

Bettaflow

- Dried (sugar) beet feed, semi-molassed



A high digestible fibre energy and palatable pelleted feed, designed to be used in a complete diet feeding system or feeder wagon.

Typical Analysis (on a dry matter basis)

Dry matter (%)	Energy (MJ ME/kg DM)	Crude protein (%)	Oil (%)	NDF (%)	Starch (%)	Sugar (%)	DUP (%)
88.0	12.5	10.1	1.8	32.3	1.0	18.4	3.0

What are you trying to achieve?

Need	Feature	Benefit
Drive intake	A highly palatable feed.	Can stimulate intakes of less palatable feeds, increasing milk and meat production.
Increase milk fat %	A good source of digestible fibre.	Provides the building blocks for milk fat synthesis, increasing value per litre.
Increase energy intakes	Good levels of non-starch digestible fibre energy.	Allows energy intakes to be increased without increasing the risk of acidosis associated with cereal feeding.
Minimise risk of acidosis	High content of digestible fibre.	Assists in maintaining an optimum rumen pH.

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 confectionary and bakery products.
- **High protein feeds** e.g. soya bean meal, rapeseed meal, wheat distillers.

Recommended daily feed rates (per head basis)

Supaflow can be fed as part of a TMR or as a concentrate feed. Bettaflow is not suitable for on the floor feeding.

Milking Cows	Up to 6 (typically 3)kg
Dry Cows	Up to 2 kg
Replacement Heifers	Up to 2 kg and up to 40% of the DMI
Calves (to 12 weeks)	Up to 1.5 kg and up to 40% of the DMI
Growing Cattle	Up to 2.5 kg and up to 40% of the DMI
Finishing Cattle	Up to 5kg and up to 50% of the DMI
Suckler Cows	Up to 4 (typically 2)kg
Ewes and Rams	Up to 1 (typically 0.5) kg
Hoggets and Lambs	Up to 1 kg or up to 50% of the DMI

DMI = dry matter intake

Availability, handling and storage

Like all dry feeds, they should be stored in a secure shed or bunker and kept cool, dry and free from vermin. Available in 29t tipped loads only. Must be used within 12 months of delivery.

Additional information

Method of production

Bettaflow is a co-product from sugar production. Once the sugar has been diffused out from the beet, the fibrous residues are dried and combined with molasses. They are then pelleted to produce the final product.

Quality Assurance

Bettaflow is a FEMAS assured (or a recognised equivalent) product. Bettaflow (Dried (sugar) beet feed, molassed) is listed under number 4.1.11 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	%	88.0	Calcium	g/kg	8.90
Oil A	%	0.80	Magnesium	g/kg	1.00
Oil B	%	1.50	Phosphorus	g/kg	0.01
Crude protein	%	8.90	Potassium	g/kg	18.0
Crude protein: DM	%	10.2	Salt	g/kg	1.00
Fibre	%	12.8	Sodium	g/kg	5.00
Ash	%	11.2	Copper	mg/kg	4.30
ME* – in vivo	MJ/kg DM	12.5	Manganese	mg/kg	52.0
NDF	%	28.0	Selenium	mg/kg	0.09
Starch	%	0.59	Zinc	mg/kg	25.0
Sugar	%	16.2	Saturates	% of oil	23.0
ERDP-FIM*	% @ 6%	4.33	Monounsaturates	% of oil	11.0
DUP-FIM*	% @ 6%	3.16	PUFAs	% of oil	66.0
DUP digestibility	%	70.0	Long chain PUFAs	% of oil	0.00
sDM		0.20	Lysine	% of CP	5.31
aDM		0.50	Methionine	% of CP	1.26
bDM		0.40	Cysteine	% of CP	1.52
cDM		0.11	Histidine	% of CP	3.92
sN		0.12	Threonine	% of CP	4.55
aN		0.32			
bN		0.63			
cN		0.06			