

AGRICULTURAL PRODUCTS



SOIL

ALL NATURAL SOIL CONDITIONER



The Natural Soil Conditioner & Root Growth Stimulant

A Natural, Safe, and Effective Way to:

Build, Condition, and Recondition Soil While Breaking Down the Petrochemical Residues in the Soil (Black Line) to Release Trapped Minerals

How Does SeaStar Soil Work?

SeaStar Soil, a natural biocatalytic agent fortified with a combination of enzymes, increases productivity of husbanded land and aids in promoting conditioning of marginal or unclaimed areas. SeaStar Soil digests and/or emulsifies the molecular shrouds that encapsulate nutritional and other soluble trace elements locked up or otherwise dormant in the soil, reducing the amount of fertilizers subsequently required. It also stimulates the activity of beneficial cultures and enhances plant synthesis through the rapid breakdown of composts and timely conversion of artificial and native fertilizer substances.

The collective biochemical reaction promoted and sustained by SeaStar Soil progressively enhances the penetrative characteristics of the soils. Residual alkalines, acids, resistant salts and other insoluble contaminants are leached more rapidly and aided by periodic irrigations gravitated to strata harmlessly below root levels. The soil also resists erosion by reducing run-off and increasing water retention through deeper penetration, facilitating transport of nutrients and reducing watering requirements up to 25%.

Product Details

- **Adds Micro Minerals and Organic Matter to Plants:**
Trace minerals in SeaStar Soil support the soil's bacteria life. Bacteria provides natural nitrogen for plant growth, unlike chemical nitrates that kill nitrogen-fixing bacteria, deplete the soil and create dependence on chemical fertilizers
- **Stimulates Root Growth**
- **Decreases Germination Time of Seeds**
- **Normalizes Soil pH:**
Can gradually bring soil into balance between overly acidic or overly alkaline
- **Releases Plant Nutrients Trapped in the Soil:**
Will yield more nutrients for plant growth without depleting the soil
- **Increases Growth Rates and Yield:**
When applied to the soil, the bacteria immediately starts to flocculate the soil similar to yeast aerating bread. Old soil and even sand can become new topsoil when SeaStar Soil is applied as directed
- **Strengthens Resistance to Pests and Fungus:**
Reduces the need for chemical pesticides, insecticides and fungicides. There will tend to be fewer pests since pests tend to attack weak or unhealthy plants. Foliar spraying will speed the process of improving plant nutrition and create healthy plants more immune to infestations
- **Economical and Convenient:**
Saves you time and money
- **Nonflammable and Long Shelf Life:**
Safely used around open flames, store below 110°F in shade in sealed container
- **All Natural Ingredients:**
No phosphates, no nitrates, no VOCs, and no flash point
- **Safe for People and the Environment:**
Nontoxic and non-irritating to humans, animals, marine life and plants



Applications

SeaStar Soil concentrate may be applied using a variety of application methods. It may be used in gravity-feed systems, drip-irrigation, sprinkler systems, or commercial spray-rigs. (If sprayer is equipped with an agitator it should be disconnected when applying SeaStar Soil to keep foaming to a minimum).

If chemicals of any kind have been used in the tank before, such as fertilizers, herbicides, insecticides, it should be thoroughly rinsed with water. When filling tank, water should be added first, then product.

Dilution Guidelines

- **Foliar Spraying:**
SeaStar Soil should be mixed at rate of 4 ounces per 1 gallon of water. Entire plant or tree (leaves, branches, and trunk) should be thoroughly sprayed. Apply as follows: First, one to two weeks after planting then at mid-maturity and finally at 75% growth.
- **Pre-Soaking Seeds:**
Mix 1 ounce per gallon of water. Immerse seeds and soak overnight.
- **Row Crops:**
Typical rates are 4 gallons per acre applied throughout the growing season by drip irrigation (0.5% solution) or spraying three times equally spaced starting just prior to planting.
- **Orchards & Groves:**
SeaStar Soil should be applied on a per acre basis.

Physical Properties

Form	Liquid
Specific Gravity	1.02
Appearance	Dark Brown
Boiling Point	Water
Flash Point	None
Shelf Life	3+ Years*
Fuming Properties	None
Biodegradable	Yes

* if kept in sealed container, stored in shade and not exposed to extreme heat (over 110°F) for prolonged periods of time.

seastar®
Engineered Clean