



**SOY BEST™ "L"**  
with Rumen-Protected Lysine

## Nutrient Profile for Use with CNCPS and AMTS

Dry Matter	% as is	89.33
Crude Protein	% DM	48.82
Soluble Protein	% DM	4.92
Soluble Protein	% CP	10.09
NPN	% DM	2.57
NPN	% SP	52.19
ADIP	% DM	0.77
NDIP	% DM	8.20
ADF	% DM	6.90
NDF	% DM	19.06
peNDF	% DM	4.39
Lignin	% DM	0.93
Ash	% DM	6.27
Ether Extract	% DM	6.38
CHO A2 Sugar	% DM	10.42
CHO B1 Starch	% DM	0.81
Total Fatty Acid	% DM	5.80
C12:0	% DM	0.00
C14:0	% DM	0.01
C16:0	% DM	0.68
C16:1	% DM	0.01
C18:0	% DM	0.28
C18:1T	% DM	0.00
C18:1C	% DM	1.31
C18:2	% DM	2.97
C18:3	% DM	0.46
Other	% DM	0.07
Fat Type		1
Calcium	% DM	0.30
Phosphorus	% DM	0.63
Magnesium	% DM	0.29
Potassium	% DM	2.20
Sulfur	% DM	0.41
Sodium	% DM	0.01
Chloride	% DM	0.35
Iron	mg/kg DM	135.34
Zinc	mg/kg DM	62.26
Copper	mg/kg DM	13.92
Manganese	mg/kg DM	36.93
Selenium	mg/kg DM	0.10
Cobalt	mg/kg DM	0.00
Iodine	mg/kg DM	0.00

Methionine	% RUP	1.53
Lysine	% RUP	9.37
Arginine	% RUP	6.91
Threonine	% RUP	3.86
Leucine	% RUP	7.89
Isoleucine	% RUP	4.71
Valine	% RUP	5.02
Histidine	% RUP	2.60
Phenylalanine	% RUP	5.02
Tryptophan	% RUP	1.49
Vitamin E	IU/lb KG DM	27.07
Choline	% DM	0.09
Phosphatidyl-		
-Choline	% DM	0.67
-Ethanolamine	% DM	0.18
Estimated TDN	% DM	84.07
Estimated NE-L	Mcal/lb DM	0.95
§ Rumen undegraded protein	% CP	73.30

### Rumen Degradation Rates (Kd, %/hr)

CNCPS 6.1 and AMTS 3.3.11		
Prot A1	%/h	200.00
Prot A2	%/h	14.50
Prot B1	%/h	2.50
Prot B2	%/h	2.50

CHO A1	%/h	
CHO A2	%/h	7.00
CHO A3	%/h	5.00
CHO A4	%/h	40.00
CHO B1	%/h	25.00
CHO B2	%/h	25.00
CHO B3	%/h	6.00

§ As reported in the Journal of Dairy Science, 2005, Vol. 83, Supp. 1, Abstract 86, page 90

