Molale

An extremely palatable free flowing blend of Cane Molasses and distillery syrups, designed to stimulate dry matter intake. Molale provides valuable protein and high energy predominantly as sucrose sugars and residual carbohydrates from grain fermentation and yeast.

Typical Analysis (on a dry matter basis)

Dry matter (%)	Energy (MJ ME/kg DM)	Crude protein (%)	Oil (%)	NDF (%)	Starch (%)	Sugar (%)
60.0	13.2	16.0	0.5	0.0	0.0	42.0

What are you trying to achieve?

Need	Feature	Benefit
Drive intake	Highly palatable and attractive aroma.	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 cost effective alternative to feeding low protein dry feeds.
Reduce ration sorting and minimise dust	A binding 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.
Improve rumen efficiency	The distillery syrup in Molale contains high levels of yeast fragments.	Stimulates rumen microbial activity leading to increased digestion especially of fibrous feeds.
No processing, ready to feed, easy storage	As a result of the inclusion of the distillery syrup Molale has easy flowing characteristics.	Easy to store and convey.

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

- **High starch feeds** e.g. cereals, maize meals, and 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.

KW more than feed

0845 355 9935
www.kwfeeds.co.uk

Recommended daily feed rates (per head basis)

Molale 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.
DMI = dry matter index

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

Availability, handling and storage

Molale is delivered in 10, 20 and 28t load sizes in 28 tonne bulk articulated tankers and is available UK wide, all year around.

Molale has a specific gravity of 1.30kg/litre or a density of 770 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 Molale. Molale should be used within 3 months of delivery.

Additional information

Method of production

Molale is predominantly a blend of Cane Molasses from sugar production and distillery syrups.

Quality Assurance

Molale is a FEMAS assured (or a recognised equivalent) product and is marketed by KW Alternative Feeds a UFAS-accredited merchant.

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	%	60.0	Starch	%	0.00
Oil A	%	0.00	Sugar	%	25.0
Oil B	%	Trace	Ash	%	7.5
Crude protein	%	9.60	ME* – *in vivo*	MJ/kg DM	13.2
Crude protein: DM	%	16.0	NDF	%	0.00
Fibre	%	Trace			