



Commodity Guide

Malt Sprouts

Product 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 and other parts of the malt. 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 an economical feedstuff in mixed dairy or beef cattle feeds. They are well placed in rations requiring protein supplementation, moderate energy levels, and high fiber.

Storage and Handling

Malt Sprouts are light brown to tan in color, and smell characteristic of the product. 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.

Use and Application

Malt Sprouts, being processed, will require no further grinding or rolling. Malt Sprouts have the bulky nature typical of brewers 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 fiber levels for lactating dairy cows. Depending on the class of livestock and other feed ingredients in the diet, Malt Sprouts should be mixed with other feedstuffs to improve palatability because they are somewhat bitter and should not exceed 20 % of the ration dry matter.

TYPICAL ANALYSIS*:

		DM	As Fed
Dry Matter	%	100.0	94.0
Crude Protein	%	24.0	22.4
Fat	%	2.0	1.8
Crude Fiber	%	16.0	15.0
ADF	%	15.0	14.1
NDF	%	40.0	37.6
NE _L (Rum)	Mcal/lb.	0.68	0.64
NE _M (Rum)	Mcal/lb.	0.74	0.70
NE _G (Rum)	Mcal/lb.	0.47	0.44
Calcium	%	0.23	0.22
Phosphorus	%	0.75	0.70

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