Soluble Seaweed Powder 1 lb

Model: KIS-Seaweed

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Manufacturer: KIS

Seaweed Powder 1lb
KIS soluble seaweed extract powder is a soluble extract of Ascophyllum Nodosum seaweed. It is a supplement to a well-balanced nutrition program for crops.

It is a natural product with no preservatives. It should be stored in a cool, dry location out of direct sunlight. Dilute only as much powder as needed for each use.

It is 100% water-soluble and is suitable for conventional foliar and irrigation applications.

DESCRIPTION FOR USE

Whenever possible, the total dosage should be applied in several smaller-dose applications, not one large application. Do not spray or irrigate more than once every 7 days. It may be applied by itself or as an additive with most companion materials.

The powder may be diluted in any volume of water; however, it is recommended that enough water be used to ensure complete leaf coverage. The addition of biodegradable surfactant is recommended for maximum dispersal and leaf adherence.

KIS soluble seaweed extract powder should be used at the rate of 24-48 dry ounces per acre per year for turf, crops, and plants. A minimum of 3 applications per year are recommended, but more frequent applications are preferable. Do not exceed 12 dry ounces of powder per acre in any one application.

To calculate the amount to use in each application, take the total amount of seaweed to be used per acre per season or crop cycle (24 to 48 dry ounces), and divide it by the total number of foliar or irrigation applications intended to be made during the season.

For smaller areas or for spot spraying, add 1.5 teaspoons of powder per gallon of water or 1 dry ounce of powder per 10 gallons of water and spray plants to the point of run-off.

Benefits of Seaweed For Your Plants

Many gardeners are unfamiliar with the beneficial properties of kelp, more commonly known as seaweed. This is unfortunate as seaweed can do much to improve your soil and make your garden more vigorous and healthy. This page lists in a very brief summary form some of the more important qualities of kelp. These benefits are summarized from the findings of two classic books on the role of seaweed in plant growth. They are: Seaweed and Plant Growth by Dr. T. Senn of Clemson University and Seaweed in Agriculture and Horticulture by W. A Stephenson, a pioneer in the seaweed industry.

Kelp contains over 70 trace elements utilized by your plants
Seaweed contains cytokinins which are important plant growth regulators that control plant cell division and growth

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Cytokinins are especially important in late spring and early summer when your plants are changing from a vegetative growth stage to a mature plant with flowers and fruit

Cytokinins aid in slowing plant senescence which is the gradual deterioration of plant cells and tissue effectively ending the plant's functional life

Kelp stimulates soil bacteria to release plant nutrients already found in your soil

Research has shown that cytokinins directly affects the ability of plant roots to absorb nutrients

Seaweed contains a plant sugar called mannitol which aids in releasing trace elements in your soil making them available to your plants

Seaweed increases a plant's stem strength and its ability to withstand wind and rain

Seaweed also helps your plants deal with the stresses of drought, high temperatures, and frost

Plants often need the micronutrients of kelp in amounts greater that your soil may provide

A plant's requirement for trace elements can be met by a low concentration of kelp solution applied the plant leaves

When your soil limits the amount of nutrients your plants can absorb through roots, foliar spraying seaweed solutions can be very effective in producing a faster plant response

Research has shown that kelp solutions applied to plant leaves produces a physiological response greater than can be explained by a chemical analysis of the solution's ingredient

Kelp solutions has increased the germination rates of many seeds

Seaweed extracts applied to plants has been shown to increase the shelf life of fruits and vegetables

The starches, sugars, and carbohydrates in kelp have chelating properties making the minerals contained in seaweed available to plants. Chelating is the process that combines minerals with organic molecules such as starch and sugar to make minerals available to plants

Sea water contains quantities of all known elements which are constantly being replenished from leaching and runoff from from land to the ocean

Seaweed does not have any major nutritional deficiencies as it lives in the stable, rich nutrient solution of sea water

The best times to apply a foliar solution of seaweed are early morning, late afternoon or early evening to avoid high temperature periods which may inhibit nutrient absorption

Note: not shippable Internationally

Price: $15.00

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