



COMMODITY NUTRIENT PROFILE

DRIED CITRUS PULP

DRIED CITRUS PULP is the ground peel, residue of the inside portions, and occasional cull fruits of the citrus family, which have been dried, producing a coarse, flaky product. It may contain dried citrus meal or pellets and whole citrus seeds. If calcium oxide or calcium hydroxide is added as an aid in processing, the maximum percentage present, expressed as calcium (Ca), must be shown. If it bears a name description of its kind or origin, it must correspond thereto.

TYPICAL ANALYSIS: *

		<u>DMB</u>	<u>AS FED</u>			<u>DMB</u>	<u>AS FED</u>
Dry Matter	%	100	91.0	TDN (Rum)	%	74.0	67.0
Crude Protein	%	6.0	5.5	DE (Rum)	Mcal/lb.	1.50	1.36
Fat	%	3.7	3.36	ME	Mcal/lb	1.32	1.20
Crude Fiber	%	12.2	11.1	NE _i	Mcal/lb	0.78	0.71
Potassium	%	0.79	0.71	NE _m	Mcal/lb	0.80	0.73
Magnesium	%	0.17	0.15	NE _g	Mcal/lb	0.53	0.48
Calcium	%	1.4	1.27				
Phosphorus	%	0.10	0.09				

* 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.

PHYSICAL PROPERTIES:

Color: Light yellow to orange to brown.
Odor: Pleasant citrus odor.
Bulk Density: Pelleted – 50 lbs./cu/ft
Unpelleted 20-30 lbs./cu/ft

USE AND APPLICATION:

DRIED CITRUS PULP primarily is used as a feed for dairy and beef cattle. It is considered to be desirable bulk carbohydrate that is a good energy source, fairly high in calcium, but low in phosphorous. Dairy men have used citrus pulp for several years and have found it to be very palatable feed. In the citrus growing areas because of its economic advantage, dairy rations will contain from 30 to 50% dried citrus pulp. High levels (over 40%) of citrus pulp may lead to problems in dairy herds unless certain precautions are taken. The two most common problems are increased incidence of milk fever and reduced breeding efficiency. Both problems appear to be related to the level of calcium and phosphorous in the ration.

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