



# COMMODITY NUTRIENT PROFILE

## SOYBEAN MEAL 47.5%

### DESCRIPTION:

**Soybean Meal 47.5%** (Dehulled, Solvent Extracted) is the product obtained by grinding the flakes remained after the removal of most of the oil from dehulled soybeans by a solvent extraction process. The meal shall contain less than 3.3% crude fibre. The meal may contain an inert non-toxic conditioning agent, either nutritive or non-nutritive or any combination thereof to reduce caking and to improve flowability in an amount not to exceed that necessary to accomplish its intended effect but in no case shall the conditioning agent exceed 0.5%.

**Soybean Meal** is by far the most widely used oilseed meal in North America and is the standard to which all other proteins are compared. Other oilseed meals may compare favourable to **Soybean Meal**, but their use is often limited due to supply, anti-nutritional factors or palatability. **Soybean Meal** is light tan to golden in colour and should have a fresh toasted nut-like smell. It should be free of solvent odour.

### TYPICAL ANALYSIS:

		<u>DMB</u>	<u>AS FED</u>			<u>DMB</u>	<u>AS FED</u>
Dry Matter	%	100.0	89.0	TDN	%	81.0	72.0
Crude Protein	%	53.4	47.5	NE <sub>l</sub>	Mcal/kg	2.01	1.79
Fat	%	1.0	0.9	NE <sub>m</sub>	Mcal/kg	2.14	1.92
Crude Fibre	%	3.7	3.3	NE <sub>g</sub>	Mcal/kg	1.48	1.30
Calcium	%	0.33	0.3	DE	Mcal/kg	3.84	3.40
Phosphorus	%	0.7	0.6	NFE	%	40.3	35.9
Ash	%	6.5	5.8				

\* 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 Meal** is available in bulk and as such stored in traditional bulk bins and handled accordingly. In farm applications **Soybean Meal** may be put on a cement slab (covered and protected from weather). Like all the animal feedstuffs, **Soybean Meal** should have dry insect free storage.

### USE AND APPLICATION:

Depending upon economic and proper nutritional considerations, **Soybean Meal** may be used without major restrictions in properly formulated livestock rations. As with other feedstuffs, **Soybean Meal** must be properly supplemented with the necessary vitamins and minerals. The optimal use of **Soybean Meal** is best achieved by the use of Linear Programming techniques where favourable economic factors and other ingredient contributions may be properly assessed!

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