

Regumaize 44



A very high protein from regulated release urea, Regumaize 44 provides a good source of palatable sugar based energy and rumen degradable protein.

Typical Analysis (on a dry matter basis)

Dry matter (%)	Energy (MJ ME/kg DM)	Crude protein (%)	Oil (%)	NDF (%)	Starch (%)	Sugar (%)	DUP (%)
69.0	11.8	44.0	0.2	0.0	0.0	55.0	0.0

What are you trying to achieve?

Need	Feature	Benefit
Drive intake	Palatable liquid.	Masks less palatable feed ingredients. Stimulates total feed intake, including home produced feeds, thus lowering feed costs.
Provide cost effective rumen degradable protein	Slow release urea technology.	Save feed costs and exploit more home grown forages and feeds.
Increase milk yield	An excellent source of fermentable energy and protein.	Specifically designed to complement low protein forages such as maize and whole crop silage.
Reduce feed costs		Cost effective alternative to feeding straights.
Reduce ration sorting and minimise dust	A binding liquid.	Livestock consume a more balanced ration, reducing the risk of acidosis and improving feed efficiency. Less dust reduces feed waste, improves the working environment and feed intakes.
No processing, ready to feed, easy storage	A free flowing liquid.	Easy to store and convey.

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

- **High starch feeds** e.g. cereals, maize meals, confectionery and bakery products.
- **Low protein feeds** e.g. cereals, sugar beet feed.



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- **Rumen bypass proteins** e.g. NovaPro, SoyPass

Recommended daily feed rates (per head basis)

Regumaize 44 can be fed as part of a TMR, within a blend or as a straight liquid by pouring onto other feeds or via ball feeders.

DMI = dry matter intake

Milking Cows	Up to 2 (typically 1.3)kg
Dry Cows	Up to 1 kg
Replacement Heifers	Up to 1 kg and up to 10% of the DMI
Calves (to 12 weeks)	Not recommended
Growing Cattle	Up to 1 kg and up to 10% of the DMI
Finishing Cattle	Up to 2 kg and up to 15% of the DMI
Suckler Cows	Up to 2 (typically 1.3)kg

Availability, handling and storage

Regumaize 44 is delivered in bulk tankers with discounts available for 15, 20 and 25t loads. It is available UK wide, all year around.

Regumaize 44 has a specific gravity of 1.35kg/litre or a density of 740 litres per tonne.

Tanks should be built to hold and dispatch bulk liquids. They should be well maintained and cleaned out regularly to prevent the build-up of sediment. A 4-inch diameter pipe work is adequate to handle Regumaize 44. Regumaize 44 should be used within 3 months of delivery.

Additional information

Method of production

Regumaize 44 is a blend of Cane Molasses from sugar production and urea. The liquid is produced using a 'regulated release technology' to ensure the slow release of its nitrogen content coincides with energy availability.

Quality Assurance

Regumaize 44 is a FEMAS assured (or a recognised equivalent) product and is marketed by KW Alternative Feeds a UFAS-accredited merchant.

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	%	69.0	Starch	%	0.00
Oil A	%	0.15	Sugar	%	38.0
Oil B	%	0.15			
Crude protein	%	30.4			
Crude protein: DM	%	44.0			
Fibre	%	0.00			
Ash	%	7.20			
ME* – <i>in vivo</i>	MJ/kg DM	11.8			
NDF	%	0.00			