



NOVA MEAL

Dry Matter Basis

Dry Matter 87%

Protein*

Crude Protein, %DM 34.3%
 Soluble Protein, %CP 24.5%
 RDP, %CP 13.5%
 RUP, %CP 86.5%
 RUP Digestibility, %RUP 83.2%
 Intestinally Digestible Protein, %DM 24.68%
 ADIP, %DM 3.49%
 NDIP, %DM 5.00%

Fat %DM

Ether Extract** 2.70%
 Linoleic Fatty Acid 1.49%

MINERALS %DM

Ash 5.99%
 Calcium 0.09%
 Phosphorus 1.00%
 Magnesium 0.41%
 Potassium 1.39%
 Sulfur 0.63%
 Sodium 0.20%
 Chloride 0.21%
 Iron 101 PPM
 Manganese 19 PPM
 Zinc 71 PPM
 Copper 5 PPM

Average analysis collected from weekly or bimonthly composite samples from July 20, 2020 to June 5, 2022 production and tested by Cumberland Valley Analytical Services. Protein analysis from the Multi-Step Protein Evaluation using freeze drying. Other specifications from wet chemistry. *Amino Acid profile is the average of Mjoun et al., 2010. Journal of Dairy Science. 93:4144-4154, 93:3176-3191 & 93:288-303 **Ether extract is representative of an average of biweekly samples from April 19, 2021 to June 5, 2022 due to improved production to increase extraction efficiency

Amino Acids*	%DM	%CP
Arginine	1.50	4.30
Histidine	0.83	2.39
Isoleucine	1.28	3.68
Leucine	4.07	11.70
Lysine	1.04	3.00
Methionine	0.66	1.91
Phenylalanine	1.48	4.25
Threonine	1.26	3.61
Tryptophan	0.28	0.80
Valine	1.74	5.00
Total EAA	14.14	40.63

Carbohydrates DM

Crude Fiber 8.17%
 ADF 14.18%
 aNDFom 35.49%
 Lignin 3.06%
 Sugar (ESC) 7.37%
 Starch 3.04%
 Soluble Fiber 11.03%
 NFC 24.71%
 TDN 69.43%
 NEL 0.72 Mcal/lb
 NEG 0.54 Mcal/lb
 NEM 0.78 Mcal/lb
 ME 1.20 Mcal/lb

Pools %DM Rate (%/h) Int. Dig.

Pools	%DM	Rate (%/h)	Int. Dig.
CHO A1	0	0	0
CHO A4	7.37%	40	100
CHO B1	3.04%	17	75
CHO B2	11.03%	30	75
CHO B3	32.43%	7.2	20
CHO C	3.06%	0	0
PRO A1	0	200	100
PRO A2	8.40%	10.4	100
PRO B1	21.05%	1.8	100
PRO B2	0.52%	1.5	80
PRO C	1.20%	0	0



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