

Why Soy?

Improved Products, Increased
Protein, Reduced Costs

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Improved Products

- Bland
- Absorbs flavor
- Conditions dough
- Emulsifies
- Increases whiteness
- Improves texture
- Retains moisture
- Absorbs fat
- Keeps product fresh for longer time

Higher Protein

Commodity	Protein per 100 gms (in gms)	Calories per 100 gms (in Kcal)
Defatted Soy Flour	53	329
Textured Soy Protein	60.5	334
Wheat Flour	10.3	364
Corn meal	8.5	366
Rice	7.1	365
Wheat Soy Blend	21.5	355
Soy Bulgur	18.2	340
Corn Soy Blend	17.2	376
Lentils	28.1	338
Peas	24.6	341

Better Protein

Product	Protein Digestibility Corrected Amino Acid Score (PDCAAS)
Soy protein	0.90 -1.00
Whole wheat	0.4
Wheat gluten	0.25
Rice	0.47
Corn	0.42
Oats	0.57
Kidney bean	0.68
Chickpeas	0.71
Pea	0.73
Egg white	1.00
Beef	0.92

Reduced Cost

Product	Price (ton)	Price (pound protein)	Price (1000 Kcals)
Defatted Soy Flour (DSF)	\$307	\$0.26	\$0.09
Textured Soy Protein (TSP)	\$517	\$0.39	\$0.13
Wheat Flour	\$233	\$1.03	\$0.06
Corn Meal	\$173	\$0.92	\$0.05
Rice	\$277	\$1.77	\$0.08
Soy Bulgur	\$235	\$0.59	\$0.07
Wheat Soy Blend	\$241	\$0.90	\$0.08
Peas	\$240	\$0.44	\$0.07
Lentils	\$435	\$0.70	\$0.13

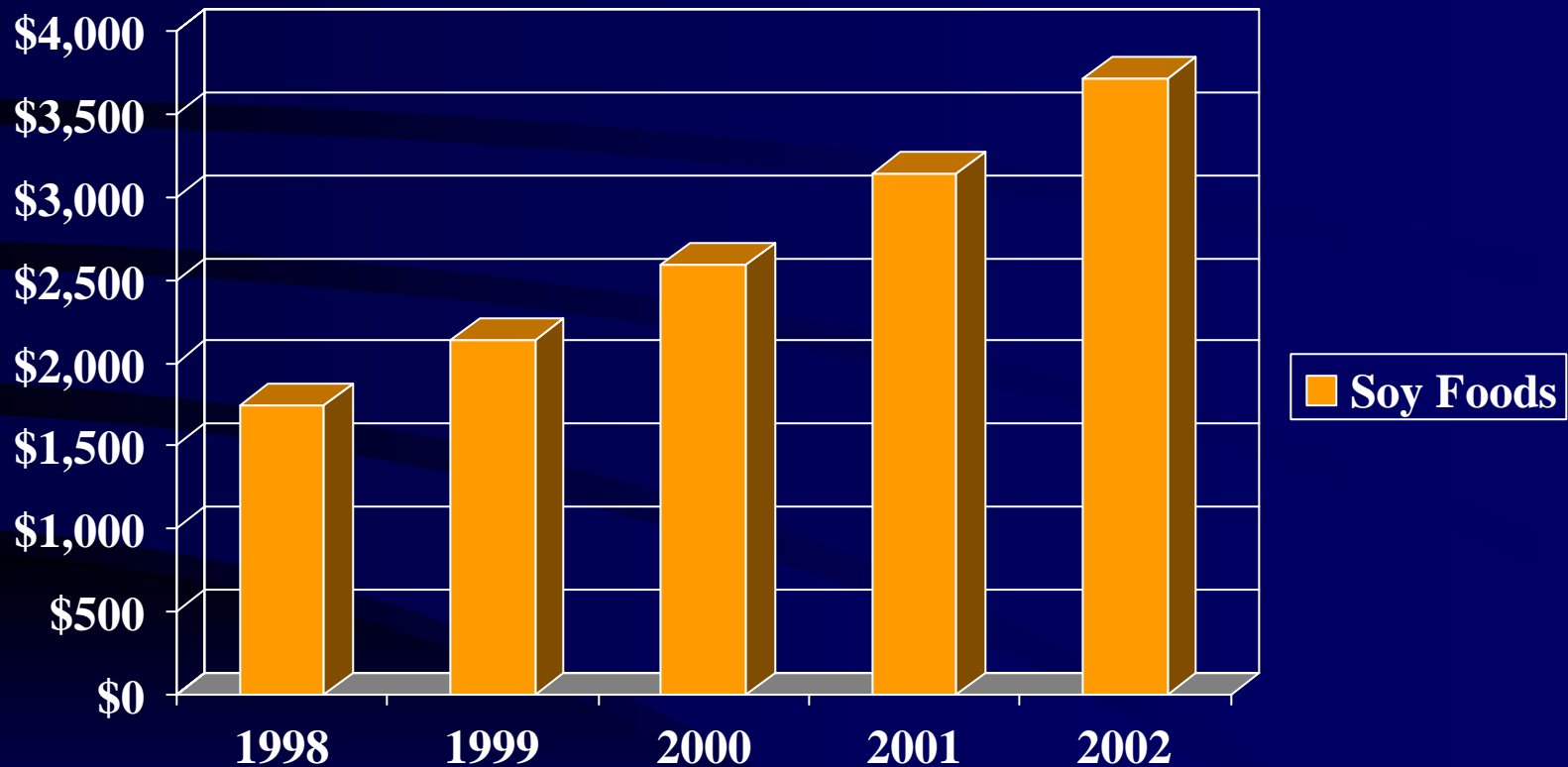
Health Benefits

- Cholesterol
- Hypertension
- Certain cancer
- Diabetes
- Kidney disease
- Menopause
- Osteoporosis
- Weight loss

Soy Health Claims

- Heart Health (October 1999)
 - Diets low in saturated fat and cholesterol that include 25 grams of soy protein a day may reduce the risk of heart disease.
 - A serving of soymilk has 7 grams of soy protein
- Qualified Cancer Claim (Pending)
 - Consumption of soy protein-based foods may reduce the risk of certain types of cancer, including breast, prostate and colon cancer Submitted by Solae June 2004

Increase in Soy Foods Consumption in the U.S.



Data adapted from Soyatech
Soyfoods Study

... and globally

- Hard data not available
- Dramatic increase in demand reported by soy foods manufacturers in Europe and many developing countries