



C★Traffordgold® is a novel moist feed from one traceable source, Cargill Plc processing facility in Manchester. It is produced after processing wheat to make four key ingredients, starch, glucose syrups, vital wheat gluten and alcohol.

Typical Analysis (on a dry matter basis)

Dry matter (%)	Energy (MJ ME/kg DM)	Crude protein (%)	Oil (%)	NDF (%)	Starch (%)	Sugar (%)	DUP (%)
50.0	13.4	20.0	5.0	27.0	18.0	8.0	5.0

What are you trying to achieve?

Need	Feature	Benefit
Drive intake	A highly palatable and aromatic moist feed.	Stimulates total feed intake, including home produced feeds, thus lowering feed costs.
Reduce Feed Costs	Good levels of protein, energy and digestible fibre	A competitively priced alternative to straights and manufactured concentrates
Improve rumen efficiency	Distillery products contain high levels of yeast fragments.	Stimulates rumen microbial activity leading to increased digestion especially of fibrous feeds.
Traceability	Produced at Trafford Park in Manchester	A short and local supply chain creates peace of mind and stringent quality assurance.
Flexibility in Feeding	Easily stored and incorporated into most youngstock, dairy and beef, feeding systems	Simplifies feeding, one feed for all ages and stages of livestock production.

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, confectionery and bakery products.
- **Low protein feeds** e.g. cereals, citrus pulp, soya hulls and sugar beet products.
- **Rumen bypass proteins** e.g. Soyypass, NovaPro.

Recommended daily feed rates (per head basis)



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C★Traffordgold® can be fed as part of a TMR, as a concentrate or top dressed

Milking Cows	Up to 15 (typically 8) kg
Dry Cows	Up to 8 kg
Replacement Heifers	Up to 8 kg and up to 50% of the DMI
Calves (to 12 weeks)	Up to 4 kg and up to 30% of the DMI
Growing Cattle	Up to 15kg and typically up to 60% of the DMI
Finishing Cattle	Up to 15kg and typically up to 60% of the DMI
Suckler Cows	Up to 8 (typically 4) kg
Ewes and Rams	Up to 2 (typically 1)kg
Hoggets and Lambs	Can be fed 1 - 2 kg

DMI = dry matter intake

Availability, handling and storage

C★Traffordgold® should always be stored on a clean and dry concrete base. If fed fresh, C★Traffordgold® should be consolidated to exclude air from the load, sheeted with a good quality, clean sheet, and used within 8 weeks. For longer-term storage, C★Traffordgold® should be clamped, consolidated to exclude air, and covered with a secured sheet in the same manner as grass silage (see storage tips below). Clamped C★Traffordgold® should be used within 12months.

C★Traffordgold® can be mixed with other feeds, such as processed bread, to produce a moist blend. Please note, it is not advisable to exceed a dry matter content of 65%.

Storage Tips

- Store on a clean dry concrete base.
- Storage sites should ideally be situated away from open watercourses and designed with a narrow, north facing feed face.
- If C★Traffordgold® is hot on arrival. It is best left for 24 hours before sheeting to let heat escape.
- Compress the surface by means of a tractor mounted bucket to exclude as much air as possible and maintain close contact between the top of the load and the sheet.
- Dressing the surface with salt prior to sheeting will enhance the products preservation. It is recommended to use 3kg of salt per cubic meter.
- Cover with clean, good quality plastic sheets that create an effective oxygen barrier. Evenly weight with Secure Covers and gravel bags or straw bales.
- Ensure the product is completely covered with the sheet, even at the edges, to create an airtight seal.
- Failure to ensile properly may result in mould growth, loss of dry matter and a reduction in the nutritive value of the clamp.
- When feeding starts, only expose 3-4 days' worth of feed at a time to minimise the clamp area open to the atmosphere. Placing a line of weights on the sheet, as far back as you intend to expose the feed, reduces the risk of air entering the clamp and aids keeping quality.
- Ensure the open face of the silo is kept neat and tidy. The clamp face should never be covered (unless the feed is to be ensiled for feeding at a later stage), as this will create a humid environment which could encourage the growth of moulds and yeast.
- Typical product density is 950kg/m³
- For more detailed information please see the KW Moist Feed handling and storage booklet on our website.



Additional information

Method of production

Wheat is coarsely milled and the flour mixed with water to separate vital wheat gluten from the starch. These grades of starch are then refined to produce a purer grade of starch. Some of these go onto be further refined into glucose and some are sent to the onsite distillery. The distillery produces food grade alcohol and a highly palatable liquid containing rumen friendly inert yeasts. This is combined with wheat components that are not further processed to produce C★Traffordgold®.

Quality Assurance

C★Traffordgold® is a FEMAS assured (or a recognised equivalent), fully traceable, product 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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C*Traffordgold®

Detailed Typical Analysis (fresh basis other than where stated)

Dry matter	%	50.0	Calcium	g/kg	0.85
Oil A	%	2.00	Magnesium	g/kg	1.45
Oil B	%	2.50	Phosphorus	g/kg	4.50
Crude protein	%	10.0	Potassium	g/kg	7.95
Crude protein:DM	%	20.0	Salt	g/kg	2.45
Fibre	%	3.25	Sodium	g/kg	2.35
Ash	%	4.00	Copper	mg/kg	7.50
ME* – <i>in vivo</i>	MJ/kg DM	13.4	Manganese	mg/kg	50.0
NDF	%	13.5	Selenium	mg/kg	0.05
Starch	%	9.00	Zinc	mg/kg	35.0
Sugar	%	4.00	Saturates	% of oil	18.0
ERDP-FiM*	% @ 6%	7.35	Monounsaturates	% of oil	21.0
DUP-FiM*	% @ 6%	2.53	PUFAs	% of oil	61.0
DUP digestibility	%	80.0	Long chain PUFAs	% of oil	0.00
sDM		0.44	Lysine	% of CP	4.50
aDM		0.69	Methionine	% of CP	1.97
bDM		0.16	Cysteine	% of CP	2.23
cDM		0.07	Histidine	% of CP	3.61
sN		0.62	Threonine	% of CP	4.06
aN		0.84			
bN		0.10			
cN		0.13			



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