

### SEED STARTER – SLURRY METHOD

- \* Utilize as seed starter to promote germination
- \* Suggested general rate is 1 lb. per 100 lbs. of seed
- \* Lay out seeds on waterproof tray
- \* Dampen seeds with water (preferably non-chlorinated)
- \* Shake Seed Treatment on to dampened seeds
- \* Homogeneously mix water, Seed Treatment and seed until seed are covered by slurry
- \* Allow slurry to dry thoroughly on seed coat (testa)
- \* For optimum results plant seeds immediately after slurry dries

AMOUNT OF SEED	AMOUNT OF WATER	AMOUNT OF SEED TREATMENT
1 lb	½ oz	0.16 oz
5 lb	1 oz	0.8 oz
10 lb	2 oz	3.2 oz
50 lbs	10 oz	8.0 oz

### SEED STARTER – DUSTING

- \* Dust seed with product mixture at the rate of 0.15 - 0.25 oz per lb of seed
- \* Use higher rate on seeds that are difficult to germinate or seeds that produce seedlings prone to environmental stress
- \* For optimum results plant seeds immediately after dusting

### SOIL APPLICATION

- \* Blend with soil prior to planting to promote root growth and development.
- \* Incorporate at the rate of 1 tbl (15 grams) per 2 cubic feet of soil.

### SOIL-LESS MEDIA APPLICATION

- \* Adjust pH of soil-less media to range of 5.8 – 6 for optimum results
- \* Prepare 1 : 100 solution (1g/100ml) and then pour the solution through media (rockwool, coco, perlite)
- \* Dip un-moistened cuttings in the rooting powder and plant in media

# ACCELERATE™

## Seed Germination Enhancer and Root Morphogenesis

**aCellerate™** is a microbial based product specifically formulated to stimulate seed germination and enhance root morphogenesis the process by which the anatomical structures of the roots are generated and functionally organized. The processes associated with root morphogenesis are root initiation, root formation, root growth and root architecture.

The synergistic formulary addresses the nutritional, biochemical and biological requirements of the root system from initiation through plant establishment. Each ingredient in formula was chosen based on the benefit it affords the plant as well as the synergies it affords the system as a whole!

### NUTRIENTS DERIVED FROM

Protein Hydrolysate, Bone Meal, Kelp (*Ascophyllum nodosum*), Sodium Tetraborate Decahydrate

### ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

#### Active Ingredients

*Bacillus subtilis* 300,000,000 CFU per gram, *Bacillus licheniformis* 300,000,000 CFU per gram, *Bacillus megaterium* 300,000,000 CFU per gram, *Bacillus amyloliquefaciens* 300,000,000 CFU per gram, *Pseudomonas putida* 300,000,000 CFU per gram, *Pseudomonas fluorescens* 300,000,000 CFU per gram, *Azospirillum amazonense* 300,000,000 CFU per gram, *Azospirillum lipoferum* 300,000,000 CFU per gram, *Trichoderma harzianum* 50,000,000 CFU per gram, 50,000,000 CFU per gram

#### Inert Ingredients

34.00 % Hydrated Sodium Calcium Aluminosilicate  
19.95 % Non-Calcined Diatomaceous Earth (carrier for microorganisms)  
5.00 % Humic Acid (leonardite), 4.00 % Brewers Yeast Extract

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Net weight: 50 lb. bag

### GENERAL INFORMATION

- \* May be tank mixed with fertilizers, biostimulants and microbial foods (sugars, humic acids, kelp)
- \* It is advisable not to co-apply product with pesticides (fungicides, herbicides, insecticides, nematocides, fumigants) as they can compromise integrity of the beneficial organisms herein contained. If absolutely required tank mix the product with pesticide and apply within 1 hour.
- \* Never tank mix with pesticides that contain imazilil, propiconazole, tebuconazole and triflumizole.
- \* When applied in rotation with pesticides it's advisable to allow 5 - 7 days between application of pesticide and this product.
- \* Never apply product mixture just prior to a pesticide application
- \* Do not mix product and store, apply all tank mixes Within 8 hours of preparation.
- \* Agitate tank while adding product and during entire application process
- \* Always perform jar test when mixing product with other inputs to test for physical compatibility
- \* To facilitate mixing process you may create slurry (1 lb. in 2 gal of water) and add slurry to tank while agitating
- \* Optimal results achieved if product is applied early morning, evening or on an overcast day

### Warranty:

**Innovative Turf Solutions makes no warranty, either expressed or implied, concerning the use of this product other than indicated on the label.**

Innovative Turf Solutions' recommendations for the use of this product are based on tests believed to be reliable. The use and application of the product is beyond the control of the manufacturer, therefore no guarantees or warranties are expressed or implied relating to the effectiveness or performance of the product.

### NO KNOWN ENVIRONMENTAL HAZARDS.

### Storage and Disposal:

Avoid storage that may result in freezing. Store at temperatures above 5°C and under 30°C.

### KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

