	22.2
Fenbuconazole	United States	515	89	17.3
	Chile	185	1	0.5
Fludioxonil	United States	515	408	79.2
	Chile	175	42	24
Iprodione	United States	515	6	1.2
	Chile	185	184	99.5
Methoxyfenozide	United States	515	82	15.9
	Chile	185	23	12.4
Phosmet	United States	515	68	13.2
	Chile	185	31	16.8
Propiconazole	United States	515	222	43.1
	Chile	185	33	17.8
Pyraclostrobin	United States	515	148	28.7
	Chile	185	1	0.5
Pyrimethanil	United States	515	74	14.4
	Chile	185	66	35.7
Spirodiclofen	United States	515	88	17.1
	Chile	166	11	6.6
Tebuconazole	United States	515	25	4.9
	Chile	185	141	76.2

NOTE: The Limits of Detection (LODs) for pesticide detections in peaches are listed in Appendix B.

Appendix J

Pesticide Residues by Commodity
(Pairs With Residue Detections in at Least 5 Percent of Samples)

Appendix J shows 259 commodity/pesticide pairs (including metabolites, isomers, and degradates) with detections in at least 5 percent of the samples tested. The data shown include the range and mean of values detected and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and appendices apply to 2014 and not to the current year. There may be instances where tolerances have been recently set, modified, or revoked that would have an effect on whether a residue is violative or not.

APPENDIX J. PESTICIDE RESIDUES [A] BY COMMODITY

(Pairs With Residue Detections in at Least 5 Percent of Samples)

	Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
1	**Apples (18 pesticides)**							
	Acetamiprid *	I	32.8	177	58	0.002 - 0.13	0.029	1.0
	Boscalid	F	19.8	177	35	0.003 - 0.14	0.023	3.0
	Carbendazim (MBC) [1]	F	14.7	177	26	0.001 - 0.20	0.039	2.0
	Chlorantraniliprole	I	23.7	177	42	0.010 - 0.044	0.017	1.2
	Cyhalothrin, Total [2] *	I	5.1	177	9	0.005 - 0.020	0.011	0.30
	Cyprodinil	F	7.3	177	13	0.005 - 0.045	0.016	1.7
	Diazinon	I	6.2	177	11	0.005 - 0.071	0.017	0.50
	Diphenylamine (DPA)	F	61.6	177	109	0.002 - 4.2	0.335	10.0
	Fludioxonil	F	16.9	177	30	0.025 - 1.0	0.259	5.0
	Imidacloprid	I	23.2	177	41	0.003 - 0.032	0.007	0.5
	Phosmet	I	7.9	177	14	0.011 - 0.28	0.102	10
	Pyraclostrobin	F	13.0	177	23	0.004 - 0.057	0.014	1.5
	Pyrimethanil	F	7.3	177	13	0.050 - 4.0	1.23	14
	Spirodiclofen	A	13	177	23	0.015 - 0.068	0.033	0.80
	Tetrahydrophthalimide (THPI) [3]	FM	20.9	177	37	0.010 - 0.75	0.236	25.0
	Thiabendazole	F	48.6	177	86	0.002 - 2.0	0.283	5.0
	Thiacloprid	I	14.7	177	26	0.001 - 0.021	0.007	0.30
	Trifloxystrobin	F	6.8	177	12	0.002 - 0.016	0.006	0.5
2	**Bananas (6 pesticides)**							
	Azoxystrobin	F	15.1	179	27	0.005 - 0.028	0.011	2.0
	Buprofezin	I	21.8	179	39	0.001 - 0.055	0.011	0.20
	Imazalil	F	22.9	179	41	0.005 - 0.068	0.014	3.0
	Myclobutanil	F	17.3	179	31	0.003 - 0.10	0.03	4.0
	Pyrimethanil	F	12.3	179	22	0.002 - 0.11	0.009	0.10
	Thiabendazole	F	58.1	179	104	0.008 - 0.22	0.054	3.0
3	**Blueberries, Cultivated (16 pesticides)**							
	Acetamiprid *	I	10.8	688	74	0.002 - 0.19	0.038	1.6
	Azoxystrobin	F	17.9	688	123	0.003 - 1.0	0.091	5.0
	Bifenthrin *	I	7.7	688	53	0.013 - 0.77	0.14	1.8
	Boscalid	F	38.4	688	264	0.005 - 1.7	0.186	13.0
	Cypermethrin	I	19.9	688	137	0.011 - 0.66	0.134	0.8
	Cyprodinil	F	27.5	688	189	0.003 - 1.0	0.11	3.0
	Fenhexamid	F	12.4	688	85	0.011 - 0.91	0.147	5.0
	Fludioxonil	F	16.4	688	113	0.010 - 0.63	0.108	2.0
	Imidacloprid	I	6.4	688	44	0.010 - 0.44	0.04	3.5
	Iprodione	F	8.0	688	55	0.005 - 2.7	0.176	15.0
	Malathion	I	13.7	688	94	0.005 - 0.67	0.072	8
	Methomyl	I	5.1	688	35	0.013 - 2.5	0.334	6
	Methoxyfenozide	I	9.4	688	65	0.009 - 0.58	0.087	3.0

	Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
	Phosmet (parent)	I	24.3	688	167	0.006 - 1.7	0.164	10
	Phosmet oxygen analog	IM	15.3	688	105	0.003 - 0.065	0.013	10
	Pyraclostrobin	F	26.2	688	180	0.002 - 0.26	0.031	4.0
	Tetrahydrophthalimide (THPI) [3]	FM	26.6	354	94	0.010 - 2.7	0.225	20.0
4	**Broccoli (2 pesticides)**							
	Azoxystrobin	F	7.3	712	52	0.002 - 0.65	0.103	3.0
	DCPA	H	7.7	712	55	0.005 - 0.056	0.018	5.0
5	**Carrots (8 pesticides)**							
	Azoxystrobin	F	13.9	707	98	0.003 - 0.044	0.007	0.5
	Boscalid	F	21	708	149	0.025 - 0.15	0.035	1.0
	Cyazofamid	F	8.2	707	58	0.007 - 0.029	0.008	0.09
	Fluopicolide	F	5.4	708	38	0.010 - 0.051	0.019	0.15
	Linuron	H	24.6	708	174	0.017 - 0.65	0.046	1.0
	Metalaxyl/Mefenoxam [4]	F	5.4	708	38	0.008 - 0.034	0.012	0.5
	Pyraclostrobin	F	15.8	707	112	0.005 - 0.054	0.01	0.4
	Trifluralin	H	20.9	708	148	0.003 - 0.24	0.033	1.0
6	**Celery (18 pesticides)**							
	Acephate (parent) *	I	27.4	708	194	0.005 - 0.64	0.097	10
	Methamidophos [5] *	IM	9.7	708	69	0.004 - 0.049	0.013	1
	Acetamiprid *	I	11.3	708	80	0.002 - 0.022	0.005	3.00
	Azoxystrobin	F	9.6	708	68	0.002 - 0.57	0.026	30.0
	Boscalid	F	13.6	708	96	0.005 - 0.17	0.021	45
	Chlorantraniliprole	I	31.2	708	221	0.003 - 0.24	0.015	13
	Chlorothalonil	F	30.7	348	107	0.010 - 0.60	0.108	15
	Cyromazine	R	24.7	348	86	0.005 - 0.066	0.019	7.0
	Dicloran	F	41.5	708	294	0.004 - 1.5	0.09	15
	Flonicamid	I	9.0	708	64	0.002 - 0.074	0.016	4.0
	Linuron	H	13.1	708	93	0.005 - 0.043	0.011	0.5
	Malathion	I	12.3	708	87	0.002 - 0.11	0.024	8
	Methoxyfenozide	I	23.3	708	165	0.002 - 0.077	0.012	25
	Omethoate	IM	6.2	708	44	0.005 - 0.043	0.015	2.0
	Oxamyl	I	9.7	708	69	0.003 - 0.089	0.013	10.0
	Permethrin							
	Permethrin cis [6]	IM	36.3	708	257	0.002 - 0.23	0.019	5.0
	Permethrin trans [6]	IM	32.5	708	230	0.002 - 0.26	0.019	5.0
	Propiconazole	F	25.7	708	182	0.010 - 0.13	0.022	5.0
	Pyraclostrobin	F	20.2	708	143	0.003 - 0.15	0.029	29.0
	Thiamethoxam	I	12.1	708	86	0.003 - 0.034	0.009	4.0
7	**Cherries, Fresh (19 pesticides)**							
	Acetamiprid	I	24.1	228	55	0.002 - 0.23	0.057	1.20
	Boscalid	F	57.5	228	131	0.013 - 0.17	0.056	3.5
	Buprofezin	I	14.5	228	33	0.001 - 0.077	0.02	1.9

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
Carbaryl	I	5.3	228	12	0.003 - 0.24	0.046	10
Cyhalothrin, Total [2] *	I	42.1	228	96	0.012 - 0.11	0.038	0.50
Fenhexamid	F	8.8	228	20	0.013 - 0.37	0.085	10.0
Fenpropathrin	I	20.6	228	47	0.027 - 1.0	0.293	5.0
Fludioxonil	F	25.9	228	59	0.031 - 2.0	0.264	5.0
Imidacloprid	I	35.5	228	81	0.019 - 0.24	0.069	3.0
Iprodione	F	21.5	228	49	0.022 - 2.6	0.619	20.0
Methoxyfenozide	I	7.9	228	18	0.006 - 0.067	0.016	3.0
Myclobutanil	F	29.4	228	67	0.001 - 0.16	0.033	5.0
Propiconazole	F	6.1	228	14	0.018 - 0.15	0.059	4.0
Pyraclostrobin	F	62.7	228	143	0.002 - 0.20	0.047	2.5
Spinetoram	I	14.5	228	33	0.005 - 0.029	0.011	0.20
Spinosad							
Spinosad A	IM	35.5	228	81	0.003 - 0.064	0.01	0.20
Spinosad D	IM	7.9	228	18	0.003 - 0.018	0.005	0.20
Tebuconazole	F	28.5	228	65	0.012 - 3.0	0.391	5.0
Trifloxystrobin	F	16.2	228	37	0.005 - 0.090	0.029	2
Triflumizole	F	40.4	228	92	0.002 - 0.30	0.045	1.5
8 Cherries, Frozen (21 pesticides)							
Acetamiprid *	I	72	282	203	0.002 - 0.11	0.022	1.20
Azoxystrobin	F	7.1	282	20	0.006 - 0.31	0.064	1.5
Boscalid	F	24.5	282	69	0.013 - 0.18	0.045	3.5
Buprofezin	I	20.2	282	57	0.001 - 0.035	0.006	1.9
Carbaryl	I	11.7	282	33	0.003 - 0.73	0.088	10
Carbendazim (MBC) [1]	F	31.9	282	90	0.006 - 0.33	0.036	20.0
Cypermethrin	I	9.9	282	28	0.070 - 0.34	0.135	1
Dimethoate (parent)	I	12.1	282	34	0.005 - 0.25	0.036	2.0
Omethoate [7]	IM	9.2	282	26	0.012 - 0.19	0.064	2.0
Fenbuconazole	F	48.2	282	136	0.005 - 0.48	0.128	1.0
Fenpropathrin	I	12.4	282	35	0.020 - 1.1	0.244	5.0
Imidacloprid	I	23	282	65	0.025 - 0.40	0.108	3.0
Iprodione	F	27	282	76	0.022 - 0.63	0.194	20.0
Myclobutanil	F	9.2	282	26	0.001 - 0.086	0.013	5
Permethrin							
Permethrin cis [6]	IM	9.6	282	27	0.020 - 0.39	0.072	4.0
Permethrin trans [6]	IM	10.3	282	29	0.014 - 0.56	0.1	4.0
Pyraclostrobin	F	26.2	282	74	0.002 - 0.17	0.025	2.5
Spinosad A	IM	7.1	282	20	0.003 - 0.047	0.01	0.20
Tebuconazole	F	51.8	282	146	0.012 - 0.81	0.127	5.0
Thiacloprid	I	35.1	282	99	0.005 - 0.11	0.03	0.5
Thiamethoxam	I	20.6	282	58	0.005 - 0.074	0.021	0.5
Trifloxystrobin	F	21.6	282	61	0.005 - 0.14	0.024	2
Triflumizole	F	5.7	282	16	0.003 - 0.16	0.032	1.5

