



DRY MATTER BASIS	
Dry Matter	88%

PROTEIN	
Crude Protein, %DM	33.7
Soluble Protein, %CP	20.3
RDP, %CP	10.5
RUP, %CP	89.5
RUP Digestibility, %RUP	81.7
RUP Digestibility, %DM	24.8
ADIP, %DM	3.59
NDIP, %DM	5.63

FAT	%DM
Ether Extract	3.22
Linoleic Fatty Acid	2.14

MINERALS	DM
Ash	6.22%
Calcium	0.08%
Phosphorus	0.99%
Magnesium	0.41%
Potassium	1.39%
Sulfur	0.61%
Sodium	0.21%
Chloride	0.20%
Iron	104 ppm
Manganese	19 ppm
Zinc	61 ppm
Copper	5 ppm

Average analysis collected from weekly composite samples from July 20, 2020 to January 10, 2021 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



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AMINO ACIDS	%DM	%CP
Arginine	1.50	4.39
Histidine	0.97	2.84
Isoleucine	1.36	3.96
Leucine	4.15	12.10
Lysine	1.02	2.99
Methionine	0.64	1.88
Phenylalanine	1.60	4.67
Threonine	1.26	3.68
Tryptophan	0.28	0.81
Valine	1.74	5.07
Total EAA	14.52	42.39

CARBOHYDRATES	DM
Crude Fiber	8.18%
ADF	14.95%
aNDF	37.28%
Lignin	3.19%
Sugar (WSC)	6.50%
Starch	3.70%
Soluble Fiber	11.03%
NFC	24.76%
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.
CHO A1	0	0	0
CHO A4	6.50	40	100
CHO B1	3.70	17	75
CHO B2	11.03	30	75
CHO B3	34.09	7.2	20
CHO C	3.19	0	0
PRO A1	0	200	100
PRO A2	3.53	10.4	100
PRO B1	24.8	3.1	100
PRO B2	2.04	5	80
PRO C	3.59	0	0



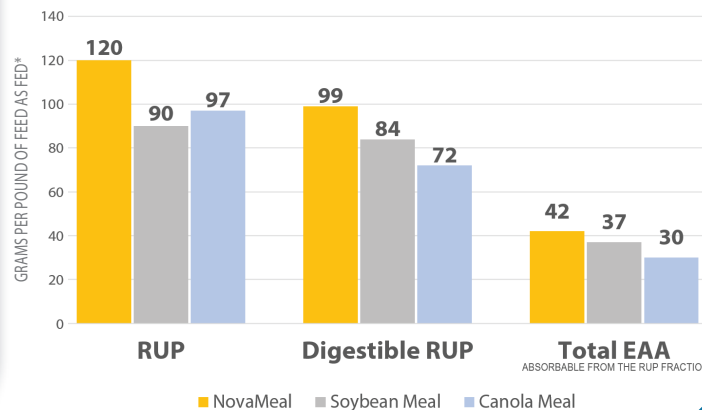


Quality, Nutrient-Dense Package

- ✓ High amounts of digestible protein and fiber to the dairy cow's diet with a low level of unsaturated fat.
- ✓ Quality assurance throughout the production process with 17 sample points and in-house lab testing as well as 3rd party analyses.
- ✓ High levels of rumen undegradable protein which is more digestible and absorbable than other plant proteins.
- ✓ Consistent nutrient supply – she will produce more milk and milk components.

More RUP & Digestible RUP

THAN OTHER PLANT PROTEINS



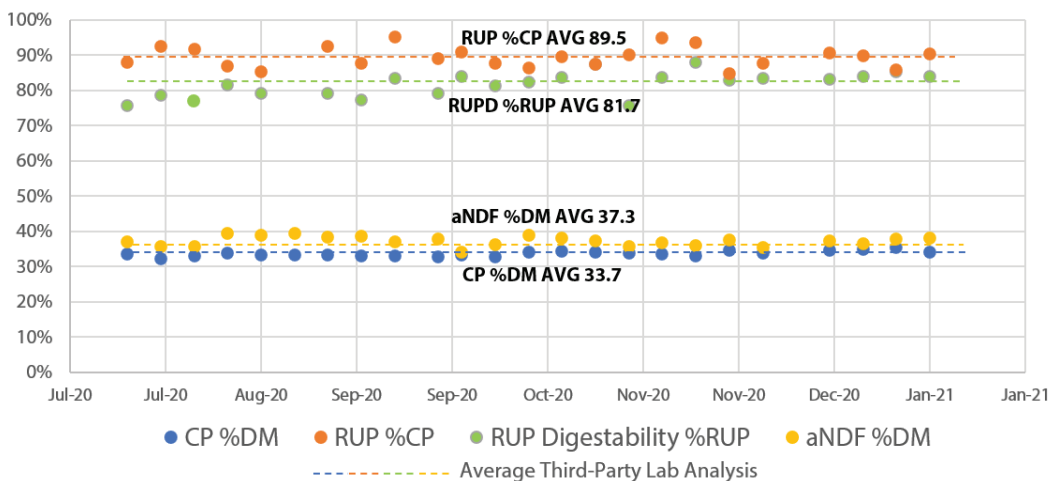
HIGH QUALITY PROTEIN & FIBER

- High in Rumen Undegradable Protein (RUP)
- High RUP Digestibility (RUPD)
- High in Digestible Fiber
- Low in Unsaturated Fat

GREATER VALUE

- ✓ High Inclusion Rates
- ✓ Improved Overall Economics
- ✓ Pelleted to Reduce Shrink

Third-Party Results from Cumberland Valley Analytical Services (CVAS)



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BYPASS PROTEIN

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