

Formula One Turbo



Extremely high energy from starch, sugar and oil, Formula One Turbo is a highly palatable blend of products from the bakery, pastry and breakfast cereal industries.

Typical Analysis (on a dry matter basis)

Dry matter (%)	Crude protein (%)	Energy (MJ ME/kg DM)	Oil (%)	NDF (%)	Starch (%)	Sugar (%)	DUP (%)
89.0	11.2	15.1	7.9	14.6	45.1	13.5	2.3

What are you trying to achieve?

Need	Feature	Benefit
Drive Intake	Highly palatable	Can stimulate intake of less palatable feeds, increasing milk and meat production.
Increase Milk Yield	High starch and energy content.	Starch drives microbial protein production and spares protein being used for energy leading to increased yields and higher milk protein.
Increase Milk Protein		
Improve Fertility		Can help reduce early lactation body weight loss which is known to improve heat expression. Energy, as starch, fed immediately post calving can improve cycling through its effect on insulin.
No processing, ready to feed, easy storage	Ready to use meal.	No further processing costs, providing ideal alternative to processed cereals.

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



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Recommended daily feed rates (per head basis)

Formula One Turbo can be fed as part of a TMR, as a sole concentrate or top dressed; ensure adequate long fibre such as silage or straw. It should be introduced into the diet gradually; it is not recommended to feed it on an ad lib basis.

Milking Cows	Up to 3 (typically 2)kg mixed with other feeds.
Dry Cows	Up to 2 (typically 1)kg
Replacement Heifers	Up to 2kg and up to 20% of the DMI
Calves (to 12 weeks)	Up to 0.5kg and up to 15% of the DMI
Growing Cattle	Up to 3kg and up to 30% of the DMI
Finishing Cattle	Up to 4kg (typically 3kg) and up to 30% of the DMI
Suckler Cows	Up to 3 (typically 1)kg
Ewes and Rams	Up to 1 (typically 0.5)kg
Hoggets and Lambs	Up to 0.3kg or up to 15% of the DMI

DMI = dry matter intake

Availability, handling and storage

Formula One Turbo is available all year round, UK wide as 10-29T bulk tipped loads. It is advisable to contract supplies early as supply tends to be limited. Like all dry feeds, it should be stored in a secure shed or covered bunker and kept cool, dry and free from vermin. As the material tends to draw in moisture from the atmosphere, it is unsuitable for long term storage and should be used within 6-8 weeks of delivery. DO NOT STORE IN BULK BINS.

Additional information

Method of production

A blend of co-products from the human food industry, it comprises of cake and bakery products, grain flour, confectionery, co-products from the breakfast cereal industry and Wheatfeed.

Quality Assurance

Formula One Turbo is FEMAS-assured and 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	%	89.0	Calcium	g/kg	1.05
Oil A	%	6.0	Magnesium	g/kg	0.97
Oil B	%	7.0	Phosphorus	g/kg	4.00
Crude protein	%	10.0	Potassium	g/kg	5.00
Crude protein: DM	%	11.2	Salt	g/kg	7.00
Fibre	%	4.2	Sodium	g/kg	3.00
Ash	%	3.0	Copper	mg/kg	3.80
ME* – <i>in vivo</i>	MJ/kg DM	15.1	Manganese	mg/kg	29.0
NDF	%	13.0	Selenium	mg/kg	0.04
Starch	%	41.0	Zinc	mg/kg	32.2
Sugar	%	12.0	Saturates	% of oil	28.0
ERDP-FiM*	% @ 6%	7.80	Monounsaturates	% of oil	25.0
DUP-FiM*	% @ 6%	1.90	PUFAs	% of oil	47.0
DUP digestibility	%	84.0	Long chain PUFAs	% of oil	0.00
sDM		0.08	Lysine	% of CP	1.74
aDM		0.45	Methionine	% of CP	1.87
bDM		0.50	Cysteine	% of CP	1.98
cDM		0.12	Histidine	% of CP	1.81
sN		0.05	Threonine	% of CP	3.20
aN		0.45			
bN		0.51			
cN		0.38			