

MEGALAC®

Rumen-protected fat



Rumen-protected fat from calcium salts designed to boost milk yield and improve fertility.

Typical Analysis

Dry matter (%)	Energy (MJ /kg DM)	Fat (%)	C16.0	C18.0	C18.1	C18.2
95.0	33.3	84.0	48.0	5.0	36.0	9.0

What are you trying to achieve?

Need	Feature	Benefit
Increase energy Intakes	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 milk yield		
Improves fertility		
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, distillers.

Recommended daily feed rates (g/head/day)

Megalac ® should always be mixed with other ingredients and can be included as part of a total mixed ration, compound feed or blend.

Dairy Cows	400 – 800
Dry Cows	125
Beef Cattle	150 - 500
Ewes and Goats	50 - 100

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. For more specific recommendations please consult your nutritionist

Availability, handling and storage

Megalac ® is available all year round and can be delivered direct to farm in 25 kg bags, mini-bulk bags or in true bulk. Megalac ® 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 International Ltd to high-quality standards.

Quality Assurance

Megalac ® is a FEMAS assured (or a recognised equivalent) product and is marketed by Trident 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.

Sustainability

The global population is forecast to rise to 10 billion by 2050 and feeding everyone using finite land and resources is a very real global food production challenge. Compared to other oil crops like soya or rapeseed, palm trees produce by far the most oil per unit of land and per unit of input. Volac Wilmar believe that palm fats will play an increasingly vital role in sustainable and productive livestock nutrition in the future and it has an aspiration to set the agenda for sustainable and ethical sourcing by following these principles:

1. Certification - VWFI is a member of the Roundtable on Sustainable Palm Oil (RSPO) and can offer RSPO-certified products on request.
2. Policy – Produced from palm oil that adheres to the following principles - no deforestation, peat development or social exploitation (ref: www.wilmar-international.com/sustainability)
3. Transparency – full traceability back to mill (ref: www.wilmar-international.com/sustainability/supply-chain-map)

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	90.0
Oil B	%	84.0	C16.0	% of oil	48.0
Ash	%	12.5	C18.0	% of oil	5.00
ME	MJ/kg DM	33.3	C18.1	% of oil	36.0
Crude protein; DM	%	0.00	C18.2	% of oil	9.00