

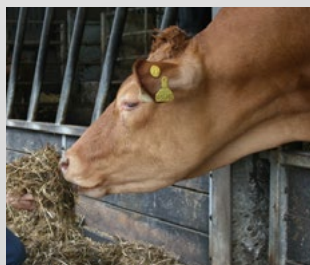


NEW

THE GLYCO RANGE



High Energy Liquid Options



The Glyco Range - High Performance, high energy liquid products

Typical analysis (dry matter basis)

Product	Dry Matter (%)	Total Sugars (%)	Carbohydrate (%)	Total	Protein	ME (Mj / kg)
Glycomol	70	46	12	58%	7.5	14.3
Glyco-Ale	60	32	12	44%	16	14.5
Glycopro	67	43	12	55%	27	14.1
Glycopro 44	69	44	12	56%	44	13.6

Raw Materials

- Cane molasses
- Glycerine
- Pot Ale Syrup
- Regulated release

Cane Molasses

A rich source of 6-Carbon sugars shown to improve rumen fermentation. Highly palatable and proven to increase dry matter intake. Cane molasses is the most cost effective source of 6-Carbon sugars available on farm. Trial work has demonstrated that molasses can improve fibre digestion and overall digestive efficiency.

Glycerine

A high energy liquid readily fermentable in the rumen, also known as glycerol and obtained as a co-product from biodiesel production. Sweet and highly palatable combined with molasses to supply multiple energy sources. Glycerine is gluconeogenic meaning it stimulates glucose production which is key for effective metabolism leading to improved animal performance. The inclusion of glycerine in our liquid blends provides an extra source of propionate in the rumen, thus saving amino acids that become available for protein synthesis. Glycerine is also a glucose precursor when adsorbed in the intestine, being particularly helpful to support high milk production in the first 100 days of lactation.

Pot Ale Syrup

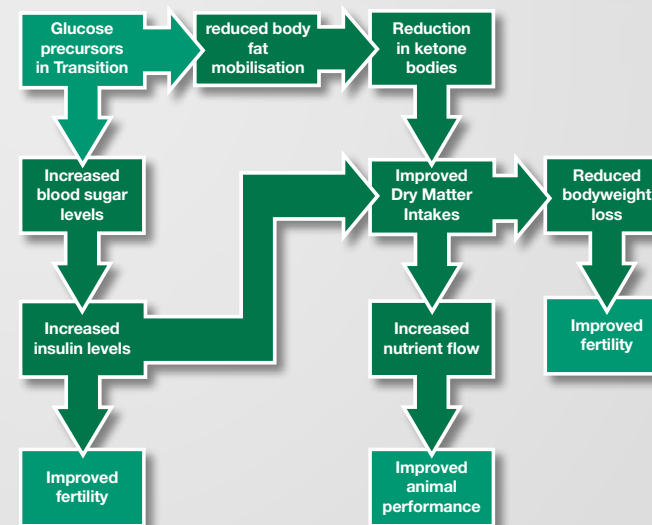
High in energy and protein, derived from the distillery industry. Provides an effective source of protein to balance the fermentable energy from molasses and glycerine and optimise rumen microbial protein synthesis.

Regulated Release Protein

A research proven high protein urea -molasses complex. Supplies high levels of rumen degradable protein to balance the fermentable energy from molasses and glycerine. Shown to cost effectively replace a proportion of conventional protein sources.

Using modern blending techniques ED&F Man are able to produce a range of high energy Glyco blends suitable for all classes of livestock and feeding situations.

Glucose precursors play vital role in cow health and performance



Feeding Guide

TYPICAL DAILY INTAKE	Molasses (kg fresh weight)
	650kg 1-3
Dairy Cattle	Young 220kg 1.0
Beef Cattle	Store 350kg 1-2
	Finishing 450kg 1-2

Check ration advice with your nutritionist or contact ED&F Man Liquid Products.

Fresh-Guard

Worried about your TMR Heating?

It is vital to produce a high quality well balanced ration, but this can quickly be undermined if the ration starts to heat and the quality deteriorates. Feed spoilage in the trough has been identified as a significant cost to farmers. A cow eating 1 kg less dry matter due to aerobic spoilage could be producing around 2.3 litres less milk or reduce daily live weight gain. What makes it worse is that it is the high value nutrients that spoil most quickly. The Fresh-Guard option can be included in any of ED&F Man's bulk molasses products. Effective in preventing TMR spoilage at feed out, Fresh-Guard is a cost effective option available to farmers looking to prevent heating/spoilage at a cost of less than 3p per cow per day.



Delivery size options: 5mt to 29mt

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