



NOVAMEAL

100% DRY MATTER BASIS

Moisture	10%
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PROTEIN*

Crude Protein, %DM	34.00
Soluble Protein, %CP	20.70
RDP, %CP	21.14
RUP, %CP	78.86
RUPD, %CP	72.08
dRUP, %DM	24.51
ADIP, %DM	2.71
NDIP, %DM	5.42

FAT	%DM	%FAT
Ether Extract	3.20	
Total Fatty Acid	2.40	
Saturated Fat	0.46	19
Unsaturated Fat	1.94	81

MINERALS	DM
Ash	5.97%
Calcium	0.07%
Phosphorus	0.98%
Magnesium	0.41%
Potassium	1.27%
Sulfur	0.74%
Sodium	0.23%
Chloride	0.24%
Iron	98 ppm
Manganese	18 ppm
Zinc	61 ppm
Copper	4 ppm

*RUPD value derived using (DP value of 91.4% RUP from Mijou et al., 2010. JDS. 93:4144-4154.

RUP value was obtained via a 16 hr in vitro incubation.

**NDS PRO CNCPS 6.5 Feed Table, 48hr NDFD.

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

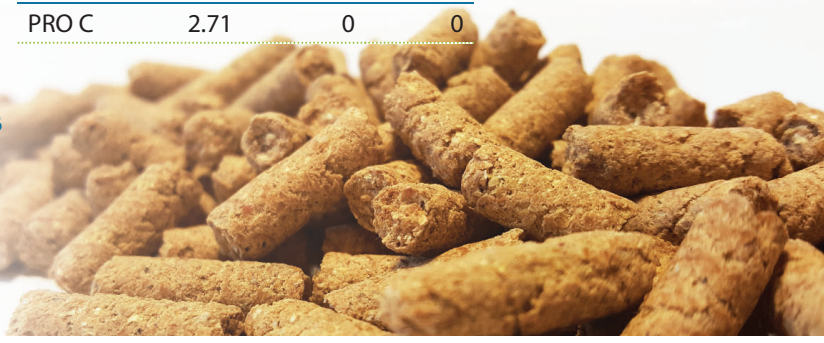
CARBOHYDRATES	DM
Crude Fiber	8.59%
ADF	15.80%
aNDF	35.60%
Lignin	4.70%
Sugar (WSC)	6.50%
Starch	3.70%
Soluble Fiber	11.03%
NFC	21.23%
TDN**	69.3%
NEL**	0.78 Mcal/lb
NEG**	0.54 Mcal/lb
ME**	1.21 Mcal/lb

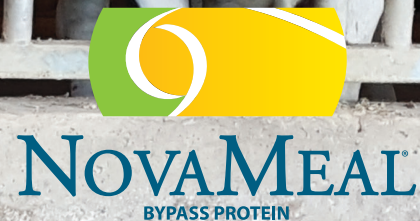
POOLS	%DM	RATE (%/H)	INT. DIG.
CHO A1	0	0	0
CHO A4	6.50	40.0	100
CHO B1	3.70	17.0	75
CHO B2	11.03	30.0	75
CHO B3	30.90	7.2	20
CHO C	4.70	0	0
PRO A1	0	200.0	100
PRO A2	7.04	10.4	100
PRO B1	21.54	3.1	100
PRO B2	2.71	5.0	80
PRO C	2.71	0	0



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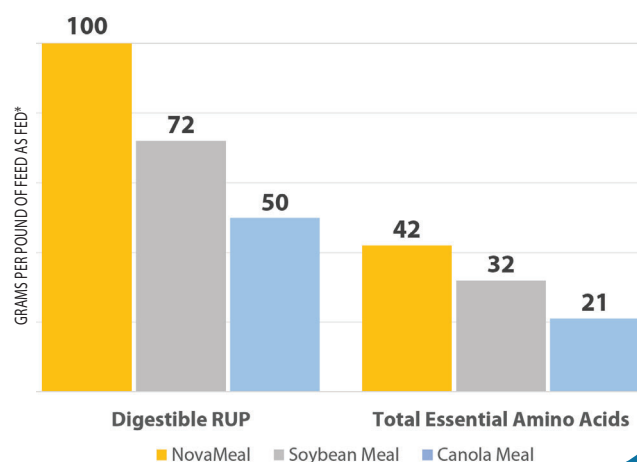


Quality, Nutrient-Dense Package

- ✓ 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 Digestible RUP & Essential Amino Acids

THAN OTHER PLANT PROTEINS



HIGH QUALITY PROTEIN & FIBER

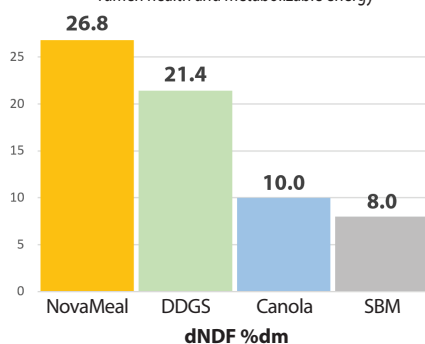
- High in Rumen Undegradable Protein (RUP)
- High RUP Digestibility (RUPD)
- High in Digestible Fiber
- Low in Unsaturated Fat

GREATER VALUE

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

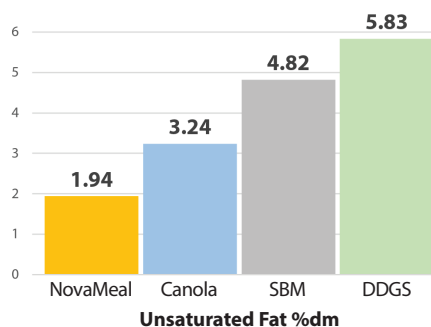
HIGHLY DIGESTIBLE FIBER**

High levels of digestible fiber improve rumen health and metabolizable energy



LOW UNSATURATED FAT**

Low unsaturated fat levels improve rumen fiber digestion & allow increased feeding rate inclusion



Sources: *Journal of Dairy Science 93:4144-4154, 81:454-461 for Canola Meal. **NDS PRO CNCPS 6.5 Feed Table, 48hr NDFD.



View Research & Resources at:
www.NovaMeal.com