

ASSURE

15-0-7

A Problem Solving Fertilizer

For Those Who Choose To Use A Zero Phosphorus Program

BROAD SPECTRUM INOCULANT: 66 STRAINS

Bacillus: 46 strains to include

Bacillus subtilis	Bacillus licheniformis
Bacillus megaterium	Bacillus pumulis
Bacillus azotoformans	Bacillus coagulans
Bacillus firmus	Bacillus amyloliquefaceans
Paenibacillus polymyxa	Paenibacillus durum
Bacillus azotoformans	Bacillus coagulans
Geobacillus stearothermophilus	

Endospore formers (survive in harsh environments)
 Free living nitrogen fixers
 Solubilize minerals & nutrients in soil profile
 Enhance nutrient absorption
 Enhance photosynthetic capacity
 Produce plant regulatory compounds (growth promotion)

Pseudomonas: 6 Strains to include

Pseudomonas putida; Pseudomonas fluorescence
Pseudomonas aureofaceans

Provide increased resistance to abiotic stress
 Produce plant regulatory compounds (growth promotion)
 Enhance photosynthetic capacity
 Free living nitrogen fixers

Streptomyces: 7 Strains to include

Streptomyces lydicus; Streptomyces griseus,
Streptomyces coelicolor

Prolific enzyme producers (nutrient solubilization)
 Produce plant regulatory compounds (growth promotion)
 Enhance soil structure.

Trichoderma: 7 Strains

Trichoderma reesei; Trichoderma hamatum;
Trichoderma harzianum

Solubilize phosphorous in the soil
 Facilitate nutrient absorption
 Provide increased resistance to abiotic stress

Microbial Nutrients

Dextrose 55.00 %, 10.00% Sucrose,
 3.00 % Amino Acids **Amino Acids to include Methione,**
 3.0 % Vitamin Blend (B Complex, Biotin),
 2.50 % Natural Silica (Drying Agent)

Total Nitrogen(N).....**15.00%**
 0.75% Ammoniacal Nitrogen
 3.75% Urea Nitrogen
 3.50% Other Water Soluble Nitrogen
 7.00% Water Insoluble Nitrogen*
 Soluble Potash (K₂O).....**7.00%**
 Calcium (Ca)1.00%
 Total Magnesium (Mg).....0.50%
 0.25% Water Soluble Magnesium
 Total Sulfur (S)1.00%
 1.00% Sulfur, Combined
 Copper (Cu)0.10%
 Iron (Fe)1.00%
 0.50% Water Soluble Iron
 Total Manganese (MN)0.10%
 0.05% Water Soluble Manganese
 Sodium (Na)0.10%
 Zinc (Zn)0.10%

Derived from: Feather meal, meat and bone meal, potassium sulfate, kelp meal, ferric oxide, ferrous sulfate, urea, methylene urea, magnesium sulfate, magnesium oxide, manganese sulfate, manganese oxide, zinc oxide, cupric oxide.

*7.00% Slow or controlled release Nitrogen derived from Feather Meal & Methylene Urea.

Spreader Setting Information:

READ BEFORE USING PRODUCT ___ APPLY ONLY AS DIRECTED

The following spreader settings are approximate and will vary with equipment condition and application technique. You may need to adjust these settings to achieve the desired coverage.

Typical Spreader Settings: 15-0-7

Lbs. N/1,000 sq.ft.....1/2.....3/4.....1.0
 Sq.ft./50 lb. Bag.....15,000.....10,000.....7,500

Cyclone	.....3 1/2	.....4 1/2	.....5 1/2
Earthway Rotary	.....14	.....16	.....18
Lesco	.....H	.....I	.....J
PSB Priselawn	.....3 3/4	.....4 1/2	.....5 1/2
Scotts RX7	.....E	.....G	.....I
Scotts R8	.....I	.....K	.....M
Spyker	.....3.6	.....4.1	.....5.0