

Nutrient Composition of

SOYPLUS®

100% Dry Matter Basis.

Dry Matter	88.60%
Moisture	11.40%
Protein	
Crude Protein	46.60%
RUP (%CP)	60.00%
RDP (%CP)	40.00%
Soluble Protein (%CP)	11.00%
ADICP	1.13%
NDICP (w/sulfite, NRC)	5.53%
NDIP (w/o sulfite, CPM)	9.32%
NPN (% soluble protein)	65.00%
Amino Acids	%CP=%RUP (NRC)
Lysine (%RUP)	6.24%
Methionine (%RUP)	1.55%
Arginine (%RUP)	7.74%
Histidine (%RUP)	2.82%
Isoleucine (%RUP)	5.09%
Leucine (%RUP)	8.31%
Phenylalanine (%RUP)	5.54%
Threonine (%RUP)	4.18%
Tryptophan (%RUP)	1.27%
Valine (%RUP)	5.43%
Carbohydrates	
NDF (w/sulfite, NRC)	17.60%
NDF (w/o sulfite, CPM)	21.30%
ADF	10.70%
Lignin	0.40%
NFC (NRC Method)	22.10%
NFC (CPM Method)	27.80%
Sugar	12.84%
Starch	2.71%
peNDF (%NDF)	23.00%
Fat	
Crude Fat	6.54%
Energy Values (NRC)	
TDN – 1X	86.57%
Digestible Energy – 1X	4.27 Mcal/kg
Metabolizable Energy – 3X	1.56 Mcal/lb
Net Energy, Lactation – 3X	1.01 Mcal/lb
Net Energy, Gain – 3X 0.78	Mcal/lb
Net Energy, Maintenance – 3X	1.16 Mcal/lb
DCAD	+304 meq/kg

Minerals	
Calcium	0.31%
Phosphorus	0.68%
Magnesium	0.33%
Potassium	2.17%
Sodium	0.00%
Chlorine	0.09%
Sulfur	0.39%
Cobalt	0.00 ppm
Copper	15.43 ppm
Iodine	0.00 ppm
Iron	105 ppm
Manganese	31.14 ppm
Selenium	0.71 ppm
Zinc	45.86 ppm
Ash	7.20%

NRC Model	
Protein – A (%CP)	8.70%
Protein – B (%CP)	91.30%
Protein – C (%CP)	0.00%
Protein Digestion Rate (%/h)	2.4%
RUP Digestibility	93%

CPM Model		
ChoA2 (%/h) and Escape %	300 %	100%
ChoB1 (%/h) and Escape %	25 %	75%
ChoB2 (%/h) and Escape %	25 %	75%
ChoB3 (%/h) and Escape %	6 %	20%
Protein – A (%CP)		7.15
A (%/h) and % Intest Digest	10000%	100%
Protein – B1 (%CP)		3.85
B1 (%/h) and % Intest Digest	150 %	100%
Protein – B2		68.90
B2 (%/h) and % Intest Digest	3.35%	100%
Protein – B3		17.67
B3 (%/h) and % Intest Digest	0.18%	80%
Protein C (%CP)		2.43



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