



CROPENTA

Smart Inputs. Stronger Results

100%
NATURAL



PRODUCT DATA SHEET

BYPASS RAPESEED MP

Rumen-protected rapeseed protein

Natural protection

Primary Maillard reaction

Intestinal digestibility

Metabolizable protein

Product description

Bypass Rapeseed MP is a treated rapeseed meal ingredient for ruminant rations. A controlled primary Maillard reaction with inverted sugars is used to reduce ruminal protein degradation while retaining digestibility in the small intestine. This helps deliver protein and amino acids beyond the rumen. Rapeseed provides an economical alternative in dairy and beef diets.

Key benefits

- Rumen-protected protein
- Intestinal digestibility maintained
- Economical protein alternative
- No chemical additives in processing

Composition

Rapeseed meal, treated molasses

Feeding advice

According to animal requirements

Shelf life

Several months, stored dry

Chemical analysis / kg

Dry matter	887 g
Crude protein	326 g
Crude fat	44 g
Crude fibre	89 g
Crude ash	80 g
Starch	27 g
Sugar	85 g
NDF	336 g
ADF	279 g
ADL	118 g

Energy values

VEM	888
VEVI	926
E-Dairy	807
E-Beef	785
ME	9.2 MJ

Protein evaluation

DVE91	276 g
OEB91	-13 g
WDVE	270 g
NXP	347 g
UDP	279 g

Minerals / kg

Calcium	7.2 g
Phosphorus	10.2 g
Sodium	0.3 g
Potassium	13 g
Chloride	0.3 g
Magnesium	4.3 g

Amino acids / kg

Lysine	15.3 g
Methionine	6.8 g
Histidine	8.6 g
sidLys	14.8 g
sidMet	5.7 g
sidP	257 g

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Additional values		INRA values		CNCPS parameters	
FEB	-4 g	MOF	333 g	NDIP	42.2 % CP
FOSp	319 g	PDIN	282 g	ADIP	8.16 % CP
RFCH / SFKH	101 g	PDIE	293 g	SCP	6.37 % DM
MFCH / GFKH	56 g	BPR	-13 g	Prt-A1 kd	200 %/hr
SFCH / LFKH	56 g	LysDI	13.1 g	Prt-A2 kd	9.70 %/hr
TFCH / WFKH	214 g	MetDI	4.9 g	Prt-B1 kd	1.41 %/hr
RFCP / SFRE	14 g			Prt-B2 kd	1.41 %/hr
MFCP / GFRE	28 g			Prt-C kd	0 %/hr
SFCP / LFRE	22 g			dNDF 12 hr	22.92 % aNDFom
TFCP / WFRE	64 g			dNDF 72 hr	49.97 % aNDFom
DvMet	6.1 g			dNDF 120 hr	53.06 % aNDFom
DVLys	13.3 g			CHO-A1 kd	0 %/hr
DEBs	92 meq			CHO-A2 kd	7 %/hr
RBN	0.3 g			CHO-A3 kd	5 %/hr
				CHO-A4 kd	40 %/hr
				CHO-B1 kd	25 %/hr
				CHO-B2 kd	4.2 %/hr
				CHO-B3 kd	4.77 %/hr
				CHO-C kd	0 %/hr

Product information

Indicative nutritional values. Actual composition may vary between batches.
Use according to ration requirements and applicable product specifications.