



ProVAAL ELITE CPM NUTRIENT PROFILE

Feed name	PROVAAL ELITE
FRACTIONS	
Dry Matter (% As Fed)	90.0%
NDF (% DM)	4.6 %
eNDF (% NDF)	1.6%
CP (% DM)	93.0%
Sol-P (% CP)	4.7%
UndegP (% CP)	84.0%
ADFIP (%CP)	4.0%
Fat (% DM)	2.4%
Ash (% DM)	7.1%
C:B1	0.00
Lignin (% NDF)	0.0%
NPN (% Sol-P)	13.5%
NDFIP (%CP)	4.6 %
FAT TYPE	
Fat	2.0
AMINO ACIDS	
Methionine (% RUP) *	3.9%
Lysine (% RUP)	8.6%
Arginine (% RUP)	5.0%
Threonine (% RUP)	3.5%
Leucine (% RUP)	13.3%
Isoleucine (% RUP)	1.3%
Valine (%RUP)	6.5%
Histidine (%RUP)	5.5%
Phenylalanine (%RUP)	7.0%
Tryptophane (%RUP)	1.4%

RATES	
CHO:A2 (%/hr)	300.0%
CHO:B1 (%/hr)	30.0%
CHO:B2 (%/hr)	30.0%
CHO:B3 (%/hr)	5.0%
CHO:C (%/hr)	
Pro:A (%/hr)	10,000%
Pro:B1 (%/hr)	208.0%
Pro:B2 (%/hr)	0.9%
Pro:B3 (%/hr)	0.1%
Pro:C (%/hr)	
MINERALS	
Calcium (% DM)	0.7%
Phosphorus (% DM)	0.1%
Magnesium (% DM)	0.2%
Potassium (% DM)	0.2%
Sulfur (% DM)	1.4%
Sodium (% DM)	0.2%
Chlorine (% DM)	0.3%
Iron (mg/kg)	2,315
Zinc (mg/kg)	35
Copper (mg/kg)	8.9
Manganese (mg/kg)	8.7
Selenium (mg/kg)	0.2
Cobalt (mg/kg)	
Iodine (mg/kg)	

VITAMINS	
Vit A (IU/kg)	0
Vit D (IU/kg)	0
Vit E (IU/kg)	0
INTES DIG	
CHO:A2 (Int Digest %)	100.0%
CHO:B1 (Int Digest %)	75.0%
CHO:B2 (Int Digest %)	75.0%
CHO:B3 (Int Digest %)	20.0%
CHO:C (Int Digest %)	0.0%
Pro:A (Int Digest %)	100.0%
Pro:B1 (Int Digest %)	100.0%
Pro:B2 (Int Digest %)	85.0%
Pro:B3 (Int Digest %)	80.0%
Pro:C (Int Digest %)	0.0%
Fat (Int Digest %)	95.0%
ENERGY	
NEI (mcal/kg)	2.29
Neg (mcal/kg)	1.74
Nem (mcal/kg)	2.29

* PROVAAL ELITE is formulated to include methionine from both rumen degradable (MHA) and rumen undegradable (Smartamine M™) sources. The b1 protein fraction at 218 %/hr and methionine at 3.9 % of RUP represent numerical values to be entered in the CPM feed library to reflect a metabolizable methionine contribution of MHA at 5%.