

## REGUMAIZE

### A REGULATED RELEASE FEED

High performance protein supplementation for maize, whole crop silage, low protein grass silage and straw-based diets.



#### Key benefits

- Excellent source of Effective Rumen Degradable Protein (ERDP) and Fermentable Metabolisable Energy (FME)
- Higher dry matter intakes and increased forage utilisation
- Better dietary protein balance
- Improved animal performance and health
- High nutrient density and good value for money

Regumaize 44 and Regumaize 65 are both highly palatable, molasses based liquid feeds, rich in protein (ERDP) and sugars and designed to get the most from maize, whole crop silage and straw. Proven in university and on farm trials.<sup>1</sup>

Regumaize's high nutrient density means that high levels of animal performance can be supported at a sensible cost.

#### TYPICAL DRY MATTER ANALYSIS

	Regumaize 44	Regumaize 65
Dry matter (%)	69	67
Total sugars (%)	55	50
Crude protein (%)	44	65
ME (MJ/kg DM)	11.8	11.4

Original and best - a proven regulated release feed

## REGUMAIZE

#### What it can do for you

- Improve the utilisation of maize, whole crop silage and straw-based diets
- Improve overall palatability and intakes
- Provide highly effective protein and energy supplementation at a sensible cost
- Simplify feeding and save you time
- Correct ERDP deficiencies in diets
- Improve balance of energy sources in diets

While grass silage is usually about 14% crude protein, most of which is readily degradable in the cow's rumen, maize silage averages only about 9% protein, but it provides high levels of starch which can enhance milk protein levels.

To enable the full nutritional potential of maize to be realised, use Regumaize to provide readily fermentable energy in the form of sugars. These kick-start rumen fermentation, promote forage digestion and balance high starch levels with readily degradable proteins using Regulated Release technology.

#### Regumaize - 44 or 65?

The original Regumaize 44 is designed for rations which require a boost in both protein and energy. The more protein-rich Regumaize 65 is designed for diets in which protein levels need an extra boost.

<sup>1</sup> R.H Phipps , A.K Jones and P. Holder. 1999. The effect of two liquid feed additives on feed intake and milk production in lactating dairy cattle.

#### About Regulated Release

This unique, patented process, developed by ED&F Man Liquid Products, is designed to give rumen bacteria exactly what they need to thrive - a balanced and synchronised supply of energy and protein, leading to increased microbial protein production and better animal performance.

- Excellent source of fermentable energy and nitrogen to ensure efficient microbial protein production
- Harnesses the benefits of urea as an excellent and cost-effective protein source
- Improves palatability and intakes, and promotes efficient forage digestion
- Improving ruminant performance at the same time as cutting feed costs

#### How to use Regumaize

Regumaize can be stored and handled as easily as conventional molasses blends, and provides similar benefits in terms of feed texture, dry matter intakes and palatability.

Typical feeding rate is 2kg/head/day for Regumaize 44 and for the protein-dense Regumaize 65, up to 2kg/head/day.

#### Fresh-Guard - preserving the value of your TMR

Regumaize 44 and Regumaize 65 are available with a Freshguard option.

#### Delivery size options: 5mt to 29mt

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