



## CITRUS PULP PELLETS

### DESCRIPTION

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.

### USE AND APPLICATION

Dried Citrus Pulp is primarily used as a feed for dairy and beef cattle. It is a desirable bulk carbohydrate, that is a good energy source, high in calcium, but low in phosphorous. Dairymen have used citrus pulp for many years and have found it to be a very palatable feed. In the citrus-growing areas because of its economic advantage, dairy rations will contain from 30-50% 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.

### PHYSICAL PROPERTIES

Color: Light yellow to orange brown

Odor: Pleasant citrus odor

Bulk Density: Pelleted – 50lbs/cu.ft  
Unpelleted – 20-30lbs/cu.ft

### TYPICAL ANALYSIS

	DMB	As Fed
Dry Matter	100.0%	91.0%
Crude Protein	6.0%	5.5%
Fat	3.7%	3.36%
Crude Fiber	12.2%	11.1%
Potassium	0.79%	0.71%
Magnesium	0.17%	0.15%
Calcium	1.4%	1.27%
Phosphorus	0.10%	0.09%
TDN (Rum)	74.0%	67.0%
NE <sub>L</sub>	0.77 Mcal/lb	0.71 Mcal/lb
NE <sub>m</sub>	0.79 Mcal/lb	0.73 Mcal/lb
NE <sub>g</sub>	0.53 Mcal/lb	0.48 Mcal/lb
DE (Rum)	1.49 Mcal/lb	1.35 Mcal/lb
ME	1.31 Mcal/lb	1.19 Mcal/lb

\* 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 feed label.



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