



COMMODITY NUTRIENT PROFILE

MALT SPROUTS

DESCRIPTION

Malt Sprouts are obtained from germinated malted barley* by the removal of the rootlets and sprouts from the seed and may include some of the malt hulls, other parts of malt and foreign material unavoidably present.

*In the malting process, barley, of suitable variety and quality, is softened by water steeping, allowed to germinate and then dried for use in brewing or distilling.

Malt Sprouts are bulky. To increase density for shipment they are usually pelleted. Malt Sprouts are used chiefly as an economical feedstuff in mixed dairy or beef cattle feeds, and nutritionists do incorporate them at moderate levels in swine and poultry rations.

USE AND APPLICATION

Malt Sprouts, being processed, will require no further grinding or rolling. Malt Sprouts have the bulky nature typical of brewer's by-products. Users of Malt Sprouts have found them an economical protein and energy source in ruminant diets. Malt Sprouts have a relatively high NDF content and at an eNDF of 34% may serve a function in attaining necessary ration fibre levels for lactating dairy cows.

STORAGE AND HANDLING

Malt Sprouts are light brown to tan in colour, and smell characteristic of the product. They may have a slightly astringent or bitter taste and are best fed to unaccustomed cattle in combination with other feeds. Malt Sprouts may be stored in traditional bins and handled accordingly, or unloaded onto cement slabs or into commodity sheds (preferably covered or protected from the weather), and handled by front-end loader.

TYPICAL ANALYSIS

	DMB	As Fed
Dry Matter	100.0%	90.1%
Crude Protein	17.0%	15.0%
Fat	1.51%	1.36%
Crude Fiber	16.0%	15.0%
ADF	19.8%	17.8%
NDF	46.0%	43.0%
Calcium	0.19%	0.17%
Phosphorus	0.60%	0.54%
Ash	2.0%	1.8%
TDN (Rum)	74.5%	67.1%
NE _L	1.52 Mcal/kg	1.70 Mcal/kg
NE _m	1.56 Mcal/kg	1.74 Mcal/kg
NE _g	1.17 Mcal/kg	1.06 Mcal/kg
DE (Rum)	3.28 Mcal/kg	2.95 Mcal/kg

* Listed data are average values only and not considered as guarantees, expressed, or implied, nor as a condition of sale. For guaranteed specs refer to feed label.



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