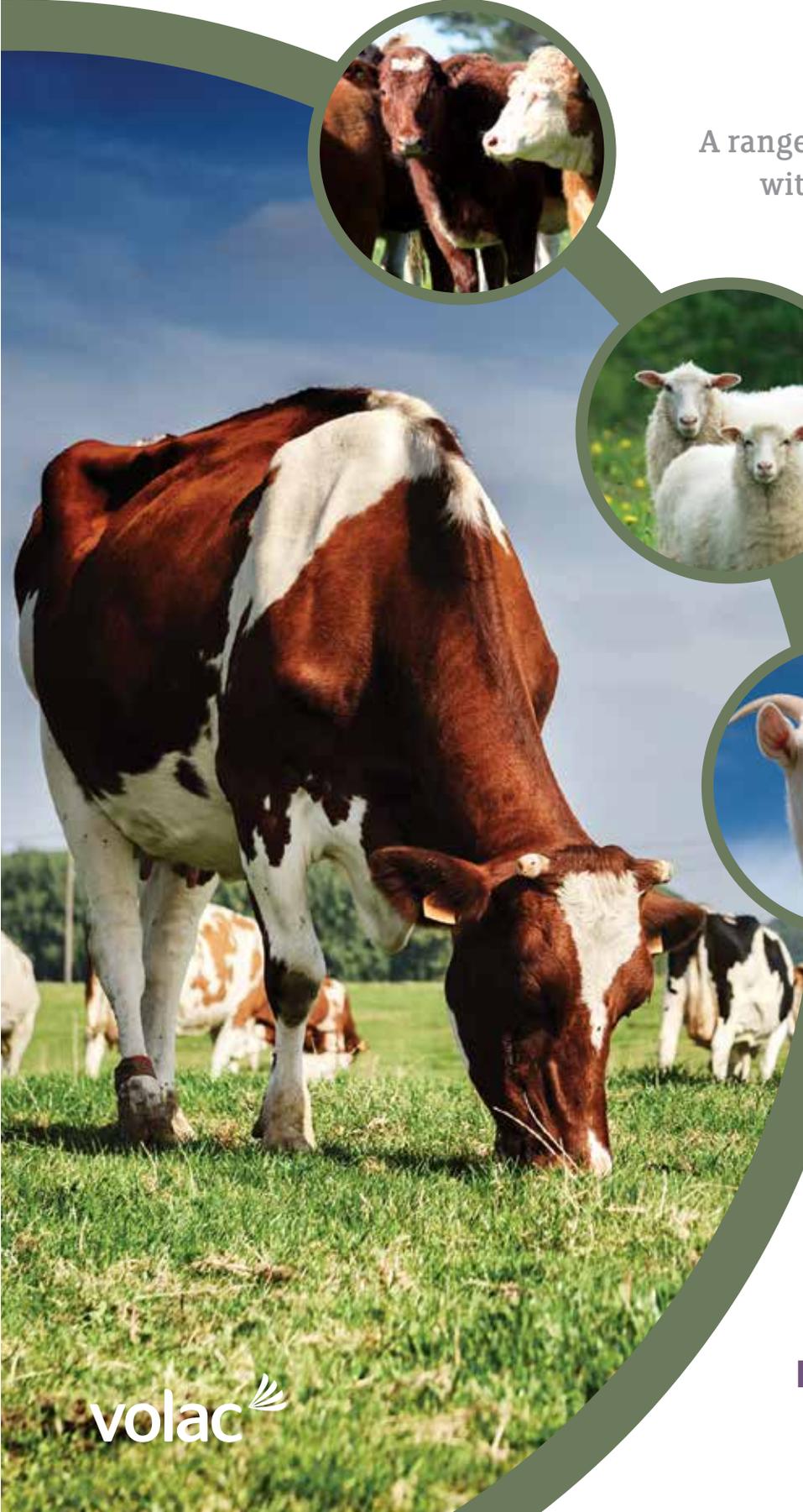




MEGALAC PLUS **MEGA-PRO** **MEGA-FLAX**

A range of fat supplements formulated with Megalac in combination with other nutrients



MEGALAC PLUS
MEGA-PRO MEGA-FLAX

Megalac-based fat supplements

Megalac-based fat supplements

Megalac Plus, Mega-Pro and Mega-Flax are a range of fat supplements manufactured from Megalac in combination with other nutrient sources to meet specific nutritional targets.

