

MOIST FEEDS



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BREWERS GRAINS

A highly palatable and succulent moist feed providing a rich source of digestible fibre and protein. A moist by-product from the brewing industry made up of spent grains, widely fed to ruminant animals. They are commonly used in the dairy industry as a buffer feed or as a forage or concentrate replacer.

Nutritional Benefit

High in fibre and good quality protein which is quite undegradable due to the heat process in manufacture. Ideal for mixing with other forage rations to stimulate dry matter intake and an excellent feed for dairy cows, cattle and sheep.

Features

- Highly palatable moist feed.
- Brewery products contain high levels of yeast fragments.
- High digestible fibre and low starch content.

Feed Rates

<i>Milking Cows</i>	<i>Up to 20 (typically 8)kg</i>
<i>Dry Cows</i>	<i>Up to 4kg</i>
<i>Replacement Heifers</i>	<i>Up to 10 kg and up to 30% of the DMI</i>
<i>Calves (to 12 weeks)</i>	<i>Up to 5 kg and up to 50% of the DMI</i>
<i>Growing Cattle</i>	<i>Can be fed ad lib and up to 50% of the DMI</i>
<i>Finishing Cattle</i>	<i>Can be fed ad lib and up to 50% of the DMI</i>
<i>Suckler Cows</i>	<i>Up to 15 (typically 6)kg</i>
<i>Ewes and Rams</i>	<i>Up to 3 (typically 2)kg</i>
<i>Hoggets and Lambs</i>	<i>Up to 50% of the DMI</i>

Typical Analysis

• <i>Dry Matter – 23.0%</i>	• <i>Sugars – 1.5%</i>
• <i>Crude Protein – 25.0%</i>	• <i>NDF – 56.5%</i>
• <i>MER 11.7 MJ/Kg</i>	• <i>Oil AH – 7.5%</i>
• <i>Starch – 5.5%</i>	

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CRIMPED MAIZE

New early maturing varieties now allow maize to be used as a concentrate feed source rather than as a forage crop as in the past. Crimped maize grain complements all forms of silage, whole crop cereals and conventional cereals by providing a high energy source of by-pass starch. The type of starch present in maize differs in structure to that of wheat and barley, and crimping the maize grain results in a slower rate of starch digestion in the rumen. A greater amount of undigested starch passes into the lower gut, where the increased digestion improves the glucose supply to the tissue and improves the overall efficiency of dietary energy to milk and meat.

Nutritional Benefit

Can be used to replace maize silage, increase energy density of ration, particularly early lactation and supports milk proteins.

Features

- Suitable for all classes of ruminants.
- Crimped maize has highest bypass starch.
- Increases milk yield.
- Increases milk protein output.
- Improves fertility.

Typical Analysis

• <i>Dry Matter</i> – 70.0%	• <i>Sugars</i> – 1.8%
• <i>Crude Protein</i> – 10.0%	• <i>NDF</i> – 8.96%
• <i>MER</i> 14.5 MJ/Kg	• <i>Oil AH</i> – 4.5%
• <i>Starch</i> – 70.0%	

Daily Feed Rates

<i>Milking Cows</i>	<i>Up to 6kg/head/day</i>
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MASH FILTER GRAINS/DRAFF

Fine, textured brewers grains.

Nutritional Benefit

- Cost-effective alternative protein source.
- Useful feed to use as forage enhancer or extender.
- Easy to feed in either TMR, or as a straight.

Features

- Very palatable feed that stimulates dry matter intake.
- High in digestible fibre with good slow release protein content.
- Generally good all year round availability.

Typical Analysis

• Dry Matter – 26.0%	• Sugars – 1.0%
• Crude Protein – 22.50%	• NDF – 51.5%
• MER 11.8 MJ/Kg	• Oil AH – 11.0%
• Starch – 3.0%	

Daily Feed Rates

Dairy Cows	Up to 15kg/head/day
Beef	Up to 20kg/head/day
Ewes	Up to 2kg/head/day

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PRESSED SUGARBEET PULP

A high digestible fibre, extremely palatable to be used as a forage extender or concentrate feed. It is widely recognised for its ability to enhance the physical nature and 'open up' total mixed rations. Pressed Sugarbeet is produced during the processing of Sugarbeet. Once the sugar has been washed out from the beet, excess water is removed from the fibrous residue by passing the material through heavy presses.

Nutritional Benefit

Can stimulate intake while providing building blocks for milk fat synthesis.

Features

- A highly palatable and succulent feed.
- High levels of non-starch digestible fibre energy.
- Provides slowly fermentable energy similar to forage.
- Can be used in complete diets or ensiled with other feeds e.g. distillers.
- Available in articulated vehicles whilst factories are producing normally between October and February.

Typical Analysis

• <i>Dry Matter</i> – 27.0%	• <i>Sugars</i> – 6.0%
• <i>Crude Protein</i> – 9.0%	• <i>NDF</i> – 37.0%
• <i>MER</i> 13.0 MJ/Kg	• <i>Oil AH</i> – 1.0%
• <i>Starch</i> – 0.0%	

Daily Feed Rates

<i>Milking Cows</i>	<i>Up to 20 (typically 8)kg</i>
<i>Dry Cows</i>	<i>Up to 4kg</i>
<i>Replacement Heifers</i>	<i>Up to 10 kg and up to 50% of the DMI</i>
<i>Calves (to 12 weeks)</i>	<i>Up to 5 kg and up to 50% of the DMI</i>
<i>Growing Cattle</i>	<i>Up to 10 kg and up to 50% of the DMI</i>
<i>Finishing Cattle</i>	<i>Up to 20 kg and up to 50% of the DMI</i>
<i>Suckler Cows</i>	<i>Up to 10 (typically 5)kg</i>
<i>Ewes and Rams</i>	<i>Up to 5 (typically 2-3)kg</i>
<i>Hoggets and Lambs</i>	<i>Up to 5 kg and up to 50% of the DMI</i>

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