

Molasses Tanks... The easy way to feed

ED&F Man offer a cost-effective **Tank Finance Scheme** on new tanks for those who want to take advantage of the many benefits of molasses based liquid feeds. The Tank Finance Scheme allows you to buy a new tank at cost price with no upfront costs and paid for in manageable, interest free, monthly payments spread over a period of up to 2 years. The benefits of investing in a bulk tank include:

- Safe convenient storage
- Easy and accurate to use
- Cost advantages of 'bulk buying'
- Overcomes all 'on farm' storage concerns and frees up dry storage areas
- Makes liquid molasses products the easiest to use on the farm
- Simple to use, no complicated pumps or electrics required
- Eases handling and eliminates drums and IBC's



Delivery size options: 1 to 29mt

**ED&F
MAN**
EST. 1783

Liquid
Products

Regumaize, Regupro & Regumix

High performance protein
liquid feed supplementation



**ED&F
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EST. 1783

Liquid
Products

Your local Commercial Manager:

Richard Dobson 07764 344716

Angela Sutherby 07957 642669

Danielle Goatley 07710 075824

Georgina Chapman 07485 192774
Nutritionist | Technical Support Manager

Freephone 0800 3898450

www.edfmanliquidproductsuk.com

@EDFMan_Molasses



Jan 2022



Key Benefits

- Excellent source of Effective Rumen Degradable Protein (ERDP)
- Research proven protein technology to improve overall protein efficiency on farm
- Improved dry matter intakes and increased forage utilisation
- A range of protein, sugar and energy options to fit all rations
- High nutrient density promoting optimal dietary protein balance
- Cost effective alternative to other dry feeds

Typical Dry Matter Analysis

	Regumaize 44	Regumaize 65	Regumix	Regupro 38	Regupro 50
Dry Matter (%)	69	67	67	60	60
Total Sugars (%)	55	50	53	30	42
Crude Protein (%)	44	65	27	38	50
ME (MJ/kg DM)	11.8	11.4	13.1	12.5	12.6

How does it work?

Regulated Release is a research proven source of rumen degradable protein based on urea and sugar. Independent trials have shown this blend of high sugar and **Regulated Release** protein helps improve nitrogen efficiency, animal performance and health. With Regulated Release, the breakdown of the urea is much more controlled and similar to that of natural protein rather than conventional feed grade urea.

Cane molasses in combination with **Regulated Release** provides a synchronous release of energy and protein to allow for greater rumen efficiency. The table below summarises independent research showing that the addition of sugar to the ration increases microbial protein production and reduces excess ammonia levels in the rumen.

	Silage	Starch	Sugar
Ammonia in the rumen	255	213	157
Microbial protein synthesis (g/day)	64	74	93

What it can do for you

- Improve the performance and correct protein deficiencies of rations
- Enhance overall diet palatability and drive intakes
- Promote efficient forage digestion and reduce feed waste
- Simplify feeding and save you time

Highly palatable molasses based liquid feeds that are rich in protein (ERDP) and sugars designed to get the most from the ration. Regulated Release has been proven in university trials to improve nitrogen efficiency. With more dietary protein being utilised this supports improved animal

performance and reduces environmental impact of nitrogen pollution. Research has found that 2kg of Regumaize 44 can replace up to 1.6kg of a conventional protein source such as rape:soya in a ration. Find out more about how to use a Regulated Release blend in your ration by reading our **High Protein Liquid Feed Checklist**.

When to feed and How to Use

Regumaize 44 and 65: To enhance sugar levels where maize or whole crop cereal silage are being fed at over 50% of the total forage ration

Regumix: Balancing buffer feeds for grazing animals, replacing a proportion of other 18% protein feeds for all species.

Regupro 38 and 50: When sugar is not as limiting in the diet, if sugar beet pulp or fodder beet are being fed, but where lower protein ingredients are being fed alongside grass silage.

All Regulated Release protein blends can be stored and handled as easily as conventional molasses blends - and provides similar benefits in terms of feed texture and palatability. It is easy to use in a range of feeding systems - from TMR wagons to simply layering onto forages along feed passages or in troughs.

Typical feeding rate for cows is 2kg/ head/day, so a 10-tonne delivery, stored conveniently in a bulk tank, will support 100 cows for 50 days.

Fresh-Guard

Fresh-Guard is a cost effective ration conditioner that prevents TMR heating and spoilage at feed out. All Regulated Release protein blends are available with a Fresh-Guard option.

