



# COMMODITY NUTRIENT PROFILE

## SOYBEAN HULLS

### DESCRIPTION:

**Soybean Hulls** are a by-product of soybean processing for oil and meal production. **Soybean Hulls** consist primarily of the outer covering of the soybean. Typically **Soybean Hulls** do not need special processing to feed. **Soybean Hulls** that have been heat-treated are referred to as soybean millrun; soybean flakes. The fiber in **Soybean Hulls** is rapidly fermented and may contain substantial amounts of pectin. **Soybean Hulls** are 67% NDF (neutral detergent fiber) but because of their small particle size they provide little effective fiber.

**Soybean Hulls** are light tan to golden in color and should have a fresh toasted nut like smell.

### TYPICAL ANALYSIS: \*

		<u>DMB</u>	<u>AS FED</u>			<u>DMB</u>	<u>AS FED</u>
Dry Matter	%	100.0	91.0	TDN (Rum)	%	78.0	71.0
Crude Protein	%	12.1	11.0	NE <sub>1</sub>	Mcal/lb	0.80	0.72
Fat	%	2.1	1.9	NE <sub>m</sub>	Mcal/lb	0.80	0.72
Crude Fiber	%	39.0	35.5	NE <sub>g</sub>	Mcal/lb	0.54	0.49
A.D. Fiber	%	50.0	45.5	NFE	%	18.3	16.60
Potassium	%	1.89	1.70	Calcium	%	0.49	0.45
Magnesium	%	0.23	0.20	Phosphorus	%	0.21	0.19

\* 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.

### STORAGE AND HANDLING

**Soybean Hulls** are available in bulk and as such stored in traditional bulk bins and handled accordingly. **Soybean Hulls** may be stored on a cement slab or in a commodity bay (covered and protected from the weather).

### USE AND APPLICATION:

Depending upon economic and proper nutritional consideration, **Soybean Hulls** may be used without major restrictions in properly formulated beef and dairy rations. Using **Soybean Hulls** in energy-dense dairy ration especially high starch diets may improve animal performance.

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