

# Nutrition and Health Info Sheet



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## What is soy?

Soy is the protein that comes from soybeans, a type of legume. High-quality soy protein can be found in soy milk, soy beans (or edamame), and tofu. Soy foods are a great source of plant protein because they are low in fat and rich in fiber. Soy also contains essential vitamins and minerals.

Soy protein has been consumed for hundreds of years by various Asian nations. Regular intake of soy is thought to be a part of the reason for the lower rates of heart disease, stroke, and cancer in these countries.<sup>1</sup>



## Why should we eat soy?

Studies show that eating soy products lowers risk for chronic disease like heart disease, cancer and diabetes. Soy can provide the body with vitamins, minerals, and fiber. Other compounds in soy called flavonoids may also be beneficial to your body.<sup>2-8</sup>

*Soy and Heart Disease:* Soy, when eaten instead of animal protein with saturated fat, may reduce the risk of heart disease.<sup>2-3</sup> Some compounds in soy have also been shown to lower “bad” LDL cholesterol and increase “good” HDL cholesterol.<sup>2-4</sup>




*Soy and Cancer:* Studies show that soy may help reduce the risk of breast and prostate cancer by acting as an antioxidant.<sup>5-6</sup> Some compounds in soy may also help your DNA repair itself, and stop cancer cells from growing.<sup>6</sup>

*Soy and Diabetes:* Eating soy regularly may reduce the risk of Type 2 Diabetes.<sup>7</sup> Soy has also been shown to help manage diabetes by:

- Lowering blood sugar levels right after a meal.

- Improving overall glucose tolerance
- Decreasing HbA1C, which measures blood sugar levels over time.<sup>8</sup>

## What are high- quality sources of soy?

Edamame (soy beans)	Tofu	Soy milk
<ul style="list-style-type: none"> <li>• Least processed form of soy</li> <li>• Often sold in fresh, frozen, or roasted forms</li> <li>• Can be eaten on its own, added to salads, or added to stir-fries</li> </ul> 	<ul style="list-style-type: none"> <li>• Bean curd made from mashed soybeans</li> <li>• Can be used to replace meat or dairy products in certain recipes</li> <li>• Good source of calcium (½ cup serving can contain 130 mg of Ca)<sup>12</sup></li> </ul> 	<ul style="list-style-type: none"> <li>• A great source of calcium (1 cup serving can contain 300 mg of Ca)<sup>12</sup></li> <li>• Can be used to replace milk</li> <li>• Often sold in a variety of flavors including plain, vanilla, and chocolate</li> </ul> 

## How can I add soy into my diet?

- Add tofu or soy crumbles to spaghetti sauce, soup, casseroles, chili, tacos, or meatloaf to reduce the amount of meat in the dish.
- Try drinking soy milk. Soy milk is high in protein, calcium, essential nutrients, and omega-3 fatty acids. You can also add soy milk to your smoothies, coffee, tea or cereal.
- Use silken tofu to replace sour cream, yogurt, or cheese in recipes.
- Eat tempeh, which is made from soybeans and is used in many vegetarian cuisines. It's high in protein, high in fiber, and can be used to substitute for meat.
- Veggie burgers are also popular, and they are another way for people to avoid eating too much saturated fat and cholesterol.

<b>Food</b>	<b>Serving</b>	<b>Soy protein (g)</b>	<b>Calories</b>
Soy Burger	1 patty	8	100
Soy Nuts	1 oz	12	150
Soy Milk	1 cup	8	100
Texturized Vegetable Protein (TVP)	1/4 cup	14	50
Tofu	3 oz	9	45
Protein Bar	1 bar	6	180
Soy Breakfast Patties	2 patties	16	160
Soy Flour	1/4 cup	12	90
Soybeans (Boiled)	1/2 cup	7	190
Tempeh	1/2 cup	18	200
Soy Nut Butter	2 Tbsp	8	160

## Is it possible to eat too much soy?

Evidence to suggest that you can get too much soy is very limited. Claims that large amounts of soy intake will lead to negative health effects in breast cancer patients or those at risk of breast cancer have not been backed up by research.<sup>10-11</sup>

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