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
9 Grape Juice (3 pesticides)							
Carbaryl	I	20.1	502	101	0.003 - 0.012	0.005	10
Methoxyfenozide	I	11.9	531	63	0.003 - 0.030	0.007	1.0
Tetrahydrophthalimide (THPI) [3]	FM	6.6	531	35	0.010 - 0.28	0.069	25.0
10 Green Beans, Fresh (10 pesticides)							
Acephate (parent) *	I	17.8	757	135	0.031 - 3.4	0.415	3.0
Methamidophos [5] *	IM	16.4	757	124	0.020 - 0.63	0.139	1
Azoxystrobin	F	28.7	757	217	0.001 - 0.28	0.018	3.0
Bifenthrin *	I	6.9	757	52	0.040 - 0.36	0.077	0.6
Chlorantraniliprole	I	7.7	757	58	0.001 - 0.042	0.006	2.0
Dicloran	F	7.1	757	54	0.010 - 3.4	0.25	20
Dimethoate (parent)	I	7.1	757	54	0.001 - 2.6	0.293	2.0
Omethoate [7]	IM	5.4	757	41	0.006 - 0.34	0.062	2.0
Methomyl	I	6.7	757	51	0.001 - 1.1	0.07	2
Penthiopyrad	F	10.3	757	78	0.001 - 0.24	0.07	4.0
Pyraclostrobin	F	13.2	757	100	0.001 - 0.10	0.015	0.5
Tebuconazole	F	5.5	757	42	0.001 - 0.048	0.009	0.1
11 Green Beans, Canned (3 pesticides)							
Acephate (parent) *	I	10.6	378	40	0.003 - 0.028	0.008	3.0
Methamidophos [5] *	IM	12.4	378	47	0.002 - 0.060	0.012	1
Bifenthrin *	I	52.1	378	197	0.003 - 0.056	0.01	0.6
Carbendazim (MBC) [1]	F	47.9	378	181	0.002 - 0.057	0.008	2.0
12 Green Beans, Frozen (6 pesticides)							
Acephate (parent) *	I	21.7	378	82	0.003 - 0.30	0.039	3.0
Methamidophos [5] *	IM	20.9	378	79	0.002 - 0.079	0.016	1
Azoxystrobin	F	11.6	378	44	0.002 - 0.016	0.004	3.0
Bifenthrin *	I	43.9	378	166	0.003 - 0.064	0.021	0.6
Boscalid	F	7.4	378	28	0.010 - 0.13	0.041	1.6
Carbendazim (MBC) [1]	F	48.1	378	182	0.002 - 0.095	0.012	2.0
Iprodione	F	11.6	378	44	0.015 - 0.44	0.065	2.0
13 Nectarines (19 pesticides)							
Acetamiprid *	I	14.2	681	97	0.017 - 0.096	0.035	1.20
Boscalid	F	13.4	679	91	0.002 - 0.21	0.043	3.5
Buprofezin	I	6.0	681	41	0.002 - 0.015	0.003	9.0
Cyhalothrin, Lambda *	I	25.3	681	172	0.003 - 0.053	0.01	0.50
Fenhexamid	F	8.2	681	56	0.008 - 1.2	0.169	10.0
Fenpropathrin	I	7.9	681	54	0.005 - 0.38	0.132	1.4
Fenpyroximate	A	5.6	681	38	0.002 - 0.053	0.026	2.0
Fludioxonil	F	64.5	681	439	0.033 - 3.2	0.595	5.0
Indoxacarb	I	12.6	675	85	0.003 - 0.069	0.017	0.90
Iprodione	F	29.4	681	200	0.008 - 6.2	1.296	20.0
Methoxyfenozide	I	13.7	681	93	0.003 - 0.099	0.024	3.0

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
Myclobutanil	F	6.6	680	45	0.003 - 0.095	0.016	2.0
Propiconazole	F	34.5	681	235	0.007 - 0.57	0.117	4.0
Pyraclostrobin	F	9.9	679	67	0.002 - 0.12	0.035	2.5
Pyrimethanil	F	17.6	680	120	0.002 - 1.6	0.142	10
Spinetoram	I	20.4	681	139	0.013 - 0.099	0.024	0.20
Spinosad	I	24.6	680	167	0.010 - 0.10	0.02	0.20
Tebuconazole	F	25.3	681	172	0.002 - 1.5	0.179	1.0
Thiabendazole	F	9.1	681	62	0.003 - 0.042	0.007	NT
14 Peaches (25 pesticides)							
Acetamiprid *	I	10.9	707	77	0.010 - 0.11	0.033	1.20
Boscalid	F	15.8	707	112	0.011 - 0.46	0.094	3.5
Captan	F	6.9	707	49	0.021 - 3.7	0.288	15.0
Chlorantraniliprole	I	15.7	707	111	0.020 - 0.12	0.039	4.0
Clothianidin *	I	6.2	707	44	0.010 - 0.17	0.029	0.80
Cyfluthrin *	I	10.6	707	75	0.005 - 0.11	0.023	0.3
Cyhalothrin, Total [2] *	I	16.4	707	116	0.008 - 0.086	0.02	0.50
Cyprodinil	F	5.7	707	40	0.006 - 0.77	0.188	2.0
Esfenvalerate+Fenvalerate Total *	I	6.5	707	46	0.007 - 0.10	0.03	3.0
Fenbuconazole	F	12.7	707	90	0.005 - 0.15	0.024	1.0
Fenpropathrin	I	6.4	707	45	0.006 - 0.80	0.207	1.4
Fenpyroximate	A	6.2	707	44	0.010 - 0.071	0.026	2.0
Fludioxonil	F	65	697	453	0.005 - 6.7	0.786	5.0
Hexythiazox	I	5.7	707	40	0.011 - 0.12	0.033	1.0
Imidacloprid	I	6.2	707	44	0.010 - 0.13	0.028	3.0
Indoxacarb	I	6.6	707	47	0.010 - 0.066	0.025	0.90
Iprodione	F	26.9	707	190	0.006 - 7.2	1.419	20.0
Methoxyfenozide	I	15	707	106	0.010 - 0.20	0.04	3.0
Myclobutanil	F	5.4	707	38	0.005 - 0.14	0.035	2.0
Phosmet	I	14.3	707	101	0.005 - 1.8	0.11	10
Propiconazole	F	36.5	707	258	0.010 - 1.2	0.162	4.0
Pyraclostrobin	F	21.2	707	150	0.003 - 0.23	0.058	2.5
Pyrimethanil	F	19.8	707	140	0.003 - 1.6	0.217	10
Spirodiclofen	A	14.4	688	99	0.010 - 0.23	0.049	1.0
Tebuconazole	F	23.6	707	167	0.005 - 6.6	0.288	1.0
15 Rice (1 pesticide)							
Piperonyl butoxide	I	11.1	314	35	0.005 - 0.30	0.067	20
16 Strawberries (32 pesticides)							
Acequinocyl	A	11.4	176	20	0.014 - 1.6	0.335	0.50
Acetamiprid *	I	29.5	176	52	0.003 - 0.31	0.059	0.60
Azoxystrobin	F	19.3	176	34	0.003 - 0.37	0.056	10.0
Bifenazate	A	19.3	176	34	0.003 - 1.5	0.103	1.5
Bifenthrin *	I	41.5	176	73	0.010 - 0.21	0.054	3.0
Boscalid	F	60.8	176	107	0.006 - 0.68	0.099	4.5

