



### 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
Digestible RUP, %DM	24.7
ADIP, %DM	3.49
NDIP, %DM	5.00

### FAT\*\*\* %DM

Ether Extract	2.71
Linoleic Fatty Acid	1.93

### 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

### AMINO ACIDS\*\* %DM %CP

Arginine	1.52	4.44
Histidine	0.87	2.53
Isoleucine	1.28	3.74
Leucine	4.09	11.93
Lysine	1.13	3.29
Methionine	0.64	1.86
Phenylalanine	1.68	4.90
Threonine	1.25	3.65
Tryptophan	0.30	0.86
Valine	1.73	5.05
<b>Total EAA</b>	<b>14.50</b>	<b>42.26</b>

### CARBOHYDRATES DM

Crude Fiber	8.17%
ADF	14.18%
aNDFom	35.49%
Lignin	3.06%
Sugar (ESC)	7.37%
Starch	3.04%
Soluble Fiber	16.09%
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.

CHO A1	0	0	0
CHO A4	7.37	40	100
CHO B1	3.04	17	75
CHO B2	16.09	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	1.57	1.5	80
PRO C	3.29	0	0

\*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 CVAS Analysis 32688077, 33374048, 33587035. \*\*\*Ether extract is representative of an average of biweekly samples from April 19, 2021 to June 5, 2022 due to altered production to increase extraction efficiency. Linoleic fatty acid is representative of an average samples from March 15, 2021 to September 5, 2021.

**CNCPS Feedbank:**  
SourceID 12127

**NDS RUMEN Library:**  
NovaMeal [Novita] updated  
6/26/2023



[www.NovaMeal.com](http://www.NovaMeal.com) | [sales@NovitaNutrition.com](mailto:sales@NovitaNutrition.com) | PH 605.610.0976  
2301 Research Park Way, Suite 226 | Brookings, SD 57006

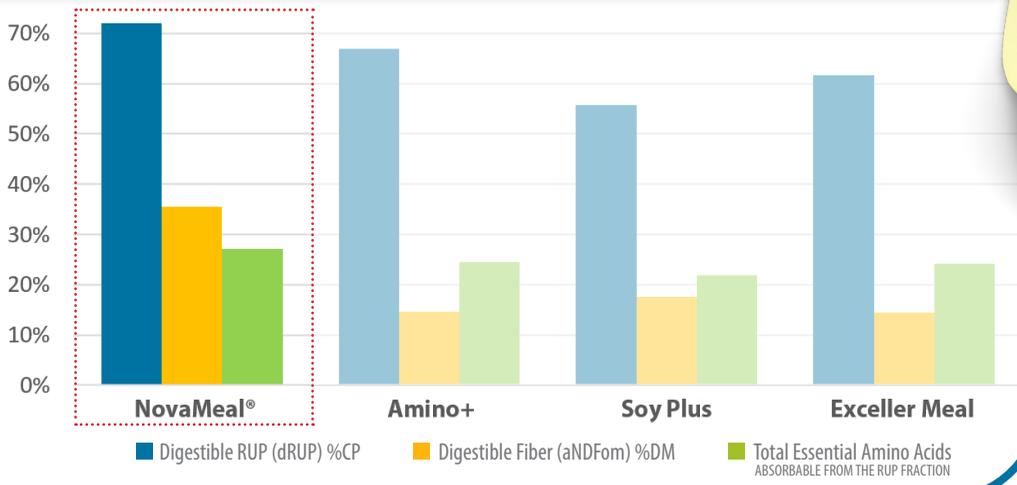
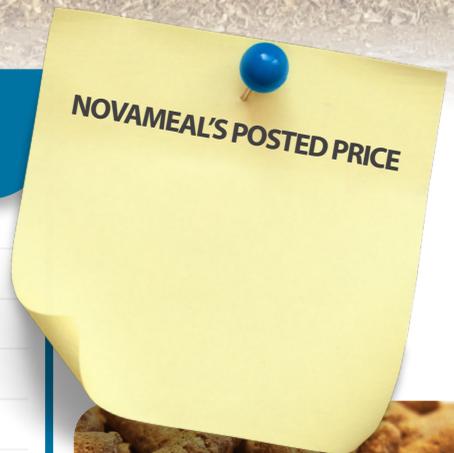
DISCLAIMER: NOVITA NUTRITION, LLC AND ITS SUBSIDIARY NOVITA AURORA, LLC DISCLAIM ALL IMPLIED WARRANTIES OF MERCHANTABILITY, SUITABILITY FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. LIABILITY FOR CLAIMS OF ANY KIND SHALL BE LIMITED ENTIRELY TO THE PURCHASE PRICE PAID FOR THE PRODUCT. INFORMATION CONTAINED HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. CUSTOMERS AND USERS OF THE PRODUCTS ARE SOLELY RESPONSIBLE FOR COMPLIANCE WITH ALL LAWS, REGULATIONS AND INTELLECTUAL PROPERTY RIGHTS WHICH MAY APPLY TO THE USES OF THE PRODUCT.





**NOVAMEAL**  
BYPASS PROTEIN

**More Digestible RUP, More Digestible Fiber & More Essential Amino Acids**



Source: Values from competing products taken from manufacturer specification sheets and CNCPS 6.55. See the reverse side for more details on NovaMeal.

**HIGH QUALITY PROTEIN & FIBER**

- High in Digestible Rumen Undegradable Protein (RUP)
- Highly Digestible Fiber
- Low in Unsaturated Fat
- High Levels of Branch Chain Amino Acids including Leucine & Isoleucine - Potent Stimulators of Protein Synthesis

**GREATER VALUE**

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

**Ration Reformulation Examples**

Producers are **profiting** by including NovaMeal in their ration to materially reduce diet cost while maintaining nutrient flow, cow performance and health.

Example #1	Original Ration	NovaMeal Ration
<b>NovaMeal</b>	-	<b>5.68</b>
Bypass SBM	3.01	-
DDGS	3.38	-
SBM	3.89	3.44

Numbers Shown on an As Fed Intake

Ask your Nutritionist to reformulate with NovaMeal to find your potential savings. Every ration is different, but Nutritionists have found success formulating NovaMeal to replace higher cost ingredients in the diet resulting in savings to the bottom line. View regional ration examples with all the ingredients and output comparison at [www.NovaMeal.com/reformulation](http://www.NovaMeal.com/reformulation)

**Continuously Tested, Proven Results**  
View Research & Resources at [www.NovaMeal.com](http://www.NovaMeal.com)

- ✓ NovaMeal's quality is assured through 17 sample points in the production process.
- ✓ Continuously tested via Cumberland Valley Analytical Services (CVAS). Data we share, just ask!
- ✓ 3 research studies published in the Journey of Dairy Science.



**NOVAMEAL**  
BYPASS PROTEIN

sales@NovitaNutrition.com  
PH 605.610.0976