



KENTUCKY DEPARTMENT OF AGRICULTURE

Office of Agricultural Marketing and Product Promotion • Organic Program
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Dry Matter Intake Calculation Worksheet for Organic Ruminant Livestock					
Dry Matter Demand (DMD) for (Animal Class): _____				Number of Animals in Group: _____	
Average Weight Per Cow (lbs)		% of Body Weight (see chart above)		DMD	
		x			=
RATION 1					
Dates this Ration is Fed: from _____ to _____ = # of Days [A] _____					
Feed Type (do not list pasture)	% DM of Feed		Average Fed Per Animal (lbs.)		DM Fed (lbs)
Ex: Grain, Corn	89% (.89)	x	10 lbs	=	8.9 lbs
		x		=	
		x		=	
		x		=	
		x		=	
Total DM Fed					
_____ - _____ = _____ ÷ _____ = _____ x 100 = _____ %					
DMD	Total DM Fed	DMI from Pasture	DMD	[a]	DMI % from Pasture
[A] _____ x [a] _____ = Ration Value [1] _____					
RATION 2					
Dates this Ration is Fed: from _____ to _____ = # of Days [B] _____					
Feed Type (do not list pasture)	% DM of Feed		Average Fed Per Animal (lbs.)		DM Fed (lbs)
Ex: Grain, Corn	89% (.89)	x	10 lbs	=	8.9 lbs
		x		=	
		x		=	
		x		=	
		x		=	
Total DM Fed					
_____ - _____ = _____ ÷ _____ = _____ x 100 = _____ %					
DMD	Total DM Fed	DMI from Pasture	DMD	[b]	DMI % from Pasture
[B] _____ x [b] _____ = Ration Value [2] _____					
RATION 3					
Dates this Ration is Fed: from _____ to _____ = # of Days [C] _____					
Feed Type (do not list pasture)	% DM of Feed		Average Fed Per Animal (lbs.)		DM Fed (lbs)
Ex: Grain, Corn	89% (.89)	x	10 lbs	=	8.9 lbs
		x		=	
		x		=	
		x		=	
		x		=	
Total DM Fed					
_____ - _____ = _____ ÷ _____ = _____ x 100 = _____ %					
DMD	Total DM Fed	DMI from Pasture	DMD	[c]	DMI % from Pasture
[C] _____ x [c] _____ = Ration Value [3] _____					
Total Days in Grazing Season ([A] + [B] + [C]) = _____ [Z] Total Ration Value ([1] + [2] + [3]) = _____ [Y]					
(Y) ÷ (Z) = _____ Average % DMI from Pasture for the grazing season					