

BREWERS' SPENT GRAINS



Healthy, valuable, economical



Brewers' grains are a high-quality brewery by-product, which is produced during beer production as a solid residue of the malt. Brewers' grains are very tasty and improve basic feed. Included in the diet, brewers' grains increase the milk yield and the milk's protein content. The composition and quality of the fibrous components in brewers grains improve rumen fermentation processes (dietetic effect). Brewers' grains offer a high protein content with a high rumen stability of the protein (60%), can be easily silaged without additives, and are particularly stable in storage.



Increases basic feed intake and stabilizes digestion



Increases the milk yield and the milk's protein content



60% rumen stable protein, which means less formation of ammonia



Diarrhoea impeding effect through increased water binding

Brewers' Spent Grains recommended usage per animal/day:

- ◆ for cows 5–10kg
- ◆ for fattening bulls 5–10kg
- ◆ for sheep/goats 1–3kg

- ▶ Can be fed fresh – ensile for better stability
- ▶ Rich in energy as a concentrated feed
- ▶ Significant improvement of each feed ration
- ▶ Perfect complement to grass and corn

Brewers' Spent Grains ingredients:

Ingredients, fresh
Dry matter, Ø in % 21–24

Nutrients (in % of TS)	
Crude protein	25.0
Crude fat	8.5
Crude fibre	18.5
Crude ash	5.0
N-free extractive	43.0
Starch	4.0
Sugar	1.0
Energy content (dry matter)	
ME-R MJ	11.6
NEL MJ	7.1
UDP (60% of CP)	159g/kg
nXP	229g/kg
RNB	5g/kg
pH value	5–6