

# Scottish Distillers Barley Pellets



Scottish Distillers Barley is a very palatable energy and protein feed. Available in 6mm pellets, it provides a source of digestible fibre and bypass protein and is suitable for feeding to dairy and beef cattle as well as sheep, both as a straight and as part of a blend.

## Typical Analysis (on a dry matter basis)

Dry matter (%)	Energy (MJ ME/kg DM)	Crude protein (%)	Oil (%)	NDF (%)	Starch (%)	Sugar (%)	DUP (%)
90.0	13.0	24.0	9.0	41.0	4.0	2.0	12.2

## What are you trying to achieve?

Need	Feature	Benefit
Drive intake	Very palatable feed.	Can stimulate intakes of less palatable feeds, increasing milk and meat production.
Reduce feed costs	High quality protein and a good source of bypass protein.	Allows proportions of soya and low protein concentrates to be replaced whilst providing similar protein levels (usually at lower cost).
Improve rumen efficiency	Distillery products contain high levels of yeast fragments particularly in the solubles fraction.	Stimulates rumen activity, promoting fibre digestion and overall feed efficiency.
Minimise risk of acidosis	High levels of digestible fibre and oil energy.	Allows energy intakes to be increased without increasing the risk of acidosis associated with high starch feeding.
Feeding flexibility	Pellet durability	Suitable for use 'in parlour' automated and floor feeding systems. Can be transferred to feeders via auger systems.

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, confectionary and bakery products.
- **Low protein feeds** e.g. cereals, citrus pulp, soya hulls and sugar beet products.
- **Rumen bypass proteins** e.g. SoyPass, Prototec



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## Recommended daily feed rates (per head basis)

Scottish Distillers Barley Pellets can be, fed via mechanical feeders, top dressed or floor fed, used individually or as part of a blend or TMR.

Milking Cows	Up to 4 (typically 3)kg
Dry Cows	Up to 2 kg
Replacement Heifers	Up to 3 kg and up to 35% of the DMI
Calves (to 12 weeks)	Up to 1.5 kg and up to 25% of the DMI
Growing Cattle	Up to 2.5 kg and up to 40% of the DMI
Finishing Cattle	Up to 5 kg and up to 40% of the DMI
Suckler Cows	Up to 4 (typically 2)kg
Ewes and Rams	Up to 1 (typically 0.5)kg
Hoggets and Lambs	Up to 0.75kg and up to 50% of the DMI

DMI = dry matter intake

## Availability, handling and storage

Scottish Distillers Barley Pellets are available all year round, UK wide, as bulk tipped or blown loads. Like all dry feeds, they should be stored in a secure shed, bunker, bin or hopper and kept cool, dry and free from vermin.

## Additional information

### Method of production

Scottish Distillers Barley Pellets are a co-product from the production of malt whisky. Following the malting of barley, the released sugars are fermented with yeast to produce alcohol. This alcohol is then distilled out of the mixture and the remaining grain residues are mixed with concentrated pot ale syrup, dried and pelleted.

### Quality Assurance

Scottish Distillers Barley Pellets are FEMAS assured (or a recognised equivalent) product. Scottish Distillers Barley Pellets (Barley distillers dried grains and solubles) are listed under number 1.12.11 in the EU Catalogue of Feed Materials.

### 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	%	90.0	Calcium	g/kg	1.51
Oil A	%	6.75	Magnesium	g/kg	2.79
Oil B	%	8.10	Phosphorus	g/kg	0.81
Crude protein	%	21.5	Potassium	g/kg	0.87
Crude protein: DM	%	24.0	Salt	g/kg	3.99
Fibre	%	11.7	Sodium	g/kg	1.30
Ash	%	5.31	Copper	mg/kg	36.0
ME* – <i>in vivo</i>	MJ/kg DM	13.0	Manganese	mg/kg	50.0
NDF	%	36.9	Selenium	mg/kg	0.12
Starch	%	3.60	Zinc	mg/kg	60.0
Sugar	%	1.80	Saturates	% of oil	22.0
ERDP-FiM*	% @ 6%	8.80	Monounsaturates	% of oil	13.0
DUP-FiM*	% @ 6%	11.0	PUFAs	% of oil	65.0
DUP digestibility	%	75.0	Long chain PUFAs	% of oil	0.00
sDM		0.25	Lysine	% of CP	4.52
aDM		0.44	Methionine	% of CP	1.75
bDM		0.43	Cysteine	% of CP	2.13
cDM		0.06	Histidine	% of CP	2.62
sN		0.10	Threonine	% of CP	4.53
aN		0.32			
bN		0.46			
cN		0.06			