



COMMODITY NUTRIENT PROFILE

DRIED BEET PULP

DESCRIPTION:

DRIED BEET PULP is the beet residue remaining after juices have been extracted for sugar (sucrose) or molasses production. Prior to processing the beets are cleaned of adhering soil, plant crowns, and remaining leaves. **BEET PULP**, while low in protein and fat, contains unextracted carbohydrates (nitrogen free extract) and has a high fibre content. **BEET PULP** carbohydrate consists of a fibrous fraction containing cellulose, hemicellulose and lignin (structural carbohydrate) and the non structural fraction (A,B₁) that is primarily sugar and the highly digestible pectin. **BEET PULP** is light to medium gray in colour, has a slightly sweetish smell and in the pelleted form is free flowing.

Molasses **DRIED BEET PULP** is available on a custom basis. It is **DRIED BEET PULP** to which has been added (beet) molasses obtained in the extraction of sugar. Usual addition level in the current available product option is 10% Molasses (12% Sucrose).

TYPICAL ANALYSIS:

		DMB	AS FED			DMB	AS FED
Dry Matter	%	100.0	88.0	Magnesium	%	0.28	0.25
Crude Protein	%	8.0	7.0	Potassium	%	0.2	0.17
Undegrable Protein	%	56.7	49.5	Ash	%	4.7	4.1
Crude Fat	%	0.1	0.1	TDN	%	78.0	68.0
Crude Fibre	%	25.5	22.5	DE	Mcal/kg	3.44	3.11
A.D. Fibre	%	32.0	28.0	NE _i	Mcal/kg	1.63	1.43
N.D. Fibre	%	40.0	35.2	NE _m	Mcal/kg	1.81	1.59
Lignin	%	3.7	3.25	NE _g	Mcal/kg	1.18	1.03
NFC	%	36.1	31.8				
Calcium	%	0.8	0.7				
Phosphorus	%	0.1	0.1				

* 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. Specifications subject to change without prior notice.

STORAGE AND HANDLING:

DRIED BEET PULP may be available as meal or pellets and offered in bulk or bags. Bulk pellets may be stored in traditional bulk bins and handled accordingly, or placed on cement slabs (covered and protected from the weather) and handled by front-end loader. Product in bags should be stored in a dry and readily accessible location. **BEET PULP** pellets, 5/16 inch diameter have a bulk density of 38 to 42 lbs/cu/ft, while the unpelleted bulk density is approximately 11 to 16 lbs/cu/ft.

USE AND APPLICATION:

The high fibre, extremely palatable **DRIED BEET PULP** has been long popular with those feeding Beef, Dairy, Horses and mature Swine. Largely due to the bulky nature and palatability of the product most of the **BEET PULP** supply has traditionally been used by Dairymen. The "palatability" and the bulkiness of **BEET PULP** can lend a characteristic to a heavy "concentrate mixture". Experienced stockmen place a premium over and above the more traditional nutritive assessment of **BEET PULP** and this is probably due to its unique water absorption and swelling characteristics. In heavy cereal rations (wheat and or barley) 1/5 to 1/2 of the grain mix as **BEET PULP** will assist in alleviating feeding problems such as bloat or grain overloading. As with all feedstuffs, appropriate vitamin and mineral supplementation and general "ration balancing" must be considered when feeding this product. The optimal use of **DRIED BEET PULP** usage is best determined by the use of linear programming techniques where the significant nutritional factors and animal productive demands can be properly assessed and accounted for.

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