



### 100% DRY MATTER BASIS

Moisture	10%
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### PROTEIN\*

Crude Protein, %DM	34.00
Soluble Protein, %CP	20.70
RDP, %CP	23.43
RUP, %CP	76.57
RUPD, %CP	59.13
dRUP, %DM	20.23
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 C/NCP'S 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
<b>Total EAA</b>	<b>14.52</b>	<b>42.39</b>

### 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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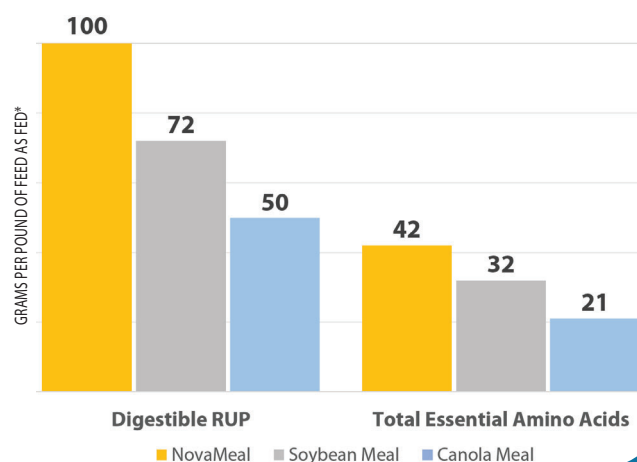


## Quality, Nutrient-Dense Package

- ✓ 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.

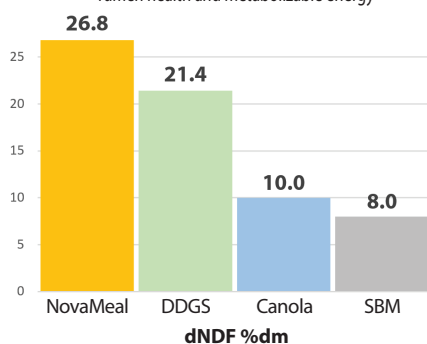
### More Digestible RUP & Essential Amino Acids

THAN OTHER PLANT PROTEINS



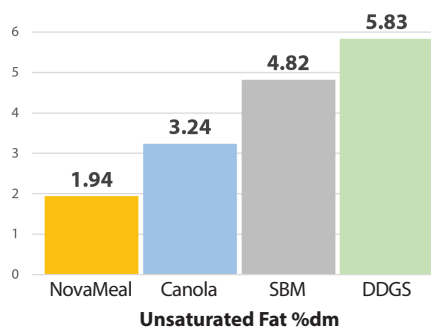
### HIGHLY DIGESTIBLE FIBER\*\*

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



### 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



View Research & Resources at:  
[www.NovaMeal.com](http://www.NovaMeal.com)

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