



# WATER-ACTIVATED POWDER

## **PURPOSE:**

**ByoSpxtrum** is designed to enhance the indigenous plant-friendly microbial populations in the soil.

**ByoSpxtrum** is a complex combination of microbes, soil and plant amending ingredients, critical enzymes, and microbial food sources. The combination of these ingredients will make indigenous beneficial microbes explode in numbers in the soil. This will improve the organic matter in the soil and breakdown thatch and other dead plant matter into usable nutrients. Plants need more than the few so-called superstrains of beneficial bacteria and fungi. They need a wide variety and diversity of biology, which **ByoSpxtrum** delivers.

The vast complex of microbes in **ByoSpxtrum** helps plants grow efficiently and effectively at all stages of growth. Unlike other soluble powder inoculations on the market, **ByoSpxtrum's** microbes activate to full life in seconds due to the proprietary process that avoids stunning or harming them. **ByoSpxtrum** is comprised of components that are 100% non- GMO and non-synthetic, and it is approved for use on certified organic crops.

1 pouch of ByoSpxtrum (17 oz) is enough to treat approximately 5 acres.

| APPLICATION      | RATE   | FREQUENCY   |
|------------------|--|---|
| Greens/Tees      | 3.4 to 6.8 oz per acre<br>(2.2 to 4.4 grams per 1,000 sf)                        | Apply every 2 weeks   |
| Fairways         |  | Apply every 4 weeks   |
| Roughs           |  | Apply every 6 weeks   |
| General Turf     |  | Apply every 4-6 weeks   |
| Trees            | 3.4 to 6.8 oz per 100 gal of water (2.2 to 4.4 grams per gal)                    | Apply at installation and 2-4 times per year for maintenance. |
| Backpack Sprayer | 3.4 to 6.8 oz per 100 gal of water<br>(2.2 to 4.4 grams per 1,000 sf or per gal) |   |

#### Direction for spray applications:

- Activate the ByoSpxtrum by combining approximately 6 oz of water for each 1 oz of ByoSpxtrum powder in a container. Agitate the slurry until any clumps are dissolved and powder is uniformly suspended in the liquid.
- 2. Prepare your spray tank with water or liquid fertilizer as needed.
- 3. Pour the ByoSpxtrum slurry into your spray tank and agitate or top off with water to disperse it throughout the tank.
- 4. Apply directly after adding to the tank.



### **Guaranteed analysis:**

Non-plant food ingredients ......35.20% Bacillus Subtilis 3.5 x 10<sup>7</sup> cfu/g

Bacillus Subtilis 3.5 x  $10^{\circ}$  ctu/g Bacillus Megaterium 1.75 x  $10^{\circ}$  cfu/g Bacillus Licheniformis Bacillus Simplex 1.75 x  $10^{\circ}$  cfu/g Glomus Intraradices 55 ppg/g

Total Other Ingredients ......64.80%

**AVAILABLE SIZES:** PART NUMBERS:

17 ounces 11017

8 ounces E11008 (online only)

#### **KEY PRODUCT BENEFITS**

- Inoculates soil with diverse population of bacteria and fungi beneficial to soil and plant life
- · Invigorates root growth
- · Helps break down soil compaction
- · Enhances resistance to drought, pests and disease
- Improves photosynthetic performance
- · Improves nutrient uptake
- Does not contain fillers
- Increases Brix levels

#### **RECOMMENDED EQUIPMENT:**

**Backpack or Tank Sprayer** 



