

Nutrient Requirements

Brood Cows - Average Milking



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EXTENSION

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Legend

DMI = Dry Matter Intake

CP = Crude Protein

TDN = Total Digestible Nutrients

Ca = Calcium

P = Phosphorus

	Requirements				
	DMI	CP	TDN	Ca	P
	% of BW				
<u>Dry Cow (Post Weaning)</u>					
1,000 lb	1.81%	7.0	48	0.20	0.20
1,200 lb	1.86%	7.0	48	0.20	0.20
1,400 lb	1.78%	7.0	48	0.20	0.20
<u>Late Gestation (3 mo pre-calving)</u>					
1,000 lb	1.96%	8.0	53	0.26	0.21
1,200 lb	1.86%	8.0	53	0.26	0.21
1,400 lb	1.78%	8.0	53	0.26	0.21
<u>Peak Lactation (First 3 mo post-calving)</u>					
1,000 lb	2.10%	11.0	60	0.28	0.19
1,200 lb	2.00%	10.5	60	0.28	0.19
1,400 lb	1.91%	10.0	60	0.28	0.18
<u>Late Lactation (Last 3 mo pre-weaning)</u>					
1,000 lb	2.20%	9.0	55	0.24	0.17
1,200 lb	2.13%	9.0	54.5	0.24	0.17
1,400 lb	2.07%	9.0	54	0.24	0.17

Source: NRC, 2000. Adapted from NRC Nutrient Requirement of Beef Cattle