

# DETONATION T&O

## TURF & ORNAMENTAL

### MICROBIAL INOCULANT

Detonation concentrate is a synergistic family of probiotics. Detonation solubilizes and delivers nutrients locked in the soil plus build soil microbial population. Detonation contains a wide range of pure cultures of microbes. This product delivers consistent results application after application. Detonation is applied to traditional fertilizer and calcium products. Plus, Detonation can be sprayed as a concentrate or injected into the irrigation water.

## PURPOSE

- Enhances Microbial Populations

## GENERAL INSTRUCTIONS:

- Calibrate seed treater before each treatment
- If treated with pesticides, increase rates by 15 to 20%
- Store Detonation in cool, dry location with temperature between 40 to 90 degrees

## CONTAINS NON-PLANT FOOD INGREDIENTS

Guaranteed Analysis – Soil Amending 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

99.50 %.....Inert Ingredients

## TURF GRASS APPLICATION RATES

TURF GRASS	APPLICATION USE RATES
Residential Lawn Care	8 oz to 16 oz per acre per 8 weeks
Sod Production	8 to 16 oz oz per acre per month
Fairways & Sports Turf	16 oz per acre per month
Green & Tees	16 oz to 32 oz per acre per month
Combination Tank Mixing	12 oz to 16 oz per acre per month
Calcium Impregnation	40 oz to 64 oz per ton
Fertilizer Impregnation	64 to 128 oz per ton
Fertilizer Injection	8 to 16 oz oz per acre per month

## ORNAMENTALS APPLICATION RATES

ORNAMENTALS	APPLICATION USE RATES
Flower Installation	Mix & Drench Roots Zone with 4 oz per 5 gallon of water
Tree & Shrub Installation	Drench root ball or container with 4 oz per 5 gallon of water
Tree & Shrub Maintenance	Drench plant root zone with 64 oz product in 100 gallons of water

**STORAGE & HANDLING:** APPLY ONLY AS DIRECTED. Moderately irritating to eyes – avoid contact. If contact occurs, flush eyes with cool water for 15 minutes and consult physician if irritation persists. Do not ingest. If swallowed, drink copious amounts of water and contact physician. Never give liquids to an unconscious person. Wash your hands thoroughly with soap and water after handling product. Please refer to Safety Data Sheet for more detailed information. Store product in original container with lid tightly secured. Store product in a cool, dry area (40° – 90°) out of direct sunlight. Do not allow product to freeze.

**NOTICE OF WARRANTY:** Sanctuary warrants that this product conforms to the description on the label thereof and is fit for purposes stated on such label only when used in accordance with directions and under normal use conditions. In no case shall Sanctuary be liable for consequential or indirect damages resulting from the use or handling of this product. Sanctuary makes no warranties of merchantability except as stated above.

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfc.org/metals.html>



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

**F1386**  
55 GAL  
NET WEIGHT 462 LBS.

**EXPIRATION DATE:  
DECEMBER 2026**

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