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
Carbendazim (MBC) [1]	F	30.7	176	54	0.003 - 0.27	0.069	7.0
Chlorantraniliprole	I	22.2	176	39	0.010 - 0.12	0.027	1.0
Cyprodinil	F	63.6	176	112	0.003 - 1.3	0.168	5.0
Etoxazole	A	5.7	176	10	0.004 - 0.067	0.026	0.50
Fenhexamid	F	19.9	176	35	0.021 - 1.0	0.218	3.0
Fenpropathrin	I	25.6	176	45	0.005 - 0.51	0.069	2.0
Flonicamid	I	23.3	176	41	0.033 - 0.48	0.113	1.5
Fludioxonil	F	50.6	176	89	0.010 - 0.56	0.113	3.0
Fluxapyroxad	F	6.2	176	11	0.006 - 0.73	0.115	4.0
Hexythiazox	I	13.1	176	23	0.003 - 0.31	0.041	6
Imidacloprid	I	10.8	176	19	0.005 - 0.075	0.017	0.50
Malathion	I	10.8	176	19	0.005 - 0.15	0.026	8
Metalaxyl/Mefenoxam [4]	F	14.2	176	25	0.003 - 0.25	0.059	10.0
Methoxyfenozide	I	23.3	176	41	0.003 - 0.21	0.032	2.0
Myclobutanil	F	17.6	176	31	0.012 - 0.23	0.071	0.50
Novaluron	I	15.3	176	27	0.020 - 0.10	0.037	0.45
Penthiopyrad	F	9.1	176	16	0.007 - 1.5	0.212	3.0
Piperonyl butoxide	I	6.8	176	12	0.005 - 0.96	0.172	EX
Pyraclostrobin	F	46.6	176	82	0.003 - 0.66	0.075	1.2
Pyrimethanil	F	26.7	176	47	0.005 - 1.5	0.366	3.0
Quinoxyfen	F	24.4	176	43	0.003 - 0.12	0.025	1.0
Spiromesifen (parent)	I	11.4	176	20	0.003 - 0.26	0.056	2.0
Spiromesifen alcohol	IM	28.4	176	50	0.002 - 0.23	0.026	2.0
Tetraconazole	F	7.4	176	13	0.003 - 0.079	0.023	0.25
Tetrahydrophthalimide (THPI) [3]	FM	72.7	176	128	0.012 - 2.5	0.566	20.0
Thiamethoxam	I	19.9	176	35	0.003 - 0.11	0.016	0.30
Triflumizole	F	6.8	176	12	0.006 - 0.38	0.056	2.0
17 Summer Squash (7 pesticides)							
Chlorothalonil	F	7.4	270	20	0.011 - 0.22	0.062	5.0
Endosulfan sulfate [8]	IM	10.5	531	56	0.005 - 0.15	0.046	1.0
Imidacloprid	I	15.8	531	84	0.010 - 0.35	0.045	0.5
Metalaxyl/Mefenoxam [4]	F	5.3	531	28	0.003 - 0.18	0.04	1.0
Propamocarb hydrochloride [9]	F	7.9	531	42	0.006 - 0.57	0.102	1.5
Pyraclostrobin	F	5.3	531	28	0.003 - 0.035	0.012	0.5
Thiamethoxam *	I	14.7	531	78	0.003 - 0.14	0.023	0.2
18 Tomatoes (28 pesticides)							
Acetamiprid *	I	8.5	177	15	0.002 - 0.044	0.011	0.20
Azoxystrobin	F	20.3	177	36	0.002 - 0.023	0.007	0.2
Bifenthrin *	I	16.9	177	30	0.002 - 0.024	0.008	0.15
Boscalid	F	7.3	177	13	0.021 - 0.079	0.035	3.0
Buprofezin	I	11.9	177	21	0.002 - 0.030	0.006	2.0
Carbendazim (MBC) [1]	F	9.6	177	17	0.002 - 0.037	0.01	NT
Chlorantraniliprole	I	23.7	177	42	0.003 - 0.027	0.007	1.4
Chlorfenapyr	I	11.9	177	21	0.004 - 0.36	0.044	1.0

Commodity / Pesticide	Pest. Type	% of Samples with Detections	Number of Samples Analyzed	Number of Samples with Detections	Range of Detections, ppm	Mean of Detections, ppm	EPA Tolerance, ppm
Clothianidin	I	9.6	177	17	0.003 - 0.038	0.006	0.20
Difenoconazole	F	20.9	177	37	0.002 - 0.041	0.009	0.60
Dinotefuran	I	19.2	177	34	0.010 - 0.13	0.029	0.7
Endosulfan II [8]	IM	7.3	177	13	0.002 - 0.027	0.008	1.0
Famoxadone	F	5.6	177	10	0.010 - 0.032	0.018	1.0
Fenpropathrin	I	6.8	177	12	0.004 - 0.080	0.019	1.0
Flonicamid	I	23.2	177	41	0.002 - 0.34	0.033	0.40
Fludioxonil	F	6.2	177	11	0.020 - 0.090	0.033	5.0
Fluxapyroxad	F	5.6	177	10	0.002 - 0.024	0.007	0.7
Imidacloprid	I	21.5	177	38	0.003 - 0.080	0.01	1.0
Methoxyfenozide	I	8.5	177	15	0.002 - 0.015	0.006	2.0
Myclobutanil	F	7.9	177	14	0.003 - 0.051	0.012	0.30
Penthiopyrad	F	7.9	177	14	0.003 - 0.044	0.014	3.0
Permethrin trans	IM	5.1	177	9	0.002 - 0.020	0.008	2.0
Piperonyl butoxide	I	7.3	177	13	0.005 - 0.29	0.077	8
Pyraclostrobin	F	27.1	177	48	0.002 - 0.056	0.009	1.4
Pyrimethanil	F	18.6	177	33	0.002 - 0.14	0.018	0.50
Pyriproxyfen	I	9.0	177	16	0.004 - 0.046	0.013	0.80
Tetrahydrophthalimide (THPI) [3]	FM	8.9	157	14	0.006 - 0.15	0.032	0.05
Thiamethoxam *	I	6.8	177	12	0.008 - 0.020	0.009	0.25
19 Watermelon (6 pesticides)							
Bifenthrin *	I	7.9	390	31	0.002 - 0.009	0.004	0.4
Carbendazim (MBC) [1]	F	6.2	390	24	0.001 - 0.013	0.003	1.0
Cyprodinil	F	5.9	390	23	0.005 - 0.026	0.011	0.70
Imidacloprid	I	11.8	390	46	0.003 - 0.093	0.014	0.5
Metalaxyl/Mefenoxam [4]	F	9.5	390	37	0.001 - 0.049	0.009	1.0
Thiamethoxam *	I	7.7	390	30	0.003 - 0.033	0.009	0.2

NOTES

A Excludes environmental contaminants, which are listed in Appendix G.

NT No tolerance established.

* Residue may result from food handling establishment (FHE) application.

