

NUTRITION GUIDE

Megalac vs '50%' fats

Many dairy farmers use fat supplements as an energy source to improve milk yield, fertility and herd performance. But does it matter which fat supplement you choose to use?

Not all fats are equal

There are lots of fat supplements on the market. Some are scientifically proven to improve animal performance. Others claim to improve performance, but lack proper research to support this. To show just how big the difference between fats can be, two of them were compared in an independent scientific trial.

The fats



MEGALAC vs '50%' FAT PRODUCT

Megalac

Offered at
400 g/cow/day



'50%' fat product

Offered at
530 g/cow/day*

* equivalent to energy supplied from 400 g of Megalac based on manufacturer's data

The cows

Eighteen early-mid lactation Holstein-Friesian dairy cows at Crichton Royal farm (Scotland's Rural College; SRUC)



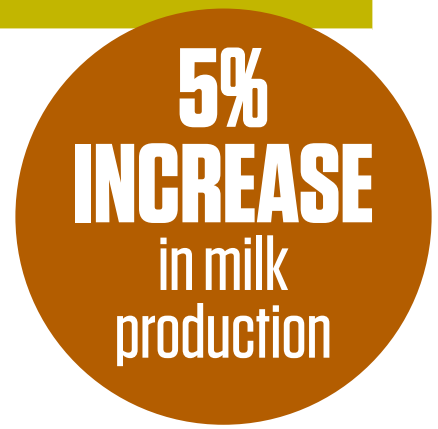
The results

	Megalac	'50%' Fat product	Difference - Megalac cows
DM intake (kg/day)	20.0	19.1	0.9 kg higher DM intake
Milk yield (kg/day)	33.7	32.1	1.6 litres more per day
Milk fat yield (kg/day)	1.30	1.20	Over 8% more milk fat produced per day
Live weight (kg)	629	621	8 kg higher live weight

Why do Megalac cows perform better?

Megalac is a rumen-protected fat. This means it passes through the rumen for digestion in the small intestine, avoiding the negative effects on fibre digestion associated with liquid oils and high-oil ingredients in the ration.

The cow uses the energy in Megalac for milk production and performance. In fact, no other feed ingredient is proven to provide more energy for milk production than Megalac.



THE CONCLUSION

In the trial of Megalac vs '50%' fat supplement,
Megalac wins.



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Experts in fat nutrition

MEGALAC[®]
 More milk, better fertility