

# Butterfat Extra™



## - Rumen protected Palm fatty acids



A rumen protected fat extremely rich in energy and C16 fatty acids, to boost milk production and milk fat content.

### Typical analysis\* (on a dry matter basis)

Dry matter (%)	Energy (MJ ME/kg DM)	Crude protein (%)	Protected Fat (%)	C16 Fatty Acids (%)	C18 Fatty Acids (%)
100.0	38.0	0.0	100.0	>85.0	8.0

### What are you trying to achieve?

Need	Feature	Benefit
Increase milk fat %	A rich source of C16 fatty acids.	Provides the building blocks for milk fat synthesis, increasing value per litre.
Increase milk yield	An extremely high content of rumen protected, highly digestible energy.	Allows the energy density of the diet to be increased for high-performing stock without impairing rumen function. Additional energy can be partitioned for milk production.
Ready to feed, easy storage	Dry, free flowing, mini prills or flakes.	Easily incorporated into the diet.

The predicted responses (benefits) assume that the specified nutrient, physical or structural dietary components are limiting livestock performance in the current ration.

### Complementary Concentrate Feeds

- **Rumen protected protein feeds** e.g. SoyPass, NovaPro
- **High protein feeds** e.g. Soya bean meal, rapeseed meal, wheat distillers



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## Recommended daily feed rates (per head basis)

Butterfat Extra can be fed as part of a TMR, top dressed or as part of a blend.

Milking and Dry Cows	0.25 – 0.75 kg (depending on performance, cow condition and stage of lactation)
Ewes and goats	Up to 0.1 kg (for multiple bearing and lactating ewes and goats)

Experience has shown improved returns when used in the first 150 days of lactation for high yielding cows or in the diets of prolific milking and breeding ewes and goats. For best results consider feeding in conjunction with a rumen-protected protein source, such as SoyPass or NovaPro.

Up to 5% Butterfat Extra is recommended in manufactured complementary feeds. It is best to slowly introduce Butterfat Extra to the ration over a period of 3-4 days and it should be mixed with other feed materials before feeding.

## Availability, handling and storage

Butterfat Extra is available all year round and can be delivered direct to farm in 25kg or 600kg bags or in pallet multiples of 1.2 tonnes. The minimum order quantity is one pallet delivered (1.2 tonnes). In order to keep Butterfat Extra in the best possible condition, it should be stored in dry, well-ventilated buildings. Whilst the product will not heat of its own accord, care should be taken to keep it out of direct sunlight and at a maximum warehouse temperature of 35°C. Pallets should not be stacked more than two high and there should be a gap between the pallets to allow for air circulation. If very hot conditions (over 35°C) should persist, it is advisable to remove the shrink-wrapping and the pallets should be broken down.

Butterfat Extra should be used within 15 months of the product manufacture date, which is declared on each bag.

## Additional information

### Method of production

Butterfat Extra is a rumen protected fat produced from specific and selected fatty acids from palm oil, manufactured to high quality standards.

### Quality Assurance

Butterfat Extra is a FEMAS assured (or a recognised equivalent) product. Butterfat Extra (rumen protected palm fatty acids) is listed under number 13.6.1 in the EU Catalogue of Feed Materials.

### Legal disclaimer

Suggested feeding rates are produced as a guide only and many other factors may have an overriding effect on animal response; no performance guarantee can be given. Rations should be carefully balanced for energy and protein, contain sufficient forage to maintain rumen function and be fortified with an appropriate vitamin and mineral supplement. Animals must have constant access to clean water.



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### Detailed Typical Analysis (fresh basis other than where stated)

Dry matter	%	99.7	Calcium	g/kg	0.00
Oil A	%	99.7	Magnesium	g/kg	0.00
Oil B	%	99.7	Phosphorus	g/kg	0.00
Crude protein	%	0.00	Potassium	g/kg	0.00
Fibre	%	0.00	Salt	g/kg	0.00
Ash	%	0.00	Sodium	g/kg	0.00
ME* – <i>in vivo</i>	MJ/kg DM	38.0	Copper	mg/kg	0.00
NDF	%	0.00	Manganese	mg/kg	0.00
Starch	%	0.00	Selenium	mg/kg	0.00
Sugar	%	0.00	Zinc	mg/kg	0.00
ERDP-FiM*	% @ 6%	0.00	Saturates	% of oil	90.0
DUP-FiM*	% @ 6%	0.00	Monounsaturates	% of oil	8.00
DUP digestibility	%	0.00	PUFAs	% of oil	2.00
sDM		0.00	Long chain PUFAs	% of oil	0.00
aDM		0.00	C16 FA	% of oil	>85.0
bDM		0.00	C18 FA	% of oil	8.00
cDM		0.00	Lysine	% of CP	0.00
sN		0.00	Methionine	% of CP	0.00
aN		0.00	Cysteine	% of CP	0.00
bN		0.00	Histidine	% of CP	0.00
cN		0.00	Threonine	% of CP	0.00