1 From parent, benomyl.

2 Includes cyhalothrin lambda plus R157836 epimer.

3 Metabolite of captafol and captan.

4 Metalaxyl/mefenoxam are spatial isomers which are analytically indistinguishable via multiresidue methods, but have separate registrations.

5 Specific tolerance established for methamidophos in celery and green beans as a possible result of an acephate application.

6 Isomer of parent, permethrin.

7 Metabolite of parent, dimethoate.

8 From parent, endosulfan.

9 Analytically determined as the salt (hydrochloride).

Pesticide Types:

A = Acaricide
I = Insecticide, IM = Insecticide Metabolite
F = Fungicide, FM = Fungicide Metabolite
R = Insect Growth Regulator
H = Herbicide

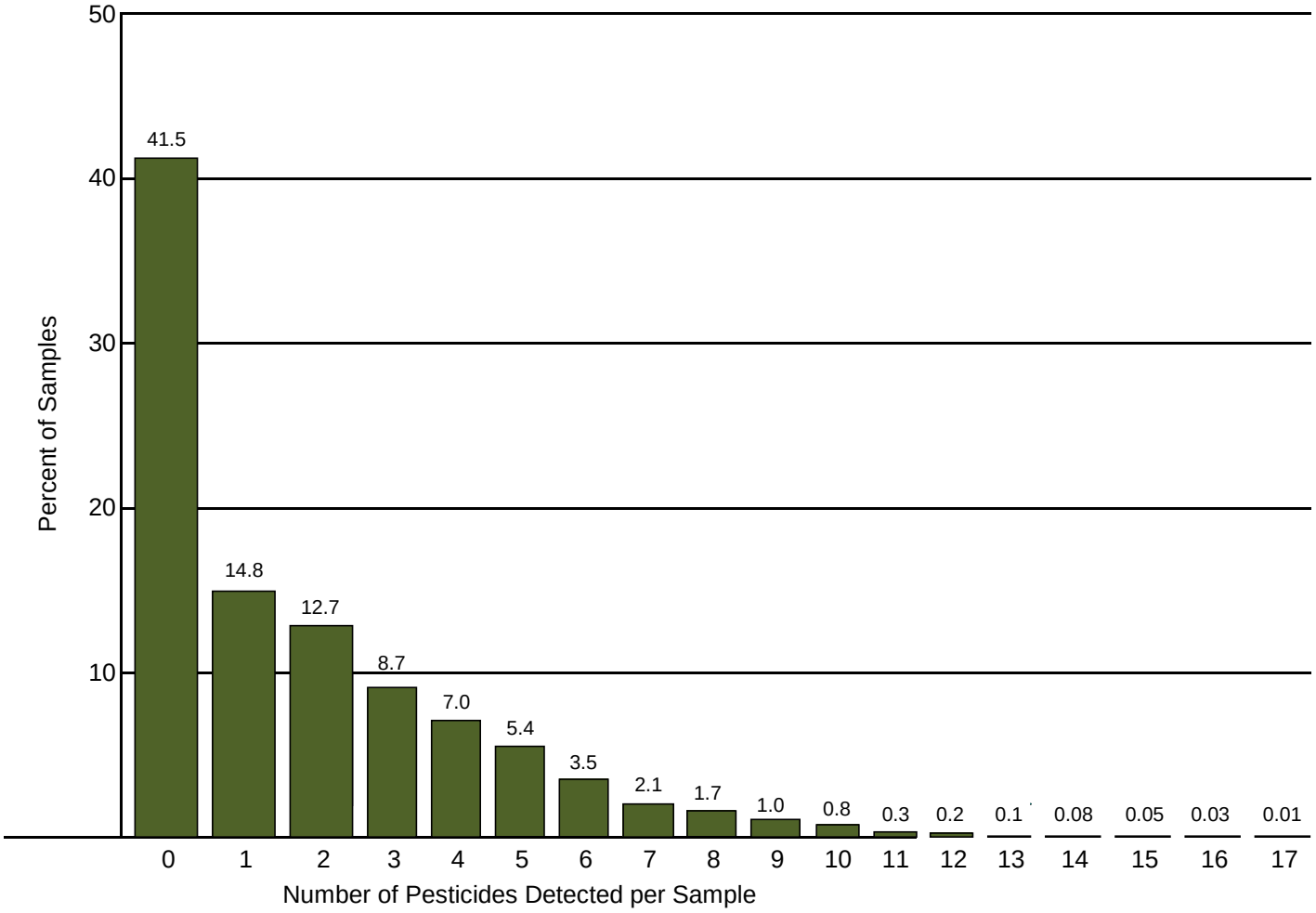
Appendix K

Number of Pesticides Detected per Sample

Appendix K shows the percentage of samples versus the number of pesticides detected per sample. The graph and data on page 1 show the overall number of samples and percentages (of total number of samples analyzed) for each detection group across all commodities. The table on page 2 shows the number of pesticides detected by individual commodity. For the 10,619 samples analyzed, 41.5 percent of the samples had no detectable pesticides, 14.8 percent had 1 pesticide, and 43.7 percent of the samples had more than 1 pesticide.

This appendix reports the number of distinct pesticides rather than residues. A parent compound and its metabolites are reported as a single pesticide.

APPENDIX K. NUMBER OF PESTICIDES [1] DETECTED PER SAMPLE



Number of Pesticides Detected per Sample

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Number of Samples	4,409	1,569	1,347	927	743	572	369	226	185	105	84	33	21	12	8	5	3	1
Percent of Total Samples	41.5	14.8	12.7	8.7	7.0	5.4	3.5	2.1	1.7	1.0	0.8	0.3	0.2	0.1	0.08	0.05	0.03	0.01

TOTAL NUMBER OF SAMPLES = 10,619

Multiple pesticide detections may result from the application of more than one pesticide, spray drift, crop rotation, and/or cross-contamination.

NOTES

[1] Environmental contaminants, listed in Appendix G, have been excluded from the count of pesticides detected in this appendix. Parent compounds and their metabolites are combined to report the number of "pesticides" rather than the number of "residues."

