

ORGANIC SPIRULINA

Major components

Proteins (60-70%)
Vitamins
Minerals
Fibers
β-Carotene
GLA
SOD (Superoxide Dismutase)

Advantage

5 times higher than milk, 6 times higher than egg
Vitamin B12 2.5 times higher than liver.
Iron 56 times higher than spinach
4 Times higher than wheat flour
β- Carotene 25 times higher than carrot
Best natural source
Best available source

HEALTH BENEFITS

Strengthens Body's immune system

- β-Carotene
- Phycocyanin
- Polysaccharides

Support cardiovascular function & healthy cholesterol

- Fibre
- Vitamin E
- Vitamin B1
- Magnesium
- Phycocyanin
- Gamma linolenic acids.

Enhance Natural cleansing & Detoxification

- Chlorophyll
- Fibres

Reduce cancer risk with Better antioxidants protection

- B- Carotene
- Vitamin E
- Phycocyanin
- SOD (Superoxide Dismutase)

Improve Gastrointestinal & digestive Health

- Activates and increase lactobacillus in human intestine thus helps improve absorption of nutrients.

Recomended For:

- ▶ Aged person
- ▶ People on restricted diets
- ▶ Pregnant women and lactating mothers
- ▶ People with Hypertension and Diabetes
- ▶ People subjected to intense physical Activity

WHO: Hailed it as *"Greatest Super Food on Earth"*

UNITED NATIONS: Declared SPIRULINA as *"Best Food for Future"*

IIMSAM: Identified it as *"Tool to Eradicate Malnutrition and Hunger"*

NASA: Considered it as an *"Excellent Compact Space Food for Astronauts"*

"Nature's best source of most complete and balanced nutrition"



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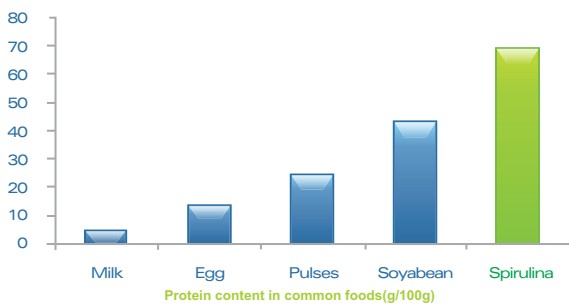
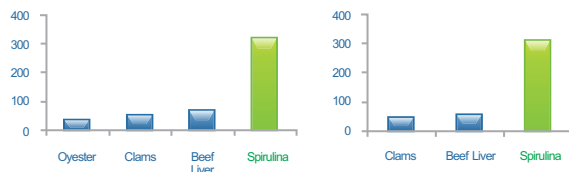
New Age "Super Food"

Spirulina, a blue-green algae is the richest whole-food source available in nature. It has been consumed by humans since pre-historic times. Spirulina fits into practically any dietary plan because it is an extremely digestible, high-energy, gluten-free, low-calorie, low-fat natural food containing an incredibly wide range of important nutrients. Spirulina is rich in proteins, vitamins, minerals, and carotenoids. It contains every natural antioxidant including zinc, manganese, selenium & copper, vitamin E, B complex vitamins, β -carotene (Vitamin A source), bio-chelated iron and γ -linolenic acid.

SOME AMAZING FACTS ABOUT SPIRULINA!

- ▶ A person cannot overdose on Spirulina.
- ▶ Spirulina has 58 times the iron of raw spinach.
- ▶ Spirulina contains the highest amount of plant protein.
- ▶ It is a whole-food, not a concentrate, not an extract.
- ▶ Spirulina is the richest source of natural antioxidants.
- ▶ It contains 18 essential amino acids required by our body.
- ▶ Spirulina helps prevent cancers and viral diseases in humans.

