

YORKSHIRE FEEDSTUFFS LTD

Lindsay House, 15-17 Springfield Way, Anlaby, Hull, HU10 6RJ

Tel: 01405 764447

e-mail: enquiries@yorkshirefeedstuffs.co.uk

ProtoTec - Product Information Sheet

Description

A Rapemeal based protein product providing similar levels of rumen bypass protein to hipro soya bean meal - a cost effective alternative.

Catalogue of Feed Materials Category

Oil Seeds, Oil Fruits, and products derived thereof.

Nutritional Benefit & Production

Rapemeal has a high quality protein content and amino acid composition making it a respected protein source. Using a unique process, rape seed meal is subjected to gentle heat, as steam, under precise temperature and pressure conditions. During the production of ProtoTec careful process control procedures ensure that the proteins become highly rumen undegradable whilst retaining high intestinal digestibility similar to untreated rape meal. This process also decreases the level of anti-nutritional factors.

Features

- Increase in milk and meat yield.
- Allows the cow to meet the demands for DUP whilst giving the animal maximum efficiency.
- Reduced feed cost
- Reduces the need to feed large quantities of proteins, while still giving the animal the balance of protein to enhance overall performance.
- A cost effective alternative to Soya Bean Meal
- Aids in balancing the overall ration with less expensive protein sources helping to reduce the overall cost of the daily ration.
- Easy to store, free flowing dry meal.
- Brown / black meal with yellow flecks.

Feed Assurance

Assured under a feed supplier scheme currently recognised by AIC.



YORKSHIRE FEEDSTUFFS LTD

Lindsay House, 15-17 Springfield Way, Anlaby, Hull, HU10 6RJ

Tel: 01405 764447

e-mail: enquiries@yorkshirefeedstuffs.co.uk

Typical Analysis (DM Basis)

Dry Matter	ME	Crude Protein	Oil	NDF	Starch	Sugar	DUP
88%	12.2MJ/kg	38%	3%	30%	6%	8%	16.5%

To benefit from the above response the overall diet needs to be balanced nutritionally, so that no dietary or welfare components are limiting the overall performance of the animal.

Typical full spec Analysis

Dry Matter	88%	Calcium	6.80g/kg
Oil A	1.5%	Magnesium	6.0 g/kg
Oil B	2.5%	Phosphorus	10.3g/kg
Crude protein	33.5% (Fresh)	Potassium	13 g/kg
Crude Protein	38.0 (DM)	Salt	0.90g/kg
Fibre	12%	Sodium	0.70 g/kg
Ash	7.5%	Copper	6.9 mg/kg
ME	12.2 (MJ/Kg DM)	Manganese	56.0mg/kg
NDF	26.7%	Selenium	0.09mg/kg
Starch	6.0%	Zinc	59.0mg/kg
Sugar	8%	Saturates	6.0 % of oil
DUP	16.5%	Monounsaturates	68.0% of oil
DUP digestibility	60%	PUFAs	26.0% of oil
sDM	0.1	Long Chain PUFAs	0.00 of oil
aDM	0.025	Lysine	5.40% of CP
bDM	0.60	Methionine	1.95% of CP
cDM	0.09	Cysteine	2.39% of CP
sN	0.09	Histidine	2.65% of CP
aN	0.14	Threonine	4.19% of CP
bN	0.75		
cN	0.06		

Statutory Declaration (to be shown on the feed label or accompanying document)

Protein



YORKSHIRE FEEDSTUFFS LTD

Lindsay House, 15-17 Springfield Way, Anlaby, Hull, HU10 6RJ

Tel: 01405 764447

e-mail: enquiries@yorkshirefeedstuffs.co.uk

Feeding Rates per day (per head)

ProtoTec can be used to feed as part of a TMR ration or part of a blend or compound feed;

Lactating Dairy Cows	Up to 3kg
Dry Cows	Up to 1.5 kg
Growing Dairy Replacements	Up to 2 kg or up to 25% of the DMI
Calves (to 12 weeks of age)	0.75kg or up to 20% of DMI
Finishing Cattle	Up to 3 kg or up to 30% of DMI
Growing Cattle	Up to 2 kg or up to 25% of the DMI
Suckler Cows	Up to 2 kg
Ewes and Rams	Up to 0.5 kg
Hoggets & Lambs	Up to 0.5 kg

DMI = dry matter intake

Legal disclaimer

Suggested feeding rates are given as a guide only with no performance guarantee given. Rations should be formulated by a trained nutritionist balancing forage, energy & protein.

Material Handling and Storage

Material has been stored in compliance with Defra Code of Practice for the Control of Salmonella.

Other Requirements

As per GAFTA 109 contract
Complies with relevant EU and UK legislation

Risk Category (Including Salmonella)

Low

Updated 01/05/2021 RP