APPENDIX K. NUMBER OF PESTICIDES DETECTED PER SAMPLE

Commodity (# of samples)	Number of Pesticides [1] Detected per Sample																	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Fresh Fruit and Vegetables:	Percent																	
Apples (177)	4.5	8.5	13.0	20.9	23.7	13.0	6.8	4.5	2.3	1.1	0.6	--	--	0.6	--	0.6	--	--
Bananas (179)	17.3	36.3	28.5	14.5	3.4	--	--	--	--	--	--	--	--	--	--	--	--	--
Blueberries, Cultivated (688)	22.7	14.1	15.3	14.2	9.4	7.3	6.5	3.3	3.2	2.2	1.3	0.4	--	--	--	--	--	--
Broccoli (712)	70.8	18.0	7.3	3.2	0.7	--	--	--	--	--	--	--	--	--	--	--	--	--
Carrots (708)	38.3	23.4	15.5	11.4	5.5	3.5	1.3	0.4	0.6	--	--	--	--	--	--	--	--	--
Celery (708)	6.8	8.6	14.1	16.1	17.7	17.5	8.6	4.7	3.2	1.3	0.8	--	0.4	0.1	--	--	--	--
Cherries (228)	2.2	3.5	7.9	9.2	17.5	19.7	15.4	7.0	7.0	5.3	3.1	1.3	0.9	--	--	--	--	--
Green Beans (757)	29.7	24.0	23.5	12.5	5.2	2.2	1.7	0.7	0.3	--	0.1	--	--	--	--	--	--	--
Nectarines (681)	1.3	8.4	16.9	14.7	18.8	14.5	10.7	7.5	3.8	1.2	1.0	0.7	0.4	--	--	--	--	--
Peaches (707)	2.5	10.6	17.0	17.7	15.3	11.5	7.6	3.3	5.8	4.5	4.0	0.3	--	--	--	--	--	--
Strawberries (176)	1.7	2.3	2.3	3.4	6.8	9.7	9.7	10.2	6.3	7.4	9.7	9.1	6.8	5.7	4.5	2.3	1.7	0.6
Summer Squash (531)	50.7	25.6	12.4	6.0	3.6	0.9	0.2	0.6	--	--	--	--	--	--	--	--	--	--
Sweet Corn, On-the-Cob (134)	98.5	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tomatoes (177)	1.7	11.9	17.5	15.8	15.3	14.7	6.8	6.8	5.6	2.3	1.7	--	--	--	--	--	--	--
Watermelon (390)	54.1	32.1	8.7	3.8	1.0	0.3	--	--	--	--	--	--	--	--	--	--	--	--
Processed Fruit and Vegetables:																		
Blueberries, Frozen (19)	5.3	5.3	--	26.3	21.1	10.5	5.3	26.3	--	--	--	--	--	--	--	--	--	--
Cherries, Frozen (282)	0.4	1.8	4.3	12.1	23.8	19.5	12.8	9.2	9.2	3.5	1.8	1.4	0.4	--	--	--	--	--
Grape Juice (531)	68	18.5	10.5	2.6	--	0.2	--	--	--	--	--	--	--	--	--	--	--	--
Green Beans, Canned (378)	21.4	39.9	31.7	5.3	1.6	--	--	--	--	--	--	--	--	--	--	--	--	--
Green Beans, Frozen (378)	12.2	32.0	39.7	14.0	1.9	0.3	--	--	--	--	--	--	--	--	--	--	--	--
Sweet Corn, Frozen (41)	97.6	2.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Percent of Total Samples	28.2	17.7	15.7	10.8	8.7	6.7	4.3	2.6	2.2	1.2	1.0	0.4	0.2	0.1	0.1	0.1	0.03	0.01
Actual Number of Samples	2,424	1,519	1,345	927	743	571	370	226	185	105	84	33	21	12	8	5	3	1
TOTAL NUMBER OF FRUIT & VEGETABLE SAMPLES = 8,582																		
Grain Products:																		
Oats (314)	99.7	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Rice (314)	86.3	13.1	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Actual Number of Samples	584	42	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Infant Formula Products:																		
Infant Formula, Dairy-based (528)	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Infant Formula, Soy-based (527)	98.7	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Actual Number of Samples	1048	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fish Product:																		
Salmon (354)	99.7	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Actual Number of Samples	353	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES

[1] Environmental contaminants, listed in Appendix G, have been excluded from the count of pesticides detected in this appendix. Parent compounds and their metabolites are combined to report the number of "pesticides" rather than the number of "residues."

Appendix L

Fruit and Vegetable Samples Reported to the U.S. Food and Drug Administration as Exceeding the Tolerance or Without Established Tolerance (per Code of Federal Regulations, Title 40, Part 180)

Appendix L shows pesticide residues reported to the U.S. Food and Drug Administration (FDA) as exceeding the tolerance or residues for which no established tolerance was listed under the Code of Federal Regulations, Title 40, Part 180. In 2014, a total of 316 samples with 352 pesticides were reported to the FDA as Presumptive Tolerance Violations.

Pesticides exceeding the tolerance were detected in 38 samples including 1 sample of bananas, 2 samples of broccoli, 12 fresh green bean samples, 1 sample of nectarines, 11 peach samples, 5 samples of strawberries, 2 samples of summer squash, 3 samples of tomatoes, and 1 sample of watermelon. Of those 38 samples, 19 were reported as imported produce.

In addition, 281 samples were found to have pesticides for which no tolerance was established, including 258 fresh fruit and vegetable samples, 22 processed fruit/vegetable samples, and 1 rice sample.

- 250 samples contained 1 pesticide for which no tolerance was established.
- 29 samples contained 2 pesticides for which no tolerance was established.
- 1 sample of celery and 1 sample of fresh green beans contained 3 pesticides for which no tolerance was established.

Three of the 281 samples also contained 1 pesticide each that exceeded an established tolerance.

The columns under the Sample Origin heading provide the number of samples that were of domestic, imported, or unknown origin for each pesticide/commodity pair listed.

Appendix L also notes if metabolites (or isomers) were detected as part of the same sample. In instances where both parent and metabolite (or isomer) were detected, the Pesticide Data Program accounted for both as part of the same tolerance expression.
A number of the findings shown in this appendix are less than 0.01 ppm. Levels below 0.01 ppm are deemed by the U.S. FDA to be “not of regulatory significance”.

APPENDIX L. SAMPLES REPORTED TO FDA AS EXCEEDING THE TOLERANCE OR WITHOUT ESTABLISHED TOLERANCE (per Code of Federal Regulations, Title 40, Part 180)

