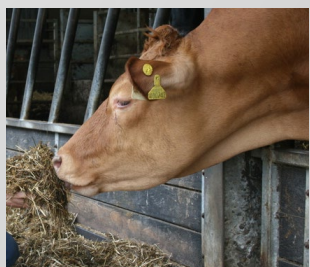
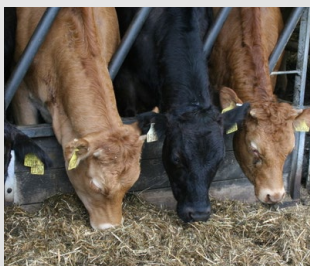


## BEEFMOL / BEEFMOL PLUS



**Beefmol and Beefmol Plus are high dry matter, high sugar, high energy blends of cane molasses, glycerine and liquid co-products combined with ED&F Man's proven Regulated Release protein technology and soya bean oil, formulated specifically for cattle.**

**The unique mix of energy sources and rumen degradable protein promotes fibre digestion and effective rumen function, leading to improved animal performance.**

High performing livestock need high quality nutrition. **Beefmol and Beefmol Plus** supply highly concentrated nutrition in a palatable form that can increase dry matter intake and improve fibre digestion, key to maximising overall enterprise profitability.

### A balanced approach

**Sugars:** The base of our liquid feeds is cane molasses which is the most cost-effective source of 6-Carbon sugars available on farm. Highly palatable and proven to increase dry matter intake. Trial work has demonstrated that cane molasses can improve fibre digestion, rumen fermentation and overall digestive efficiency.

**Regulated Release Protein:** 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.

**Glycerine:** Works in combination with the 6-Carbon sugars to stimulate glucose production and reduce the chances of metabolic problems.

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.

**Soya Bean Oil:** The inclusion of Soya Bean Oil not only increases the energy content but has also been shown to improve coat condition and give stock a healthy bloom.

### The Beefmol Range

Beefmol supplies a good level of sugar to ensure rumen fermentation is optimised. A well-balanced rumen leads to improved feed use, particularly fibre digestion and reduced metabolic problems. Beefmol Plus has all the nutritional value of Beefmol with the added benefit of a vitamin and trace element package, including added copper.

The Beefmol range is formulated to supply the correct balance of energy and protein to fit in to the ration and drive performance.

### Flexibility

One of the key benefits of liquid feeds such as Beefmol and Beefmol Plus is that they can be fed in a number of ways including as part of a TMR, free access through a lick feeder or top dressed onto forage or down a feed passage.

### Key Benefits Include:

- Boost energy intakes by feeding sugar, glycerine and oil
- Flexible feeding options to suit the individual farm
- Highly palatable to drive dry matter intake
- Proven to stimulate fibre digestion
- Easy and convenient to store and handle



Typical dry matter analysis	Beefmol	Beefmol Plus
Dry Matter (%)	67	67
Sugar (%)	40	40
Protein (%)	21	21
ME (MJ/kg DM)	13.2	13.2
Oil (%)	1.5	1.5
Vitamins & Minerals	X	✓

Vitamin	Inclusion (IU/kg)
Vitamin A	42000
Vitamin D3	8000
Vitamin E	150

Mineral	Inclusion (mg/kg)
Cobalt	3
Iodine	20
Manganese	400
Zinc	400
Selenium	2.5
Copper	120

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