



Super Algae

Stock #1056-5 (100 capsules)

Super Algae is a unique green-foods supplement containing a rich blend of sea vegetation. Super Algae is especially beneficial for vegetarians or malnourished individuals due to the generous amount of vegetable protein, amino acids, carbohydrates, carotenoids, vitamins and trace minerals provided in one source. Super Algae stimulates immune function, increases white blood cell count, binds with and eliminates carcinogens from the intestinal tract, promotes the growth of healthy colonic flora, and strengthens liver and kidney function.

Super Algae contains numerous phytonutrients, some of which may be helpful in the treatment of degenerative conditions such as AIDS, Alzheimer's, cancer, multiple sclerosis, etc. Super Algae is also beneficial for treating anemia, bacterial and viral infections, candidiasis, chronic fatigue, dyspepsia, obesity, and conditions of malnutrition and toxicity.

Klamath Lake blue-green algae (*Aphanizomenon flos-aquae*), also known as "wild blue-green algae," is a high-quality fresh-water algae, rich in bioavailable nutrients. Blue-green algae, obtained from the Klamath Lake in Oregon, contains a rich blend of protein, all 22 amino acids, and vitamin B12, making it one of the highest concentrated food sources available.

Klamath Lake algae has a bitter flavor which, according to traditional Chinese medicine, affects the "heart-mind" system, making it useful for improving concentration or overcoming depression. This type of algae is also cooling, drying, mildly diuretic, and acts as an anti-depressant, neuro-stimulant and general relaxant. Klamath Lake algae has also been shown to improve stagnancy in the liver. This type of blue-green algae is ideal for the depressed, overweight, untuned person, or those with a constitution reflecting "dampness, excess or heat." Bitter foods supply energy through burning fat, support mental alertness and focus, strengthen reproductive ability, and provide a general feeling of balance and wellness.

Due to its ability as a neuro-stimulant, Klamath Lake algae offers significant benefit in the treatment of amphetamine, cocaine and other neuro-stimulant addictions, and is being considered as a treatment for Alzheimer's. Researchers have employed moderate to large doses of Klamath Lake algae for arthritis, cancer, candidiasis, multiple sclerosis, and other degenerative conditions. In fact, scientists from the University of Hawaii have isolated a substance in blue-green algae called cryptophycin, which appears to be responsible for killing cancer cells. Klamath Lake algae, when used alone, should be used with caution by those having a "cold" constitution, especially where there is "dryness," frailty, weakness, and/or a type of mental "spaciness."

Spirulina is a type of fresh-water blue-green algae composed of approximately 65-71% protein, making it one of the richest vegetal sources of protein known. These proteins are biologically complete, containing all 8 essential amino acids in their proper ratios. Spirulina contains an extremely high level of the fatty acid GLA, as well as substantial amounts of omega-3 alpha-linolenic acid. GLA and its corresponding prostaglandin PGE₁ have been researched extensively for their immunostimulating activity. Spirulina is an excellent source of beta-carotene (1,700mg/kg), vitamin B12, potassium and chlorophyll. In fact, spirulina is one of the few plant sources of vitamin B12, which is typically found only in animal tissues. One teaspoon of spirulina can provide as much as 2½ times the RDA for B12 and over twice the amount of B12 found in an equivalent serving of liver. Spirulina also contains vitamins B1, B2, B6, biotin, folic acid, inositol, niacin, pantothenic acid, vitamin E, and the minerals calcium, iron, magnesium, manganese, phosphorus, selenium and zinc.

Spirulina has been the subject of numerous studies in Europe and Japan, and has been proven helpful for various ailments, including anemia, cataracts, diabetes, gastrointestinal problems, glaucoma, hepatitis, hypoglycemia, malnutrition, obesity, overeating, chronic skin outbreaks and weakened immunity. Spirulina has also been shown to protect the kidneys against damage from strong prescription medication. Spirulina helps to nourish the body, detoxify the kidneys and liver, build and enrich the blood, cleanse the arteries, promote the growth of intestinal flora, and inhibit the growth of bacteria, fungi and yeasts.

According to studies published in *Medication and New Drugs*, spirulina supplementation has been shown to slow the loss of white blood cells (leukocytes) associated with chemotherapy and radiation treatments of cancer. Also, patients noted experiencing less nausea and lassitude from cancer treatments when spirulina was added. Furthermore, the Regional Cancer Centre in Trivandrum, India, gave spirulina to 44 individuals having developed precancerous lesions from chewing tobacco. After only 1 year, the lesions had disappeared in 20 of those who had eaten the algae, with another 5 showing significant improvement.

Other studies show spirulina may be beneficial for treating obesity and compulsive eating disorders. The high level of protein, vitamins and minerals in spirulina act to nourish the body and provide a more satisfied feeling of fullness. Furthermore, spirulina contains an amino acid called phenylalanine, which triggers the release of a hormone in the cerebral cortex that acts on the hypothalamus to suppress appetite.

Chlorella is nutritionally comparable to spirulina, containing slightly less protein, only a fraction of the beta-carotene, but more than twice the nucleic acid and chlorophyll content. The nucleic acid in chlorella contains a special nutrient called CGF (chlorella growth factor). CGF encourages normal growth without stimulating the growth of disease mechanisms such as tumors. CGF is most beneficial for healing wounds, improving growth in children, maintaining health in old age, and stimulating growth stunted by degeneration or disease, including Alzheimer's, multiple sclerosis, nervousness, palsy, sciatica, seizures and various nerve disorders. Chlorella's rich chlorophyll content promotes detoxification and renewal and provides anti-inflammatory properties. The immune-enhancing and antiviral action provided by the combination of CGF and chlorophyll is especially beneficial for treating fungi and viruses that sap the body's resources such as candidiasis, chronic fatigue immune deficiency syndrome (CFIDS), *Epstein-Barr* virus and AIDS.

In addition, chlorella's cell wall has been shown to bind with heavy metals, pesticides, and carcinogens such as PCBs (polychlorobiphenyls), removing these toxins from the body. Chlorella's cell wall also contains complex polysaccharides that enhance the production of interferon and other antitumor, anti-mutagenic, immunostimulating compounds.