Trimolflow

A highly palatable liquid, offering an excellent source of rapidly fermented sugar based energy in a very flowable form.

Typical Analysis (on a dry matter basis)

Dry matter (%)	Energy (MJ ME/kg DM)	Crude protein (%)	Oil (%)	NDF (%)	Starch (%)	Sugar (%)
71.0	12.7	5.1	Trace	0.0	Trace	64.0

What are you trying to achieve?

Need	Feature	Benefit
Drive intake	Highly palatable sweet liquid	Masks less palatable feed ingredients. Stimulates total feed intake, including home produced feeds, thus lowering feed costs.
Increase milk yield	A source of rapidly fermentable sugar energy	Balances rapidly digestible energy sources such as cereals and low protein forages.
Reduce feed costs		Can be a cost effective alternative to feeding low protein dry feeds.
Reduce ration sorting and minimise dust	A binding sticky liquid	Livestock consume a more balanced ration, reducing the risk of acidosis and improving feed efficiency. Less dust reduces feed waste, improves the working environment and feed intakes.
Flowable at low temperatures	Trimolflow has a standardised lower dry matter than cane molasses	Improved flowability and handling
Flexibility in feeding	Stores up to 12 months	Long shelf life

The predicted responses (benefits) assume that the specified nutrient, physical or structural dietary components are limiting livestock performance in the current ration.

Complementary Concentrate Feeds

t +44 (0)1733 422214
w www.tridentfeeds.co.uk

- **High starch feeds** e.g. cereals, maize meals, confectionery and bakery products.
- **High digestible fibre feeds** e.g. brewery, distillers, sugar beet products and soya hulls.
- **High protein feeds** e.g. soya bean meal, rapeseed meal, wheat distillers.

Recommended daily feed rates (per head basis)

Trimolflow can be fed as part of a TMR, within a blend or as a straight liquid by pouring onto other feeds or via ball feeders.

Milking Cows	Up to 4 (typically 2)kg
Dry Cows	Up to 2 kg
Replacement Heifers	Up to 3 kg and up to 20% of the DMI
Calves (to 12 weeks)	Up to 0.5 kg and up to 10% of the DMI
Growing Cattle	Up to 1.5 kg and up to 20% of the DMI
Finishing Cattle	Up to 3 kg and up to 20% of the DMI
Suckler Cows	Up to 4 (typically 2)kg
Ewes and Rams	Up to 0.5 (typically 0.25)kg
Hoggets and Lambs	Up to 0.5 kg and up to 10% of the DMI

DMI= dry matter index

Availability, handling and storage

Trimolflow is delivered in 10, 20 and 28t load sizes in 28 tonne bulk articulated tankers and is available throughtout the UK year around.

Trimolflow has a specific gravity of 1.34kg/litre or a density of 745 litres per tonne.

Tanks should be built to hold and dispatch bulk liquids. They should be well maintained and cleaned out regularly to prevent the build-up of sediment. A minimum 4-inch diameter pipe work is advised to handle Trimolflow.

Additional information

Method of production

Trimolflow is a co-product from the sugar cane processing industry. After dissolving sugars out of the fibrous cane at high temperature, the crystals of sugar settle out as the liquid cools leaving a dark brown, viscous liquid, sometimes referred to as 'Black strap' molasses. Prior to despatch additional water is added to improve the product handling characteristics.

Quality Assurance

Trimolflow is a FEMAS assured (or a recognised equivalent) product. Trimolflow (Cane molasses) is listed under number 7.6.1 in the EU Catalogue of Feed Materials.

Legal Disclaimer

Suggested feeding rates are produced as a guide only and many other factors may have an overriding effect on animal response; no performance guarantee can be given. Rations should be carefully balanced for energy and protein, contain sufficient forage to maintain rumen function and be fortified with an appropriate vitamin and mineral supplement. Animals must have constant access to clean water.

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Detailed Typical Analysis (fresh basis other than where stated)

Dry matter	%	71.0	Starch	%	0.00
Oil A	%	0.00	Sugar	%	45.4
Oil B	%	0.00	Calcium	g/kg	6.80
Crude protein	%	3.62	Magnesium	g/kg	3.12
Crude protein: DM	%	5.10	Phosphorus	g/kg	0.85
Fibre	%	0.00	Potassium	g/kg	27.5
Ash	%	8.60	Salt	g/kg	2.21
ME* – *in vivo*	MJ/kg DM	12.7	Sodium	g/kg	0.85
NDF	%	0.00	Copper	mg/kg	5.50

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