What is Megalac?

Megalac is a high-energy rumen-protected fat proven to improve milk yield and fertility in dairy cows.

This range of Megalac-based supplements offer an extension of these benefits to include methionine and rumen-bypass protein, essential nutrients for optimal milk production, or omega-3 fatty acids which are an essential component of an animal's diet for normal function and improving cow fertility. The products have the benefit of supplying two essential nutrient sources in a single bag, increasing convenience at farm level.



General benefits

- **Great sources of fat** – one of the essential nutrients for herd productivity and animal performance.
- **The right kind of fat** – rumen-protected fat, so avoids disruption to fibre digestion as can happen with liquid oils or high-fat ingredients added to the ration.
- **More energy per bite** – fat supplements increase the energy in every kg of feed, helping cows meet their energy requirements even when intakes are low.
- **Energy without acid** – fat is not fermented so does not add to the acid load in the rumen as is the case with starch-based energy sources such as cereals. This allows energy in the diet to be increased without increasing risk of acidosis and compromising herd health.
- **Fertility** – fat increases production of the pregnancy hormone progesterone.
- **Energy across species** – suitable supplements for a range of ruminant animals.



	 Megalac Plus	 Mega-Pro	 Mega-Flax
Megalac in combination with :	Rumen-protected methionine source	Rumen-bypass protein	Omega-3 fatty acids
Fat (%)	80.5	30	50
Protein (%)	-	23 (70% bypass)	15
Methionine (%)	3	-	-
Fibre (%)	-	11	7.5
Calcium (%)	9	4.5	5
Moisture (%)	5	7	4
ME (MJ/kg DM)	32.3	19	23

Typical fatty acid profile (% total fatty acids)

C16:0	48	48	26
C18:0	5	5	3.7
C18:1	36	36	26
C18:2	9	9	12
C18:3	-	-	32
Others	2	2	0.3

Additional target above Megalac	Milk composition	Milk solids	Fertility
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Key features	Methionine is essential for milk protein production and also plays an essential role in preventing the build-up of fat in the liver and increasing supply for milk fat production.	Rumen-bypass protein is needed to balance the energy from fat to promote maximum milk production. Also contains the essential amino acids, methionine and lysine, in ideal balance for milk protein production.	Omega-3 fatty acids are essential in the diet and play a key role in improving embryo survival and maintaining pregnancy.
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How to feed

Products should be mixed with other ingredients in the diet and can be included as part of a total mixed ration or blend.

Typical feed rates (g/head/day)*

Species	Megalac Plus 	Mega-Pro 	Mega-Flax 
Lactating dairy cows	400-800	1000-1500	500-1500
Beef cattle	-	200-750	250-750
Sheep and goats	50-100	150-300	100-200

* For more specific recommendations consult with a nutritionist

Product description and packaging

	Megalac Plus 	Mega-Pro 	Mega-Flax 
Appearance	Granules	Dark-coloured coarse meal	Dark-coloured coarse meal
			
Packaging	48 x 25 kg bags per pallet (1.2 MT)	48 x 25 kg bags per pallet (1.2 MT) and mini-bulk bags	48 x 25 kg bags per pallet (1.2 MT) and mini-bulk bags



For further information:
 Volac Wilmar Feed Ingredients Ltd, 50 Fishers Lane, Orwell, Royston, Hertfordshire, SG8 5QX, UK
 Phone | +44 (0) 1223 208021 Email | enquiries@volacwilmar.com Web | www.megalac.com



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Experts in fat nutrition