Residues Exceeding Established Tolerance

	Commodity / Pesticide	Limit of Detection, ppm	Concentration Detected, ppm	EPA Tolerance Level, ppm	Country of Origin
1	Bananas / Pyrimethanil	0.002	0.11	0.10	Costa Rica
2	Broccoli / Cypermethrin	0.01	2.6	2.0	Mexico
3	Broccoli / Cyprodinil	0.005	1.4	1.0	U.S.
4	Green Beans / Acephate	0.03	3.4	3.0	U.S.
5	Green Beans / Chlorfenapyr	0.025	0.071	0.01	Mexico
6	Green Beans / Dimethoate	0.001	2.6	2.0	U.S.
7	Green Beans / Dimethoate	0.001	2.3	2.0	U.S.
8	Green Beans / Dimethoate	0.001	2.1	2.0	U.S.
9	Green Beans / Dinotefuran	0.04	0.16	0.01	U.S.
10	Green Beans / Dinotefuran	0.04	0.16	0.01	U.S.
11	Green Beans / Dinotefuran	0.04	0.14	0.01	U.S.
12	Green Beans / Dinotefuran	0.04	0.11	0.01	U.S.
13	Green Beans / Dinotefuran	0.04	0.09	0.01	U.S.
14	Green Beans / Dinotefuran	0.04	0.074	0.01	U.S.
15	Green Beans / Dinotefuran	0.04	0.069	0.01	U.S.
16	Nectarines / Tebuconazole	0.001	1.5	1.0	Chile
17	Peaches / Chlorpyrifos	0.005	0.065	0.05	U.S.
18	Peaches / Fludioxonil	0.005	6.7	5.0	U.S.
19	Peaches / Tebuconazole	0.005	6.6	1.0	Chile
20	Peaches / Tebuconazole	0.005	2.3	1.0	Chile
21	Peaches / Tebuconazole	0.005	2.2	1.0	Chile
22	Peaches / Tebuconazole	0.005	1.6	1.0	Chile
23	Peaches / Tebuconazole	0.005	1.5	1.0	Chile
24	Peaches / Tebuconazole	0.005	1.2	1.0	Chile
25	Peaches / Tebuconazole	0.005	1.2	1.0	Chile
26	Peaches / Tebuconazole	0.005	1.2	1.0	Chile
27	Peaches / Tebuconazole	0.005	1.2	1.0	Chile
28	Strawberries / Acequinocyl [1]	0.005	1.6	0.50	U.S.
29	Strawberries / Acequinocyl [1]	0.005	1.2	0.50	U.S.
30	Strawberries / Acequinocyl [1]	0.005	0.99	0.50	Mexico
31	Strawberries / Acequinocyl [1]	0.005	0.7	0.50	Mexico
32	Strawberries / Acequinocyl [1]	0.005	0.52	0.50	Mexico
33	Summer Squash / Acephate	0.03	0.19	0.02	U.S.
34	Summer Squash / Heptachlor epoxide	0.01	0.079	0.05 AL	U.S.
35	Tomatoes / Tetrahydrophthalimide (THPI) [2]	0.004	0.15	0.05	Mexico
36	Tomatoes / Tetrahydrophthalimide (THPI) [2]	0.004	0.066	0.05	Mexico
37	Tomatoes / Tetrahydrophthalimide (THPI) [2]	0.004	0.064	0.05	Mexico
38	Watermelon / Acephate	0.03	0.084	0.02	U.S.

Distribution of Residues with No Tolerance Listed in 40 CFR, Part 180, by Commodity/Pesticide

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm	Range of LODs, ppm	Sample Origin U.S.	Import	Unk.
1 Blueberries, Cultivated, Fresh (7 pesticides)								
Carbendazim (MBC) [3]	688	2	0.3	0.021 - 0.073	0.005 ^	1	1	0
Cyproconazole	688	1	0.1	0.007 ^	0.005 - 0.010	0	1	0
3-Hydroxycarbofuran	688	2	0.3	0.002 - 0.003	0.002 - 0.010	0	2	0
Methoxychlor p,p'	354	3	0.8	0.005 - 0.007	0.005 ^	2	1	0
Tebuconazole	688	4	0.6	0.022 - 0.070	0.010 - 0.012	0	4	0
Terbuthylazine	688	2	0.3	0.003 - 0.004	0.002 - 0.003	0	2	0
Trifloxystrobin	688	1	0.1	0.013 ^	0.003 - 0.005	0	1	0
2 Broccoli (4 pesticides)								
Chlorpropham	712	2	0.3	0.006 - 0.010	0.005 ^	2	0	0
Fluoxastrobin	712	3	0.4	0.016 - 0.081	0.002 ^	3	0	0
Pronamide	712	1	0.1	0.006 ^	0.005 ^	1	0	0
Propamocarb hydrochloride [4]	712	2	0.3	0.010 - 0.024	0.010 ^	2	0	0
3 Carrots (3 pesticides)								
Carbendazim (MBC) [3]	708	1	0.1	0.005 ^	0.003 ^	1	0	0
Quintozene - PCNB (parent) [5]								
Pentachloroaniline (PCA)	708	20	2.8	0.003 - 0.020	0.002 ^	14	6	0
Pentachlorobenzene (PCB)	708	1	0.1	0.020 ^	0.001 ^	1	0	0
Pentachlorophenyl methyl sulfide	708	1	0.1	0.007 ^	0.002 ^	1	0	0
Phosmet	708	3	0.4	0.017 ^	0.010 ^	0	3	0
4 Celery (10 pesticides)								
Chlorpropham	708	1	0.1	0.002 ^	0.001 - 0.005	1	0	0
DCPA	708	9	1.3	0.002 - 0.007	0.001 - 0.003	9	0	0
Disulfoton sulfone	708	1	0.1	0.004 ^	0.002 - 0.003	1	0	0
Norflurazon (parent) [6]	708	2	0.3	0.002 - 0.005	0.001 - 0.010	2	0	0
Norflurazon desmethyl	708	4	0.6	0.002 - 0.020	0.001 - 0.010	4	0	0
Oxyfluorfen	708	1	0.1	0.002 ^	0.001 - 0.010	1	0	0
Pendimethalin	708	5	0.7	0.002 - 0.009	0.001 - 0.005	2	3	0
Pronamide	708	5	0.7	0.002 - 0.005	0.001 - 0.003	4	0	1
Propamocarb hydrochloride [4]	348	3	0.9	0.014 - 0.025	0.010 ^	3	0	0
Pyrimethanil	708	3	0.4	0.002 - 0.006	0.001 - 0.005	3	0	0
Tetraconazole	708	1	0.1	0.002 ^	0.001 - 0.010	1	0	0
5 Cherries, Fresh (1 pesticide)								
Thiabendazole	228	2	0.9	0.012 - 0.014	0.005 ^	2	0	0
6 Cherries, Frozen (4 pesticides)								
Monocrotophos	282	3	1.1	0.023 - 0.057	0.017 ^	0	3	0
Pirimicarb	282	2	0.7	0.002 - 0.003	0.002 ^	0	2	0
Propargite	282	3	1.1	0.049 - 0.25	0.036 ^	0	3	0
Thiabendazole	282	2	0.7	0.008 - 0.009	0.005 ^	0	2	0
7 Grape Juice (1 pesticide)								
Diphenylamine (DPA)	531	1	0.2	0.002 ^	0.002 ^	1	0	0

