



Maryland Department of Agriculture Organic Certification Program
 Dry Matter Intake Calculation Worksheet

Directions: Complete this form to show the dry matter intake of your ruminant livestock during the grazing season. A separate form should be completed for each class of animal and each time the feed ration changes.

Operation Name:		Date:
Ration ID:		Species: Breed: Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Mixed
Time period of use: <input type="checkbox"/> Spring <input type="checkbox"/> Summer (during grazing season) <input type="checkbox"/> Fall <input type="checkbox"/> Winter Dates: # of Days		Class of Animal: <input type="checkbox"/> Calf <input type="checkbox"/> Heifer <input type="checkbox"/> Milking <input type="checkbox"/> Dry <input type="checkbox"/> Feeder <input type="checkbox"/> Slaughter <input type="checkbox"/> Other:
Approximate # of Animals in group:	Dry Matter Demand (lbs)	Source of DMD Calculation <input type="checkbox"/> % of body weight <input type="checkbox"/> Lbs per day of milk <input type="checkbox"/> Other reference:

Feed type: (other than pasture)	Average # of Lbs fed per animal	X	Dry Matter content of feed source as a %	=	DMI Fed in Lbs.
<i>Example: Hay</i>	<i>Example: 15</i>	X	<i>Example: 87</i>	=	<i>13.1</i>
		X		=	
		X		=	
		X		=	
		X		=	
		X		=	
		X		=	
		x		=	
Total DMI Fed from non pasture sources =					
$\frac{\text{Dry Matter Demand (Lbs)}}{\text{Total Dry Matter Fed}} = \frac{\text{DMI from pasture}}{\text{Dry Matter Demand}} = \frac{\text{DMI from Pasture}}{\text{DMI from Pasture}} \times 100 = \text{\% DMI from Pasture}$					

Additional Information: Dry Matter percentages for specific crops can be provided to you per your request or you may consult your county extension agent or other reliable resource. If dry matter intake from pasture for the grazing season is below 40% all non pasture feed supplies will need to be tested for dry matter percentage by a licensed lab at the operator's expense. Reminder: to comply with the NOP regulations all ruminant animals will need to consume 30% of dry matter intake from pasture during the grazing season.