



Equation to calculate dry matter: (Dry weight / wet weight) x 100 = DM %

Example:

Type of Dry Matter	Dry Weight	Wet Weight	Dry Matter %
Example	X	Y	DM%
Fresh Grass / Pasture	18gm	125gm	_____ %
Hay	110gm	125 gm	_____ %

Why is this calculation important? Rations are calculated on a dry matter basis because it determines the exact amount of nutrients the animal receives.

Type of Dry Matter	Dry Weight	Wet Weight	Weight after wringing out	Dry Matter %
Sponge 1				_____ %
Sponge 2				_____ %
Sponge 3				_____ %

*Answer key: DM fresh grass/pasture=18%; DM hay=88%

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