

## BE Alfalfa Crop Summary

### BE Alfalfa Events in the Food Supply

BE Event	Trait	Producing Countries	Comments	FDA Review
J101	Herbicide Tolerance	Canada, Mexico, United States		<a href="#">BNF-084</a>
J163	Herbicide Tolerance	Canada, Mexico, United States		<a href="#">BNF-084</a>
KK179	low lignin	Canada, United States	Trade name: HarvXtra™	<a href="#">BNF-138</a>

### BE Alfalfa Production

BE alfalfa is commercially produced in Canada and the United States. BE alfalfa is also approved for commercial cultivation in Mexico and Japan; however, no BE alfalfa is currently produced in these two countries. Producers of alfalfa sprouts should maintain records to demonstrate that they sourced non-BE alfalfa seed.

About 13% of the 2013 alfalfa harvest in the United States was BE alfalfa (USDA-ERS, 2016). ISAAA (2017) estimated that there was 1.22M ha of BE alfalfa in the United States in 2017.

### BE Alfalfa Food Safety Reviews

FDA biotechnology consultations were completed for events J101 and J163 in 2004, and for event KK179 in 2013 (FDA, 2018). Health Canada completed food safety reviews for events J101 and J163 in 2005 (Health Canada, 2005) and for event KK179 in 2015 (Health Canada, 2015).

### References

FDA (2018) Biotechnology Consultations on Food from GE Plant Varieties

<https://www.accessdata.fda.gov/scripts/fdcc/?set=Biocon>

Health Canada (2005) Novel Food Information – Glyphosate Tolerant Alfalfa Events J101 and J163

Health Canada (2015) Novel Food Information – Reduced Lignin Alfalfa KK179

ISAAA (2017) Global Status of Commercialized Biotech-GM Crops - 2017

USDA-ERS (2016) The Adoption of Genetically Engineered Alfalfa, Canola and Sugarbeets in the United States.