

MIX 30 PLUS

TYPICAL ANALYSIS

Standard Commodity Code:

20-859

		AS IS	100% DM
Moisture (H2O)	%	56.900	
Dry Matter (Solids)	%	43.10	100.00
Crude Protein (CP)	%	16.53	38.35
Soluble Protein	%	14.05	32.60
Non Protein Nitrogen (NPN)*	%	8.18	18.98
Rumen Degraded Protein (RDP)	%	16.06	37.27
Acid Det. Indigest. Protein (ADIP)	%	0.14	0.318
Neutral Det. Indigest. Protein (NDIP)	%	0.31	0.710
Crude Fat (Fat by Acid Hydrolysis)	%	10.57	24.52
TDN for Ruminants	%	47.19	109.50
Metabolizable Energy (ME):	Mcal/lb	0.88	2.04
Net Energy Gain (NE _g):	Mcal/lb	0.45	1.05
Net Energy Maintenance (NE _m):	Mcal/lb	0.56	1.31
Net Energy Lactation (NE _l):	Mcal/lb	0.56	1.31
Neutral Deterent Fiber (NDF)	%	1.06	2.46
Acid Detergent Fiber (ADF)	%	0.59	1.36
Non Fibrous Carbohydrates (NFC)	%	10.00	23.20
Starch (ChoB1)	%	1.45	3.36
Sugar (ChoA2)	%	5.45	12.65
Soluble Fiber (ChoB2)	%	3.10	7.19
Ash	%	5.25	12.18
Calcium (Ca)	%	0.09	0.21
Phosphorus (P)	%	0.57	1.33
Magnesium (Mg)	%	0.96	2.23
Potassium (K)	%	0.77	1.79
Sulfur (S)	%	0.47	1.10
Sodium (Na)	%	1.19	2.77
Chloride (Cl)	%	4.68	10.86
Iron (Fe)	ppm	270.00	626.45
Zinc (Zn)	ppm	49.60	115.08
Copper (Cu)	ppm	3.34	7.75
Manganese (Mn)	ppm	12.76	29.60
Selenium (Se)	ppm	0.15	0.34
Cobalt (Co)	ppm	0.00	0.00
Iodine (I)	ppm	0.00	0.00
Vitamin A	IU/LB	7521.38	17451.00
Vitamin D	IU/LB	1661.07	3854.00
Vitamin E	IU/LB	43.53	101.00
Vitamin K	IU/LB	0.00	0.00
Vitamin B4	IU/LB	0.00	0.00
Niacin	IU/LB	0.00	0.00
Biotin	IU/LB	0.00	0.00
pH	SU	3.80	

Fatty Acid Profile - % of FAT

TFA - Total Fatty Acids	97.270
FFA - Free Fatty Acids	54.200
Glycerol	2.809
C12:0 Lauric	0.040
C14:0 Myristic	0.100
C15:0 Pentadecanoic	0.040
C16:0 Palmitic	17.700
C16:1 Palmitoleic	0.040
C18:0 Stearic	3.800
C18:1 Oleic	21.300
C18:2 Linoleic	51.900
C18:3 Linolenic	3.700
C20:0 Arachidic	0.100
C20:1 Eicosenoic	0.100
C20:2 Eicosodienoic	0.100
C22:0 Behenic	0.500
C22:1 Erucic	0.100
C24:0 Lignoceric	0.300
C24:1 Nervonic	0.040

Amino Acid Profile - % of RDP

Methionine	0.277
Lysine	0.901
Arginine	0.728
Threonine	0.728
Leucine	9.390
Isoleucine	0.728
Valine	1.075
Histidine	0.520
Phenylalanine	0.693
Tryptophan	0.173

DCAD INFORMATION

DCAD Value = -216.52 meq/100 grams (NRC, 2001)

GENERAL COMMENTS

Weight in Pounds per Cubic Foot:	67.5
Weight in Pounds per Gallon:	9.00
Weight in Pounds per Bushel:	N/A
Estimated # Tons per Truckload:	23
Estimated # Tons per Barge:	1400
Estimated # Tons per Rail Car:	92