



OTCO Dry Matter Intake (DMI) Calculation Worksheet for Organic Ruminant Livestock

	Operation Name: _____	OTCO Client ID #: _____
	Class of Animal/Stage of Production: _____	Number of Animals in Group: _____
Dry Matter Demand (DMD) (lbs.): _____	Source of DMD: <input type="checkbox"/> NOP Tables	<input type="checkbox"/> Other: _____

RATION 1
 Dates this Ration is Fed: from _____ to _____ = # of Days [A] _____

Feed Type (do not list pasture)	Amount Fed Per Animal (lbs.)		DM Content (%)		DM Fed (lbs.)
		x		=	
		x		=	
		x		=	
		x		=	

$$\frac{\text{DMD (lbs.)} - \text{Total DM Fed (lbs.)}}{\text{DMI from Pasture (lbs.)}} \div \frac{\text{DMD (lbs.)}}{[\text{a}]} = \text{DMI from Pasture \%}$$

$$\text{\# of Days in this Ration [A]} \times \text{DMI from this Ration [a]} = \text{Ration Value [1]}$$

RATION 2
 Dates this Ration is Fed: from _____ to _____ = # of Days [B] _____

Feed Type (do not list pasture)	Amount Fed Per Animal (lbs.)		DM Content (%)		DM Fed (lbs.)
		x		=	
		x		=	
		x		=	
		x		=	

$$\frac{\text{DMD (lbs.)} - \text{Total DM Fed (lbs.)}}{\text{DMI from Pasture (lbs.)}} \div \frac{\text{DMD (lbs.)}}{[\text{b}]} = \text{DMI from Pasture \%}$$

$$\text{\# of Days in this Ration [B]} \times \text{DMI from this Ration [b]} = \text{Ration Value [2]}$$

RATION 3
 Dates this Ration is Fed: from _____ to _____ = # of Days [C] _____

Feed Type (do not list pasture)	Amount Fed Per Animal (lbs.)		DM Content (%)		DM Fed (lbs.)
		x		=	
		x		=	
		x		=	
		x		=	

$$\frac{\text{DMD (lbs.)} - \text{Total DM Fed (lbs.)}}{\text{DMI from Pasture (lbs.)}} \div \frac{\text{DMD (lbs.)}}{[\text{c}]} = \text{DMI from Pasture \%}$$

$$\text{\# of Days in this Ration [C]} \times \text{DMI from this Ration [c]} = \text{Ration Value [3]}$$

Calculating Average Dry Matter Intake from Pasture Over Entire Grazing Season

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