

Recommended TMR Nutrient Concentrations

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	Dry Cows			Lactating Cows	
	Early	Close Up	Post Fresh	21-150d	150-300d
DMI, lb/d	27-30	22-24	35-40	50-55	45-48
CP, %	12-13	12-14	18-19	17-18	15-16
DIP (% CP)	65-70	60-65	60-65	62-65	65-68
UIP (% CP)	30-35	35-40	35-40	35-38	32-35
SIP (% CP)	30-35	30-35	30-35	30-35	30-35
NE₁, Mcal/lb	0.58-0.62	0.68-0.72	0.76-0.78	0.78-0.80	0.75-0.78
ADF, %	30-35	23-25	21-23	19-21	21-23
NDF, %	45-50	32-35	30-35	27-32	30-35
NFC, %	30-35	35-40	35-40	35-40	32-38
Total Fat, %	2-3	2-4	4-5	6-7	4-6
Ca, %	0.60*-0.70	0.70*-0.80	0.80-1.0	0.80-1.0	0.80-0.90
P, %	0.30-0.35	0.35-0.40	0.38-0.42	0.35-0.38	0.35-0.38
Mg, %	0.25	0.35	0.35	0.35	0.30
K, %	0.70-0.80	0.70-0.80	1.0-1.2	1.0-1.2	1.0-1.2
Na, %	0.10	0.10	0.25	0.25	0.25
Cl, %	.20	.20	.30	.30	.25
S, %	0.20-0.25	0.20-0.25	0.20-0.25	0.20-0.25	0.20-0.25
Fe, ppm	100	100	100	100	100
Co, ppm	0.30	0.40	0.40	0.40	0.40
Cu, ppm	15	20	20	20	15
Mn, ppm	60	60	60	60	60
Zn, ppm	60	70	80	80	70
I, ppm	0.50	0.50	0.60	0.60	0.60
Se, ppm⁺	0.30	0.30	0.30	0.30	0.30
Vit A, IU/d	100,000	100,000-150,000	100,000-150,000	100,000-150,000	100,000-150,000
Vit D, IU/d	30,000	40,000-50,000	40,000-50,000	40,000-50,000	30,000-40,000
Vit E, IU/d	500	1,000	1,000	500	500

*Evaluate DCAD Levels (if anionic salts are fed, then feed 150g of Ca/head/d.) ⁺ Or supplement 6mg/head/d.