

# DETONATION<sup>®</sup>

## SOD PRODUCTION & TURF PROGRAM

### BIO CATALYST MICROBIAL INOCULANT

Detonation adds a new dimension to sod & seed installation and turf maintenance. Detonation contains beneficial microbes that enhances seed germination while delivering essential turf nutrients. Plus, Detonation builds soil health by releasing enzymes, hormones, and excrements into the soil for microbial colonization. When Detonation microbes are introduced into the soil, they release and deliver nutrients and water to the turf delivering a broad range of agronomic benefits. This helps to establish a balanced microbial nutrient delivery system that promotes growth, color, rooting and turf density. This product is ideal for all turf types used in sod production, lawn care applications, and golf & sports turf maintenance programs.

#### PRODUCT BENEFITS

- **Enhances seed germination at planting while promoting establishment & growth**
- **Improves nutrient release and uptake while reducing nutrient leaching**
- **Fixes atmospheric nitrogen to enhance turf growth and enhanced nutrient efficiency**
- **Contains phosphate solubilizing bacteria which promotes rooting and turf density**
- **Releases nutrients locked in the soil and organic matter for increased nutrient availability**

#### CONTAINS NON-PLANT FOOD INGREDIENTS

- Paenibacillus polymyxa ..... 1 x 10<sup>8</sup> cfu per ml
- Bacillus subtilis ..... 1 x 10<sup>8</sup> cfu per ml
- Bacillus pumilus ..... 1 x 10<sup>8</sup> cfu per ml
- Bacillus licheniformis ..... 1 x 10<sup>8</sup> cfu per ml
- Bacillus amyloliquefaciens ..... 1 x 10<sup>8</sup> cfu per ml
- Bacillus megaterium ..... 1 x 10<sup>8</sup> cfu per ml
- Trichoderma harzianum ..... 1 x 10<sup>8</sup> cfu per ml
- Azospirillum amazonense ..... 1 x 10<sup>8</sup> cfu per ml
- Azospirillum lipoferum ..... 1 x 10<sup>8</sup> cfu per ml

\*Contains proprietary blend of microbial growth factors to enhance nodulation and maintain microbial viability

#### SOD/TURF PRODUCTION PROGRAM

- 1 quart / acre in Spring with greenup (50 degree soil temp)
- 1 pint / acre every 6 weeks
- 1 quart / acre in fall prior to dormancy

When Detonation is applied as a soil drench, a food source product is recommended with the application



**CONTACT YOUR SANCTUARY DISTRIBUTOR FOR MORE INFORMATION.**

**P.O. BOX 2330 // LADY LAKE, FL 32158 // 630.215.5660 // WWW.SANCTUARYPRODUCTS.COM**