NUTRITIONAL COMPARISON



NUTRITIONAL ANALYSIS (% DRY MATTER)

Approx.			
COMPOSITION		MINERAL	mg/100g
Protein	56-69%	Chromium	0.2-0.5
Carbohydrates	15-25%	Selenium	0.05-0.2
Fiber	8-10%		
Minerals	6-9%	FATTY ACIDS	g/100g
Fats	5-6%	Myristic acid	0.05-0.10
VITAMINS	mg/100g	Palmitic acid	1.0-2.0
Vitamin B1 (Thiamine)	2.5-5.0	Stearic acid	0.10-0.20
Vitamin B2 (Riboflavin)	4.0-7.0	Oleic acid	0.10-0.20
Vitamin B3 (Niacin)	3.0-6.0	Linoleic acid	0.50-0.90
Vitamin B6 (Pyridoxine)	2.0-4.0	GLA	1.00-1.50
Cyanocobalamin	0.05-0.20		
Folic acid	0.05-0.30	AMINO ACIDS	g/100g
		Alanine	4.0-5.0
PHYTOPIGMENTS	mg/100g	Arginine	3.0-5.0
Total Carotenoids	400-500	Aspartic acid	1.50-3.0
Carotenes	160-260	Cystine	0.50-0.75
Xanthophylls	170-240	Glutamic acid	6.0-9.0
Chlorophyll	1300-1700	Glycine	2.0-4.0
Phycocyanin	15000-19000	Histidine	0.5-1.5
		Isoleucine	3.0-4.0
MINERALS	mg/100g	Leucine	3.0-5.0
Calcium	300-500	Lysine	3.0-6.0
Phosphorus	800-1000	Methionine	1.0-6.0
Magnesium	400-800	Phenyl Alanine	2.5-3.5
Iron	60-80	Proline	2.0-3.0
Sodium	500-800	Serine	3.0-4.5
Potassium	1300-1650	Threonine	1.5-3.0
Zinc	2.0-4.0	Tryptophan	1.0-2.0
Copper	1.0-2.0	Tyrosine	1.0-3.0
Manganese	1.0-3.0	Valine	1.0-3.5

CERTIFICATIONS



HEALTH BENEFITS - "One solution for all"

Spirulina has been acknowledged as the best health food for 21st century. It is beneficial in:

ANAEMIA: Spirulina contains porphyrin and bio-chelated iron. Porphyrin, a red compound that forms the active nucleus of hemoglobin. Related to this structure is the polypyrrole molecule of B12, which is essential to the formation of healthy red blood cells. Its use is most encouraged for expecting and lactating mothers.

IMMUNE SYSTEM: Spirulina helps to stimulate the immune system to guard against invading disease organisms and carcinogens. It reduces post-surgery recovery time. Spirulina offers nutrients in a convenient and easily assimilated form.

DIABETIC PATIENTS: Spirulina helps mitigate the effects of unbalanced nutritional condition in diabetic patients due to their "calorie-cut" diet. Spirulina is effective in lowering the serum glucose level at fasting while it suppresses glucose level at glucose loading.

HYPERTENSION: The high level of potassium and antioxidant in Spirulina helps in controlling hypertension.

CHOLESTEROL: Spirulina helps in reducing blood cholesterol levels particularly the bad LDL type and helps to lower the risk of cardiovascular disease. It improves general health, relieves fatigue, strengthens the spleen, removes phlegm and regulates the blood fat level.

ANTI AGEING: Antioxidants like Vitamin E, SOD and β -carotene attack free radicals that roam throughout the body wreaking havoc on cells and organs increasing the aging effect and the risk of cancer. In such situations, Spirulina becomes an ideal food supplement for older people who do not eat much or eat inappropriately or cannot absorb enough nutrients. It is very beneficial for elderly people who are unable to absorb, assimilate and utilize nutrients efficiently.

ATHLETICS: Spirulina provides lasting high energy which improves stamina and increases endurance.

OFFICIAL WORKING PARTNERS



INTERGOVERNMENTAL INSTITUTION FOR THE USE OF MICRO-ALGAE SPIRULINA AGAINST MALNUTRITION
PERMANENT OBSERVER TO THE UNITED NATIONS ECONOMIC AND SOCIAL COUNCIL