



Product Data Sheet for **3 - Growth Boost** for Soil Maintenance, Planting, Emergence and Growth

- Is a liquid humic acid product that can be applied with most other conventional products such as starter fertilizers, UAN and other liquid nitrogen fertilizers, nutrients, herbicides, products of any pH factor, and other crop protection products as needed in growing season, as well as in a fall residue digester program. Physical compatibility test is recommended.
- Enhances the overall ability of the soil to retain moisture. Soil retains water soluble inorganic fertilizers in the root zones and leaching is reduced.
- Has the ability to increase organic matter and CEC in the soil
- Improves long term pH
- Improves organic matter in soils
- Increases efficiency and yields for applied nutrients are more easily taken up by the plant
- May enhance micronutrient uptake because of the chelating effect
- Can be applied to most soils and crops
- Is non-toxic, safe to handle, and contains no microbes, bacteria or biotics
- Should be used within the growing season for which it was purchased
- Is a dark brown liquid with a slight odor
- Humic Acid content is derived from Leonardite (Lignite ore)
- **DO NOT MIX WITH GLYPHOSATE**

General Directions for Conventional Agricultural Use:

- **Pre-Plant Soil Maintenance:** Broadcast per acre 1 gallon **3 – Growth Boost** with weed and feed or with pre-plant nitrogen application. Apply ½ gallon per acre **3 - Growth Boost** when applying 0 to 40 units of Nitrogen. Apply 1 gallon per acre **3 - Growth Boost** when applying 41 to 100 units of Nitrogen.
- **Planting:** Apply in-furrow per acre ½ to 1 gallon per acre **3 – Growth Boost** with starter fertilizer.
- **Emergence and Growth:** Foliar apply or side dress per acre ½ to 1 gallon **3 – Growth Boost** with UAN. Apply ½ gallon per acre **3 - Growth Boost** when applying 0 to 40 units of Nitrogen. Apply 1 gallon per acre **3 - Growth Boost** when applying 41 to 100 units of Nitrogen.
- **Post-Harvest Soil Maintenance:** As a conventional residue digester program broadcast per acre 1 gallon **3 - Growth Boost**, 1 pint residue digester, 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.

See a SoilBiotics distributor for crop specific program.

Storage Stability

There are no special storage or handling procedures, other than it is recommended that the product not be subject to freezing.

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.

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.

Humic Acid content is 14% based on analysis dated July 2017.