

Soybean Meal

Soybean meal is used primarily for its high protein content. It can be used in all categories of programs.

1. NUTRITIONAL VALUES (per 100 g)

These are average values, taken from the U.S. Department of Agriculture, Agricultural Research Service (USDA:ARS) 1998 USDA Nutrient Database, Release 12, Laboratory Home Page, (<http://www.nal.usda.gov/fnic/foodcomp>). These nutrient values are provided as a guide for use in the calculation of food aid rations; users should be aware that shipments of food aid may vary from these exact values.

2. COMPONENTS

100% Soybean Meal, defatted, raw.

3. SPECIFICATIONS

The soybean meal shall meet the standard specifications of the National Oilseeds Processing Association (NOPA) trading rules of August 1, 1989.

(See Table next page.)

4. PACKAGING

50 kg (110.23 lb.) woven polypropylene bags. This fabric contains an inhibitor to resist ultra-violet absorption along with an anti-skid coating.

5. SHELF LIFE

At least one year. See "Section III: Storage/Shelf Life Specifications" for more information.

Nutrient	Amount	Unit
Water	6.9	g
Energy	337.0	Kcal
Protein	49.2	g
Total Lipid	2.3	g
Carbohydrate	35.9	g
Fiber, total dietary	n/a	g
Ash	5.6	g
Calcium	244.0	mg
Iron	13.7	mg
Magnesium	306.0	mg
Phosphorus	701.0	mg
Potassium	2490.0	mg
Sodium	3.0	mg
Zinc	5.1	mg
Copper	2.0	mg
Manganese	3.8	mg
Selenium	3.3	mcg
Vitamin C	0.0	mg
Thiamin	0.7	mg
Riboflavin	0.3	mg
Niacin	2.6	mg
Pantothenic acid	2.0	mg
Vitamin B-6	0.6	mg
Folate	302.6	mcg
Vitamin B-12	0.0	mcg
Vitamin A	40.0	IU
Vitamin E	n/a	mg-ATE
Vitamin D	n/a	IU
Iodine	n/a	mcg

CHEMICAL AND PHYSICAL REQUIREMENTS

ITEM	REQUIREMENT	
	Minimum	Maximum
Moisture %	12.0	12.5
Protein %	47.5	--
Fat %	0.5	--
Fiber %	--	3.5

(Source: USDA:FSA:PDD:EOB July, 1996. Contact 202-690-3565
<http://www.fas.usda.gov/excredits/pl480/commodities/soymeal.htm>)