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm	Range of LODs, ppm	Sample Origin U.S.	Import	Unk.
8 Green Beans, Fresh (10 pesticides)								
Difenoconazole	757	1	0.1	0.005 ^	0.005 ^	0	1	0
Dimethomorph	757	1	0.1	0.005 ^	0.001 ^	0	1	0
Fenpropathrin	757	3	0.4	0.064 - 0.092	0.050 ^	0	3	0
Flonicamid	757	1	0.1	0.10 ^	0.10 ^	1	0	0
Fluopicolide	757	1	0.1	0.052 ^	0.002 ^	1	0	0
Oxamyl (parent)	757	3	0.4	0.011 - 0.14	0.002 ^	2	1	0
Oxamyl oxime [7]	757	1	0.1	0.060 ^	0.050 ^	1	0	0
Permethrin Total [8]	757	3	0.4	0.073 - 0.11	0.040 ^	0	3	0
Propamocarb hydrochloride [4]	757	17	2.2	0.001 - 0.11	0.001 ^	6	10	1
Pyrimethanil	757	2	0.3	0.001 - 0.031	0.001 ^	1	1	0
Trifloxystrobin	757	2	0.3	0.001 - 0.004	0.001 ^	1	1	0
9 Green Beans, Canned (3 pesticides)								
Permethrin (parent) [9]								
Permethrin cis	378	1	0.3	0.004 ^	0.001 ^	1	0	0
Permethrin trans	378	1	0.3	0.005 ^	0.001 ^	1	0	0
Propachlor	378	1	0.3	0.002 ^	0.001 ^	1	0	0
Pyrimethanil	378	2	0.5	0.002 ^	0.001 ^	2	0	0
10 Green Beans, Frozen (7 pesticides)								
Chlorpropham	378	1	0.3	0.035 ^	0.001 ^	0	1	0
Fenhexamid	378	1	0.3	0.015 ^	0.009 ^	1	0	0
Metribuzin	378	1	0.3	0.003 ^	0.002 ^	1	0	0
Permethrin cis	378	1	0.3	0.002 ^	0.001 ^	1	0	0
Pirimicarb	378	1	0.3	0.002 ^	0.001 ^	0	1	0
Pyrimethanil	378	2	0.5	0.002 ^	0.001 ^	1	1	0
Trifloxystrobin	378	2	0.5	0.002 - 0.011	0.001 ^	2	0	0
11 Nectarines (3 pesticides)								
Imazalil	681	33	4.8	0.007 - 0.11	0.004 ^	15	18	0
Tetramethrin	681	1	0.1	0.002 ^	0.001 ^	0	1	0
Thiabendazole	681	62	9.1	0.003 - 0.042	0.002 ^	27	35	0
12 Peaches (5 pesticides)								
Chlorpropham	677	2	0.3	0.008 - 0.043	0.005 ^	2	0	0
Dimethoate	707	2	0.3	0.015 - 0.028	0.010 ^	2	0	0
Imazalil	707	10	1.4	0.011 - 0.072	0.010 ^	6	4	0
Propargite	707	1	0.1	0.029 ^	0.020 ^	1	0	0
Thiabendazole	707	10	1.4	0.011 - 0.12	0.010 ^	8	2	0
13 Rice (1 pesticide)								
Tebuconazole	314	1	0.3	0.038 ^	0.025 ^	0	1	0
14 Strawberries (6 pesticides)								
Chlorothalonil	176	2	1.1	0.036 - 0.14	0.010 ^	0	2	0
Dimethoate (parent) [10]	176	1	0.6	0.005 ^	0.003 ^	1	0	0
Omethoate	176	1	0.6	0.003 ^	0.003 ^	1	0	0
Fenazaquin	176	2	1.1	0.003 - 0.29	0.003 ^	0	2	0
Methomyl	176	3	1.7	0.011 - 0.055	0.010 ^	2	1	0

Commodity / Pesticide	Number of Samples	Samples Reported	% of Samples	Range of Values Detected, ppm	Range of LODs, ppm	Sample Origin U.S.	Import	Unk.
Oxamyl (parent) [7]	176	1	0.6	0.033 ^	0.005 ^	1	0	0
Oxamyl oxime	176	1	0.6	0.020 ^	0.010 ^	1	0	0
Tebuconazole	176	1	0.6	0.018 ^	0.003 ^	0	1	0
15 Summer Squash (4 pesticides)								
Dichlobenil	270	1	0.4	0.004 ^	0.003 ^	0	1	0
Monocrotophos	270	1	0.4	0.46 ^	0.005 ^	0	1	0
Quintozene - PCNB (parent) [11]								
Pentachloroaniline (PCA)	531	6	1.1	0.003 - 0.007	0.003 - 0.12	5	1	0
Pentachlorobenzene (PCB)	531	1	0.2	0.008 ^	0.005 - 0.010	1	0	0
Quinoxyfen	270	1	0.4	0.008 ^	0.003 ^	1	0	0
16 Tomatoes (5 pesticides)								
Carbendazim (MBC) [3]	177	17	9.6	0.002 - 0.037	0.001 ^	4	13	0
Chlorpropham	177	8	4.5	0.002 - 0.058	0.001 ^	4	4	0
Fenbuconazole	177	5	2.8	0.002 - 0.028	0.001 ^	1	4	0
Iprodione	177	1	0.6	0.030 ^	0.009 ^	0	0	1
Thiacloprid	177	1	0.6	0.002 ^	0.001 ^	0	1	0
17 Watermelon (1 pesticide)								
Pentachloroaniline (PCA)	390	1	0.3	0.006 ^	0.004 ^	0	1	0

NOTES

AL Numbers shown are Action Levels established by FDA for some pesticides. Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of action levels has been transferred to the U.S. Environmental Protection Agency. In the interim, action levels are used.

1 Acequinocyl in strawberries analyzed as the hydroxy metabolite.

2 Tetrahydrophthalimide (THPI) is a metabolite of Captafol and Captan.

3 Carbendazim (MBC) is a metabolite of Benomyl and Thiophanate methyl.

4 Propamocarb analytically determined as the salt (hydrochloride).

5 One carrot sample contained all three of the PCNB metabilites.

6 Two celery samples contained both Norflurazon and its desmethyl metabolite.

7 One fresh green bean sample and one strawberry sample contained both Oxamyl and its oxime metabolite.

8 Permethrin Total includes the cis permethrin isomer plus the trans permethrin isomer.

9 One canned green bean sample contained both the cis and trans permethrin isomers.

10 Omethoate is a metabolite of the parent, Dimethoate. One strawberry sample contained both Dimethoate and Omethoate.

11 One summer squash sample contained both the PCA and PCB metabolites.

Note:

For those pesticide/commodity pairs where the minimum detected value is less than the limit of quantitation (three times the limit of detection), the reported values are estimates. In a few cases, this may apply to the maximum detected value.

PESTICIDE DATA PROGRAM

Annual Summary, Calendar Year 2014

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