



# BioSphere AgriTech Boost (Compost Accelerant)

## *Technical Specifications and Application Instructions*

### **Product Description:**

BioSphere AgriTech Boost (Compost Accelerant) is a very concentrated complex of microbes and known soil plant amending ingredients combined with significant amounts of critical enzymes and the most effective microbe food sources designed to enhance the decomposition of Straw's, Manurers, Organic Bedding, Cuttings, Clearing. The microbial populations in BioSphere AgriTech Boost (compost accelerant) in your compost heap/pile will quickly start to breakdown all organic materials and the buildup of other unwanted forms of organic matter. Compost heap will heat up faster than normal – turn when required. There are no fillers. 100% of the ingredients have an active purpose for your soil and plants.

### **Product Specifications:**

Bacillus Mucilaginosus	3.5x10 <sup>8</sup> cfu/g
Bacillus Subtilis	1.1x10 <sup>8</sup> cfu/g
Bacillus Licheniformis	5.5x10 <sup>7</sup> cfu/g
Cellulase	3,500 cfu/g
Hemicellulase	3,500 cfu/g
Xylanase	3,500 cfu/g
Amino Acids	8.5%
Appearance:	Fine gray powder
Solubility:	98% in water (some powder may remain in Suspension)

### **Benefits:**

1. Increased decomposition of dead plant material and other unwanted organic matter.
2. Breakdown of Farm & Ranch waste, harvest trash, pruning, stalks, and other post-harvest plant material, creates a richer compost in a shorter period of time.
3. May reduce number of times required to aerate heaps or compost piles.
4. Improves air, water, and nutrient utilization in the soil.
5. Inoculates Compost with diverse populations of bacteria and fungi beneficial to organic plant materials conversion to a rich product.
6. Bolstered with fungal groups to continue to break down dead plant material after temperatures get too cold for bacteria to be effective.



## **Directions for Use:**

### Liquid Application:

1. Add 120 to 240 Milliliters of water to each 28.35 grams of BioSphere AgriTech Boost in a pail and agitate until powder goes into full suspension.
2. Add water spray tank and soak compost heap / pile directly.
3. Upon turning of a heap or pile add another soak in Mid pile or heap so that Boost can continue to quickly break down the organic materials.
4. If Tank applied - Top tank with water to disperse BioSphere AgriTech Boost throughout tank.
5. Apply directly to the heap or pile (mid turn) after adding to the mix tank.

### **Recommended Application Rate Per Ton:**

Rate: 120g to 240g per Ton of Material each turn. Short heap or pile  
240g to 320g per Ton of Material each turn. Taller heap or pile

Note: Avoid mixing biocides and BioSphere AgriTech Compost Boost as it may reduce viable microbial counts at the time of application.