

# EARTHRISE® Spirulina

## Plant-Based Whole Superfood

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Earthrise Nutritionals LLC

### Spirulina, a Plant-based Superfood

Earthrise's spirulina (*Arthrospira Platensis*) has been produced and cultivated in sunny Southern California since 1976. The heavy heat and sunlight combined with the mineral-rich Colorado River makes Earthrise farm the ideal location to grow spirulina. Earthrise farm was the first spirulina farm in North America, established in 1976, and today is the largest spirulina farm in the world. With over 40 years of experience and a 108-acre site, Earthrise has continued to produce high quality and safe spirulina controlled under Good Manufacturing Practice (GMP), International Organization for Standardization (ISO 9001), and Food Safety System Certification (FSSC 22000). Our California grown spirulina stays 100% pure during its entire growth process because we do not use irradiation, herbicides or pesticides. The products are GRAS affirmed, non-GMO, 100% vegetarian and VEGAN, KETO-friendly, and free of gluten.

Spirulina is a blue-green algae, and one of the most nutrient packed superfoods, which has been eaten by humans since prehistory. This amazing algae contains numerous nutritional elements, such as proteins (>68%), carotenoids, chlorophyll, gamma-linolenic acid, and vitamins. Over 2000 research studies from around the world have been reported (as of April 2020), including chemistry, safety, and its health benefits, such as antioxidant properties, immune and cardiovascular health.



Earthrise Farm in Calipatria, CA



Earthrise Spirulina Tablets and Powder

# How Spirulina Supports Your Immune System\*

Healthy immune system warriors need good, regular nourishment. If you suspect your diet is not providing you with all your micronutrient needs, spirulina may be the best source of your immune support.

Our immune system is very complicated. The first line of defense against non-self pathogens is the innate, or non-specific, immune response. The innate immune response consists of physical, chemical and cellular defenses against pathogens throughout the body. The main purpose of the innate immune response is to immediately prevent the spread and movement of foreign pathogens throughout the body. The second line of defense against non-self pathogens is called adaptive immune response. Adaptive immunity is also referred to as acquired immunity or specific immunity and is only found in vertebrates. The adaptive immune response is specific to the pathogen presented.



Earthrise Nutritionals is the World leader Pioneer and Innovator of premium quality Spirulina



North America's first Spirulina algae farm



Ecological cultivation for Earth-friendly farming with no pesticides, herbicides, soil erosion or water contamination



Highest quality assurance with over 40 safety and quality tests on live culture and dry product for every lot produced



Cold-press tableting for smooth finish and no fillers

Spirulina is one of the well-researched nutritional sources using model system-to-human studies. Research data indicates that spirulina may enhance your immune defense. It has been reported that spirulina activates multi immune cell function for both innate (non-specific and immediately) and adaptive (activated by antigen) immune systems, such as macrophage, NK cells, T-helper cells, T-cytotoxic cells and antibody production on model system. It is also reported that supplementation of this amazing nutritional source enhances NK cell function in healthy volunteers. All of these research data indicate Spirulina's high potential to support healthy immune defense in our body. Eat well and sleep well. Take spirulina for your immune support.

## About Earthrise

In 1976 a group of U.S. visionary pioneers, founded the progenitor of Earthrise, Proteus Corporation, to develop spirulina, a blue-green algae, as a world food resource. This team began cultivation in California in the late 1970s and later changed their name to Earthrise Nutritionals. In 1981, Earthrise developed a partnership with a Japanese company, Dainippon Ink and Chemicals (DIC), a diversified product company with a commitment to developing micro-algae for food, biochemicals and pharmaceuticals that had just begun growing spirulina in Thailand. In 2005, Earthrise Nutritionals was wholly owned by DIC corporation. Today, our farm is the world's largest spirulina farm, and together with our sister company's farm in China, DIC group is the largest spirulina producer in the world.

\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

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