



PRODUCT DATA SHEET

BYPASS SOY PROTEIN MP

Rumen-protected soybean protein



Natural protection

Primary Maillard reaction with inverted sugars



High intestinal digestibility



Maximises metabolizable protein

Product description

Bypass Soy Protein MP is a high-protein soybean product specifically developed for ruminants. Through a controlled primary Maillard reaction with inverted sugars, the soybean proteins are naturally protected, without the use of chemical additives. This process increases rumen stability while maintaining high intestinal digestibility, allowing amino acids and peptides to be efficiently absorbed and utilised for milk and body protein synthesis.

Bypass Soy Protein MP combines a high crude protein content with excellent amino acid availability, making it a valuable solution for high-performing dairy and beef rations.

Key benefits

- ✓ High rumen stability
- ✓ Excellent intestinal digestibility
- ✓ High content of metabolizable protein
- ✓ Rich in essential amino acids, especially lysine
- ✓ Natural production process, without chemical additives
- ✓ Supports efficient nitrogen utilisation and lower nitrogen excretion

Composition

Soybean meal, treated molasses

Feeding advice

According to the needs of the animals.

Shelf life

Several months when stored dry.

Chemical analysis (per kg)

Dry matter	887 g
Crude protein	458 g
Crude fat	23 g
Crude fibre	33 g
Crude ash	67 g
Starch (EW)	25 g
Sugar	102 g
NDF	321 g
ADF	193 g
ADL	16 g

Energy values

VEM	1025
VEVI	1101
E-Dairy	996
E-Beef	1022
ME	10.7 MJ

Protein evaluation

DVE91	448 g
OEB91	-18 g
WDVE	431 g
NXP	444.4 g
UDP	362.2 g

Additional values

FEB	8 g
FOSp	350 g
RFCH	80 g
MFCH	18 g
SFCH	58 g
TFCH	155 g
RFCP	20 g
MFCP	30 g
SFCP	26 g
GFRE	36 g
EFRE	26 g
WFRE	26 g
LFKH	58 g
WFKH	155 g
SFKH	80 g
GFKH	18 g
DvMet	5.9 g
DVLys	21.3 g
DEBs	354 meq
RBN	1.5 g

INRA values

MOF	305 g
PDIN	442 g
PDIE	454 g
BPR	-15 g
LysDI	19.2 g
MetDI	5.9 g

GfE values

ME	10.7 MJ
sidLys	21.3 g
sidP	380 g
sidMet	5.9 g
NXP	444.4 g
RBN	1.5 g

Minerals (per kg)

Calcium	2.9 g
Phosphorus	5.9 g
Sodium	0.1 g
Potassium	21.3 g
Chloride	0.1 g
Magnesium	2.9 g

Amino acids (per kg)

Lysine	22 g
Methionine	5.9 g
Histidine	11 g
sidLys	21.3 g
sidMet	5.9 g
sidP	380 g

CNCPS parameters

NDIP	56.99 % CP
ADIP	10.4 % CP
SCP	7.66 % DM
Prt-A1 kd	200 %/hr
Prt-A2 kd	9.8 %/hr
Prt-B1 kd	1.02 %/hr
Prt-B2 kd	1.02 %/hr
Prt-C kd	0 %/hr
dNDF 12 hr	16.59 % aNDFom
dNDF 72 hr	56.72 % aNDFom
dNDF 120 hr	64.36 % aNDFom
CHO-A1 kd	0 %/hr
CHO-A2 kd	7 %/hr
CHO-A3 kd	5 %/hr
CHO-A4 kd	40 %/hr
CHO-B1 kd	25 %/hr
CHO-B2 kd	5.6 %/hr
CHO-B3 kd	3.19 %/hr
CHO-C kd	0 %/hr