

Draff

Draff is a highly palatable and succulent moist feed that provides a rich source of digestible fibre and protein.



OK for on-farm AD facilities



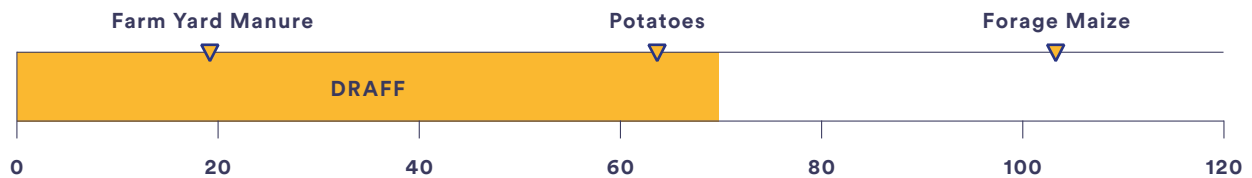
OK for Waste permitted AD facilities



Typical analysis

	Dry matter (%)	Volatile Solids (% VS of TS)	Methane (m ³ CH ₄ /T fresh)
LACTOBOOST	20	96	68
MAIZE*	32	91	98

* Based on a typical maize silage analysis



Amur Bullet BMP predicted Methane Content expressed on As Fed basis (m³ CH₄/T F.M)

What are you trying to achieve?

Need	Feature	Benefit
Readily available base feedstock	Great source of fibre for the AD system; slow release energy over a sustained period	Provides a base diet, which over time enables a stable biology, and better biological performance overall
Nitrogen containing feedstock	Protein content helps balance C:N ratio	Improved biological performance, particularly for Agricultural plants, to increase N in the system maintaining 25:1 C:N ratio
No processing, ready to feed	Ready to use feed	No further processing costs

Draff

EA Classification:

By-product

RHI Eligibility:

'Processing Residue' – Talk to us for more details

Method of Production

The first stage in the production of malt whisky involves the steeping of malted barley in hot water to extract soluble sugars. The liquid 'wort' is drained off to be fermented and distilled. The residue which remains is Distillers' Malt Draff. Nutritionally, Draff is rich in digestible fibre and also contains concentrated protein and oil from the malted barley. It is moist and pale to mid brown in colour.

Handling, Storage and Health & Safety

- 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.
- Draff 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 Draff, 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

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Draff is a FEMAS assured (or equivalent) product and marketed by Amur and KW Alternative Feeds, a UFAS-accredited merchant. Draff is listed under number 1.12.13 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

Draff

Typical Detailed Analysis (fresh basis other than where stated)

Dry matter	%	20.0	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	%	5.00	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	%	16.8	Manganese	mg/kg	7.90
Starch	%	0.43	Selenium	mg/kg	0.01
Sugar	%	0.53	Zinc	% of oil	13.0
			Saturates	% of oil	20.0
			Monosaturates	% 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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