Dry Matter Intake (DMI) Calculation Worksheet Utilizing National Research Council (NRC) Referenced Values for Dry Matter Demand (DMD)

[Note: Use a separate worksheet for each livestock class and type (stage of production)]

Class/Stage of Production:

	Date			
	# of Animals			
	Average Weight			
A	**DMD** Source: NRC/NOP Table Value or Other _____			
	Other Feed Sources:			
	_____			
	lb, as fed			
	x % DM of Feed Source			
a	**= DMI, lb**			
	_____			
	lb, as fed			
	x % DM of Feed Source			
b	**= DMI, lb**			
	_____			
	lb, as fed			
	x % DM of Feed Source			
c	**= DMI, lb**			
	_____			
	lb, as fed			
	x % DM of Feed Source			
d	**= DMI, lb**			
B	**Total DMI from feed sources, lb = a+b+c+d**			
	% DMI from feed sources = (B/A)*100			
C	**Pasture DMI, lb = A - B**			
	% DMI from pastures = (C/A)*100			

Typical dry matter (DM) Content of Feed Sources:

- Grain = 89% dry matter
- Grain Silage = 25-35% dry matter
- Dry hay = 90% dry matter
- Haylage/Baleage = 35-60% dry matter

Ave. % DMI from Pasture Over the Grazing Season	
Meet Requirements?	

Dry Matter Intake (DMI) Calculation Worksheet Utilizing National Research Council (NRC) Referenced Values for Dry Matter Demand (DMD)

[Note: Use a separate worksheet for each livestock class and type (stage of production)]

Class/Stage of Production: Dairy Cow, Lactating [EXAMPLE]

	Date	1-May-09	10-Aug-09	1-Oct-09
	# of Animals	125	125	125
	Average Weight	1300	1300	1300
A	**DMD** Source: NRC/NOP Table Value or Other _____	31.97	52.03	52.03
	Other Feed Sources:			
	_____	corn	corn	corn
	lb, as fed	12	25	18
	x % DM of Feed Source	89	89	89
a	= **DMI, lb**	10.68	22.25	16.02
	_____		silage	hay
	lb, as fed		12	5
	x % DM of Feed Source		30	90
b	= **DMI, lb**		3.6	4.5
	_____		hay	
	lb, as fed		5	
	x % DM of Feed Source		90	
c	= **DMI, lb**		4.5	
	_____			
	lb, as fed			
	x % DM of Feed Source			
d	= **DMI, lb**			
B	**Total DMI from feed sources, lb = a+b+c+d**	10.68	30.35	20.52
	% DMI from feed sources = (B/A)*100	33.41	58.33	39.44
C	**Pasture DMI, lb = A - B**	21.29	21.68	31.51
	% DMI from pastures = (C/A)*100	66.59	41.67	60.56

Typical dry matter (DM) Content of Feed Sources:

- Grain = 89% dry matter
- Dry hay = 90% dry matter
- Grain Silage = 25-35% dry matter
- Haylage/Baleage = 35-60% dry matter

Ave. % DMI from Pasture Over the Grazing Season	56.27
Meet Requirements?	YES