Megalac®

- Calcium salts of fatty acids

Rumen-protected fat from calcium salts designed to boost milk yield, increase milk fat and improve body condition.

Typical Analysis (on a dry matter basis)

Dry matter (%)	Energy (MJ ME/kg DM)	Crude protein (%)	DUP (%)	Protected Fat (%)	C16 Fatty Acids (%)	C18 Fatty Acids (%)
95.0	33.0	0.0	0.0	84.0	48.0	50.0

What are you trying to achieve?

Need	Feature	Benefit
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 and improved fertility.
Increase Energy Intakes		
Improve body condition		
Ready to feed, easy storage	Dry, free flowing, granular product.	Simplifies feeding.

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.

0845 355 9935
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Recommended daily feed rates (per head basis)

Megalac can be fed as part of a TMR or incorporated into a blend.

Dairy and Beef Cows	0.25 – 0.75 kg (depending on performance
Ewes and goats	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 consideration should be given to feeding a complementary rumen-protected protein, e.g. SoyPass or NovaPro.

Megalac is best introduced to the ration over a period of a few days and it should be well mixed with other feed materials before feeding.

Availability, handling and storage

Megalac is available all year round and can be delivered direct to farm in 25 kg, 600kg or 1.05T bags or in bulk. The minimum order quantity is one pallet delivered (1.2 tonnes). Meglac does not freeze or melt, and has a 12-month shelf life from the date of manufacture, which is displayed on the bag. In order to keep Megalac in the best possible condition, it should be stored in dry, well ventilated buildings. Pallets should not be stacked more than two high and there should be a gap between the pallets to allow for air circulation.

Additional information

Method of production

Megalac is a calcium salt of palm fatty acids, manufactured by Volac Ltd to high quality standards.

Quality Assurance

Megalac is a FEMAS assured (or a recognised equivalent) product and is marketed by KW Alternative Feeds a UFAS-accredited merchant. Megalac (Calcium salts of fatty acids) is listed under number 13.6.4 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	%	95.0	Calcium	g/kg	87.0
Oil A	%	0.00	Magnesium	g/kg	0.00
Oil B	%	84.0	Phosphorus	g/kg	0.00
Crude protein	%	0.00	Potassium	g/kg	0.00
Crude protein: DM	%	0.00	Salt	g/kg	0.00
Fibre	%	0.00	Sodium	g/kg	0.00
Ash	%	12.5	Copper	mg/kg	0.00
ME* – *in vivo*	MJ/kg DM	33.0	Manganese	mg/kg	0.00
NDF	%	0.00	Selenium	mg/kg	0.00
Starch	%	0.00	Zinc	mg/kg	0.00
Sugar	%	0.00	Saturates	% of oil	56.0
ERDP-FiM*	% @ 6%	0.00	Monounsaturates	% of oil	35.0
DUP-FiM*	% @ 6%	0.00	PUFAs	% of oil	9.00
DUP digestibility	%	0.00	Long chain PUFAs	% of oil	0.00
sDM		0.00	C16 FA	% of oil	48.0
aDM		0.00	C18 FA	% of oil	50.0
bDM		0.00	Lysine	% of CP	0.00
cDM		0.00	Methionine	% of CP	0.00
sN		0.00	Cysteine	% of CP	0.00
aN		0.00	Histidine	% of CP	0.00
bN		0.00	Threonine	% of CP	0.00
cN		0.00			