

Brewers Grains

A highly palatable and succulent moist feed providing a rich source of digestible fibre and protein.



OK for on-farm AD facilities



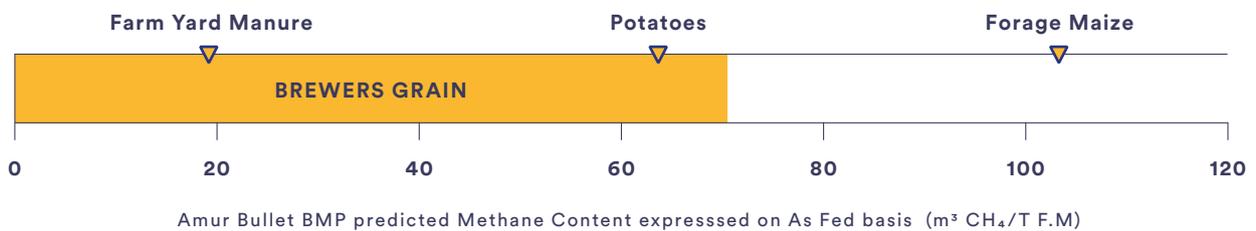
OK for Waste permitted AD facilities



Typical analysis

	Dry matter (%)	Volatile Solids (% VS of TS)	Methane (m ³ CH ₄ /T fresh)
BREWERS GRAINS	24	96	77
MAIZE*	32	91	98

* Based on a typical maize silage analysis



What are you trying to achieve?

Need	Feature	Benefit
Steady regular supply of base feedstock	Steady regular supply of base feedstock	Great reliable all-rounder; steady gas yield production over a sustained period
Perfect boost of N to Agricultural based systems	Increases C: N ratio	Often Maize based systems are deficient in Nitrogen; this can have a negative impact on the bacterial growth of a system. This product can help balance the C:N ratio to optimise plant production
No processing, ready to feed	Ready to use feed	No further processing costs

Brewers Grains

EA Classification:

'By-Product'

RHI Eligibility:

'Processing Residue' – talk to us for more details.

Method of Production

Brewers' Grains are a co-product from the UK Brewing Industry. During the brewing process the starch in the malted barley is converted into sugars, resulting in a concentration of the fibrous and protein residues from the grains. These are separated off as Brewers' Grains, a pale brown moist feed.

Handling, Storage and Health & Safety

Brewers' Grains are available throughout the UK as bulk tipped loads. It is advisable to contract supplies as early as demand occasionally outstrips supply, particularly around the turn of the year, in early spring and also at times of forage shortage. MSDS information available on request.

Storage Tips

- Store on a clean dry concrete base.
- Storage sites should ideally be situated away from open watercourses, narrow and designed in a way that the feed face is north facing.
- Brewers' Grains will be hot on arrival. It is best left for 24 hours before sheeting to let heat escape.
- Depending on the dry matter content of the Brewers' Grains, the load may need to be compacted using a tractor bucket or hand shovel, to remove air and maintain close contact between the top of the load and the sheet.
- Cover with high quality plastic sheet and 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.
- When feeding starts, it's best to expose 3 or 4 days' worth of feed at a time. 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, and should never be covered, unless the feed is to be ensiled for feeding at a later stage.

Recommended Feed Rates

Gradually introduce at a maximum of 5% of daily loading at first and increase slowly after.

Quality Assurance

Brewers Grains is a FEMAS assured (or equivalent) product and marketed by Amur and KW Alternative Feeds, a UFAS-accredited merchant. Brewers Grains are listed under number 1.12.7 in the EU Catalogue of Feed Materials.

Please Note

Suggested feeding rates and energy values are produced as a guide only and many other factors may have an overriding effect on performance. No performance guarantee can be given.

Disclaimer: based on independent and Amur trials

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Typical Detailed Analysis (fresh basis other than where stated)

Dry matter	%	26.0	Calcium	g/kg	0.84
Oil A	%	1.33	Magnesium	g/kg	0.41
Oil B	%	1.50	Phosphorus	g/kg	0.12
Crude protein	%	5.80	Potassium	g/kg	0.13
Fibre	%	4.09	Salt	g/kg	0.88
Ash	%	1.00	Sodium	mg/kg	0.06
ME* – in vivo	MJ/kg DM	11.7	Copper	mg/kg	1.70
NDF	%	14.8	Manganese	mg/kg	7.90
Starch	%	0.92	Selenium	mg/kg	0.01
Sugar	%	0.53	Zinc	mg/kg	13.0
			Saturates	% of oil	20.0
			Monounsaturates	% of oil	13.0
			PUFAs	% of oil	67.0

Get in touch

We'd love to talk to you about your current or planned AD system. Get in touch using the details below to find out how we can help optimise your gas yields and get the best returns from your AD business venture.

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