

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 IBC's



Delivery size options: 5 to 29mt



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ED&F
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Liquid
Products

ADISSEO
A Bluestar Company



ReguSmart 27
The Essential Ingredient

The Smart Way to Feed



Production



Profitability



Health



Sustainability

Key Benefits

- ReguSmart 27 allows you to target specific protein nutrition on farm
- Precision feeding can help increase feed efficiency, sustainability and animal health and production
- At 27% crude protein, this blend can help replace a proportion of conventional protein sources
- Generate more milk, more protein and more fat in the most cost-effective way possible
- All the benefits of traditional molasses blends



ED&F Man Liquid Products in partnership with Adisseo, both worldwide leaders in their fields, can now provide the first liquid amino acid molasses blend: ReguSmart 27

What is it?

ReguSmart 27 is a highly palatable molasses based liquid feed with added MetaSmart®, a liquid source of metabolisable methionine for ruminants. The blend is rich in protein and energy and designed to support protein efficiency on farm through targeted protein nutrition. ReguSmart 27 is also designed to help get the most from home grown forages by promoting fibre digestion and microbial protein synthesis. At 27% crude protein and 13.1 ME, it is designed to complement grass, mixed forage diets and straw-based rations. It is suitable for use in all feeding systems.

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

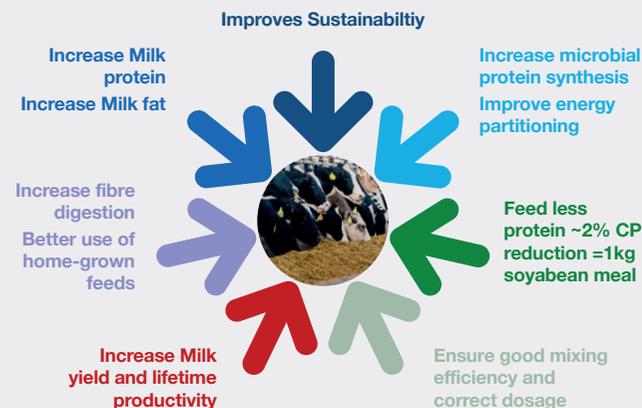
MetaSmart is the isopropyl ester of the hydroxy analogue of methionine (HMBi). What makes MetaSmart unique is its ability to be absorbed through two pathways. Half of the MetaSmart® is absorbed directly through the rumen wall into the bloodstream as a metabolisable methionine source, and the remaining half is available to the rumen microbes.

Regulated Release protein plus MetaSmart® can:

- Provide a synchronous source of RDP alongside specific targeted amino acid nutrition
- Increase protein efficiency
- Reduce waste
- Reduce crude protein in dairy diets by up to 500g/day while maintaining intakes and milk yield
- Increase milk fat percentage

What can it do for you?

Around 85% of UK dairy diets are deficient in methionine, and average protein efficiency is at 24%. There is massive room for improvement from these figures and ReguSmart 27 can help. There are many different opportunities for ReguSmart 27 within your herd and on farm such as;



Specification and Feed Rates

Typical feed rate for a dairy herd is 1.4kg/cow/day. Per kg fed, ReguSmart 27 supplies 9.25g of digestible methionine.

Typical Dry Matter Analysis

Dry Matter (%)	67
Total Sugars (%)	53
Crude Protein (%)	27
ME (MJ/kg DM)	13.1
Methionine (g/kg)	9.25

Availability

ReguSmart 27 is available nationwide in delivery sizes from 5 to 29mt.



Don't want the added protein? No problem!
We can also offer to add MetaSmart to any of our standard blends to help suit all farming systems!