

Product Data Sheet for **SB5500** for Soil Maintenance

- Is a consortium of living beneficial microorganisms that have the ability to degrade a wide variety of organic polymers such as starch, cellulose, chitin, and lignin
- Has the ability to increase organic matter and CEC in the soil
- Breaks down fall residue to reduce diseases and insect pressure for the next crop
- Degrades dead plant tissue converting it to valuable organic matter
- Breaks down waxy lignins and fats in dead plant residue
- Has ability to increase organic matter and CEC in the soil
- Helps mineralize fall and spring dry plant food
- Creates a good decay system in the soil
- Promotes aeration in the soil (O₂) for enhanced microbial life
- May be compatible with most other conventional and organic products as well as fall annual herbicide applications. Physical compatibility test is recommended.
- Can be applied to most soils
- Is 100% naturally occurring and non-pathogenic
- Is not genetically modified
- Follow correct directions for your conventional or organic practices
- Is non-toxic, non-corrosive, and is safe to handle and use around plants and animals
- Contains no bacteria or biotics
- Should be used within the growing season for which it was purchased
- Has a tan color and a sweet odor

The Genuses in the Product:

- Mitigate salt in the soil and breaks down cellulose from plant residue.
- Work in the lower rhizosphere of the soil releasing soluble phosphorous for plant uptake.
- Free up calcium tied up in the soil making it available for plant uptake and will hold nitrogen in the soil.

General Directions for Conventional Agricultural Use:

- **Post-Harvest Soil Maintenance:** For a conventional residue digester program broadcast per acre 1 pint **SB5500**, 1 gallon **3 - Growth Boost**, 3 to 5 gallons Nitrogen either 28% or 32%, with 4 to 6 gallons water for a total application up to 13 gallons per acre.

General Directions for Organic Agricultural Use:

- **Post-Harvest Soil Maintenance:** For an organic residue digester program broadcast per acre 1 pint **SB5500**, 2 to 3 gallons organic fish product, using either 1 gallon **Organic 3r - Growth Boost** or 1 to 2 pounds **Organic 4r - Foliar Concentrate**, with 15 to 20 gallons water for a total application up to 24 gallons per acre.

See a SoilBiotics distributor for crop specific program.

NOTE: **Organic 4r – Foliar Concentrate** is currently CDFA approved and can be approved by some Organic Certifiers. However, **Organic 4r – Foliar Concentrate** is not currently OMRI Listed but is under review. You can substitute 1 gallon **Organic 3r – Growth Boost** for every 1 pound of **Organic 4r – Foliar Concentrate** instead.

Storage Stability

Store product in a cool location in its original container. Use handling procedures that minimize exposure to the product.

Packaging

1 Gallon Jug * 5 Gallon Case * 5 Gallon Pail * 55 Gallon Drum * 275 Gallon Tote



Safety Data Sheets and Product Labels may be obtained at [www.soilbiotics.com](\"http://www.soilbiotics.com\").

The information given here is based on our best knowledge, therefore we believe it to be true and accurate. However, we do not warrant or guarantee in any manner whatsoever, including the warranty of merchant-ability or fitness for the end user, the accuracy of the information and procedures listed herein, and will not be responsible for any damage resulting from their use.