

GreenSun® 90 Organic

For correction or prevention of sulphur deficiency in agricultural crops, vegetable crops, turf, and ornamentals



GENERAL INFORMATION

GreenSun® products are manufactured to exacting standards to disperse thousands of sulfur particles when it comes in contact with soil moisture. Gradual degradation of Sulfur particles results in availability over a period of time, thus reducing leaching losses and increasing yield.

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GreenSun® 90 Organic is a degradable sulfur product in a pastille-shaped form that can be used both as a source of plant nutrient sulfur and/or as a soil amendment for correction of problem alkali soils. Yearly applications of GreenSun® 90 Organic will improve soil sulfur levels as well as replenish sulfur loss associated with soluble plant nutrients. GreenSun® 90 Organic is recommended for all crops, as sulfur is required by plants to build proteins, enzymes, vitamins, and is essential in metabolic reactions.



Product Specs

Density	72 lbs/ft³
Granule size	SGN 260
Total elemental sulfur (S)	0.90 lbs.
Angle of repose	29 degrees

GUARANTEED ANALYSIS:

Total Sulfur.....**90.0%**
90% Free Sulfur (S)

Derived from: elemental sulfur

Package Sizes: Available in 50 lb bags, 2204 lb super sacks, and bulk quantities

This bulletin provides some technical information and is not intended to give complete information for all applications.

Always read and follow label directions.

Function of Sulfur (S) in Plants

Sulfur is an essential nutrient in crop production. It is classified as a secondary element, along with Mg and Ca, but it is sometimes called "the 4th major nutrient." Some crops can take up as much S as P. Sulfur has become more important as a limiting nutrient in crop production in recent years for several reasons. These include higher crop yields that require more S, less S impurities in modern fertilizers, less use of S-containing pesticides, reduced industrial S emissions to the atmosphere, and a greater awareness of S needs.

Sulfur serves many functions in plants. It is used in the formation of amino acids, proteins, and oils. It is necessary for chlorophyll formation, promotes nodulation in legumes, helps develop and activate certain enzymes and vitamins, and is a structural component of two of the 21 amino acids that form protein.

Why choose GreenSun® 90 Organic?

The sulfur in Ammonium Sulfate fertilizers (20-0-0-24) are in a water soluble form and significant rainfall events or irrigation can quickly move the sulfate sulfur below the root zone leaving the crop without adequate sulfur fertility. Mobile sulfate can end up in groundwater and impact both water quality and environment.

Early season degradation of GreenSun® 90 Organic nurtures crops as they germinate, emerge, and grow through seed set. This season-long process continues to feed the crop throughout the year and provide sulfur nutrition at every critical growth stage including seed set and filling stages.

Handling And Storage

GreenSun® 90 Organic should be stored and blended (if applicable) in a well-ventilated location to minimize accumulation of dust. Always use stringent dust control procedures to prevent a concentration of flammable dust from reaching a spark or flame source. GreenSun® 90 Organic should not be blended or stored with strong oxidizing agents. Avoid the use of augers due to fracturing of the material. Avoid inhalation of dust if possible. Avoid contact with skin and eyes. Wear proper protective equipment when handling. Dispose of used bags in accordance with local, state, and federal regulations.



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**FOR MORE INFORMATION, LABELS, MSDS
and a COMPLETE PRODUCT LIST:**

- log onto www.CoreAgri.com
- contact your sales representative
- or call: 1-800-385-4715

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