

# Sorghum Grits, Soy-Fortified

This processed commodity is generally used for emergency programs, and where sorghum is a local staple food, for other categories.

## A. 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. The values for thiamin, riboflavin, niacin, vitamin A, calcium and iron represent the minimum levels of enrichment nutrients (converted to a 100 g basis) as listed in Specifications below.

## B. COMPONENTS

85% Sorghum Grits: Sorghum Yellow or white grain sorghum which has seedcoat, hulls, and germ removed.

15% Soy Beans: Cracked, dehulled, defatted and toasted, (or expeller) processed from selected soybeans.

## C. SPECIFICATIONS

Class: Yellow or white grain sorghum as defined by "Official United States Standards for Grain," revised February 1970, pages 6.1-6.4, except that the grain must contain no more than 2% of kernels having brown subcoats.

**Grade:** US No. 1, US No. 2, or US No. 3, if downgraded because of moisture only.

**Other:** The grain must be thoroughly cleaned to remove stones, sticks, trash, weed seeds, and shriveled kernels; dehulled; degermed; and reduced to grits. The sorghum must be milled to remove seed coat so that the product color and general appearance will be that of typical sorghum grits which are reasonably well-milled. (See Table next page.)

Nutrient	Amount	Unit
Water	8.9	g
Energy	337.2	Kcal
Protein	17.3	g
Total Lipid	3.0	g
Carbohydrate	68.5	g
Fiber, total dietary	n/a	g
Ash	2.3	g
Calcium	110	mg
Iron	2.90	mg
Magnesium	n/a	mg
Phosphorus	345	mg
Potassium	655	mg
Sodium	8.1	mg
Zinc	n/a	mg
Copper	n/a	mg
Manganese	n/a	mg
Selenium	n/a	mcg
Vitamin C	0	mg
Thiamin	0.44	mg
Riboflavin	0.26	mg
Niacin	3.53	mg
Pantothenic acid	n/a	mg
Vitamin B-6	n/a	mg
Folate	150	mcg
Vitamin B-12	0	mcg
Vitamin A	2205.00	IU
Vitamin E	0.0	mg-ATE
Vitamin D	n/a	IU
Iodine	n/a	mcg

## D. PACKAGING

25 kg (55 lb.) multi-wall paper bags. Three plies of paper (minimum) with an inner polyethylene plastic liner. The outer paper ply is treated to provide wet strength.