



COMMODITY NUTRIENT PROFILE

CEREAL FOOD FINES

DESCRIPTION: Cereal Food Fines consist of ground and fine particles of breakfast cereals that are obtained as a byproduct of the processing of them (and from dated and/or returned stock) [IFN 4-01-199]. Although this product is usually a bland tan shade pigmented particles may be present due to the presence of certain coloured cereals.

TYPICAL ANALYSIS:

		<u>DMB</u>	<u>As Fed</u>			<u>DMB</u>	<u>As Fed</u>
Dry Matter	%	100.0	88.0	TDN (Rum)	%	90.00	80.00
Crude Protein	%	7.95	7.0	Ne _i	Mcal/kg	2.35	2.07
Fat	%	1.70	1.5	Ne _m	Mcal/kg	2.13	1.88
Crude Fibre	%	3.4	3.0	Ne _g	Mcal/kg	1.40	1.24
Salt	%	2.27	2.0	TDN (Swine)	%	87.50	77.00
Calcium	%	0.11	0.1	DE (Swine)	Kcal/kg	3835	3375
Phosphorus	%	0.56	0.5	ME (Plty)	Kcal/kg	3750	3300
Ash	%	2.27	2.0				

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

USE AND APPLICATION:

Cereal Food Fines may be separated from corn flakes, wheat flakes and other specialty foods by sifting, or other mechanical treatment or depackaged from dated or returned stock and marketed as a finely ground product. Breakfast foods are pre-cooked, usually oven toasted, and vitamins, minerals, various flavourings and food coloring may be added. Such a by-product feed, with selection, processing and supplementation for the human market will be of good nutritional quality for ration incorporation. As Cereal Food Fines represent many varieties of breakfast food consisting of a mixture of cereal grains or processed products thereof, specific amino acid composition specifications in general can be expected to reflect that of corn, oats, rice and wheat combinations. Cereal Food Fines have found extensive use in pet food products. This quality food by-product can be utilized in feeds for piglets, calves and other small animals as well as a general energy source for all classes of livestock and poultry. In certain ruminant rations consideration to the finer particle size may be required where higher levels might be used. As there is a level of salt added to cereals, adjustments to added Sodium chloride may be advisable. Cereal Food Fines, being finely ground and containing some sugar, may require special binning to ensure proper flowability, however in on-farm applications storage in commodity bays or protected "flat-storage" will overcome these difficulties. For further information consult your Livestock Nutrition Consultant. As with other feedstuffs, usage is optimized by using proper Nutrition formulation techniques.

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