



WITH MYCORRHIZA + BENEFICIAL MICROBES

A COMPLETE PLANT NUTRIENT FORMULA FOR ENHANCED PLANT PERFORMANCE

Endomycorrhizal Fungi

Glomus intraradices 36 propagules per gram, Glomus mossae 36 propagules per gram,
Glomus aggregatum 36 propagules per gram

Ectomycorrhizal Fungi

Rhizopogon villosullus 25,000 propagules per gram, Rhizopogon luteolus 25,000 propagules per gram,
Rhizopogon amylopogon 25,000 propagules per gram, Rhizopogon fulvigleba 25,000 propagules per gram,
Pisolithus tinctorius 25,000 propagules per gram

Rhizobial Microorganisms

Bacillus subtilis 50,000,000 CFU per gram, Bacillus licheniformis 50,000,000 CFU per gram,
Bacillus megaterium 50,000,000 CFU per gram, Bacillus pumilis 50,000,000 CFU per gram,
Bacillus azotoformans 50,000,000 CFU per lb, Bacillus coagulans 50,000,000 CFU per gram,
Bacillus firmus 50,000,000 CFU per gram, Bacillus amyloliquefaciens 50,000,000 CFU per gram

Rhizobial Microorganisms Continued

Paenibacillus polymyxa 50,000,000 CFU per gram, Paenibacillus durum 50,000,000 CFU per gram,
Pseudeomonas aureofaceans 500,000 CFU per gram, Pseudomonas fluorescence 500,000 CFU per gram,
Streptomyces lydicus 500,000 CFU per gram, Streptomyces griseus 500,000 CFU per gram, Trichoderma
reesei 500,000 CFU per gram, Trichoderma hamatum 500,000 CFU per gram
Saccharomyces cerevisiae 500,000 CFU per gram

Microbial Nutrients

Natural Sugars 13.00 % Dextrose, 12.00% Sucrose, 3.00 % Amino Acids, 3.0 % Vitamin Blend,
2.50 % Natural Silica (Drying Agent), Amino Acids to include Methionine, Biotin, Folic Acid,
B Complex Vitamins, 1.50 % Potassium Humate (leonardite), 1.50 % Kelp (Ecklonia maxima)

Total Nitrogen	5.00%
1.10% Ammoniacal N	
1.4 Urea N	
2.5% Water Insoluble N *	
Available Phosphate, P2O5	5.00%
Soluble Potash, K2O	5.00%
Calcium, Ca	5.00%
Iron, Fe	5.00%
5.00% Ferrous Sulfate (water soluble)	
Total Magnesium, Mg	2.50%
0.1% Water Soluble	
Copper (Cu)	0.20%
Total Manganese (MN)	0.20%
0.10% Water Soluble Manganese	
Zinc (Zn)	0.20%

Derived From: feather meal, potassium sulfate, monoammonium phosphate, calcium carbonate, urea, meat and bone meal, kelp meal, ferric oxide, magnesium oxide, manganese oxide, copper oxide, zinc oxide.
*2.5% Slow or controlled release Nitrogen derived from feather meal

Kelp Concentrate .25 lbs. per 1000 sq. ft. **Humic Acid, 15% conc.** .25 lbs. per 1000 sq. ft.

APPLICATION RATES FLOWERS ORNAMENTALS:

Bedding plants:

Apply 10 oz. (1 1/2 cups) per 100 square feet (10 x 10) and mix into top 2 – 3 inches of soil.

Potting soil mix:

10 inch planter -----4 tablespoons. 12 inch planter-----10 tablespoons.

DIRECTIONS:

For general potting purposes, mix 10 oz. of Assure Flower & Vegetable Success with 15 quarts (1/2 cubic foot) potting soil. This will create enough mix to 60 four inch pots. For planting beds and vegetable gardens, mix 10 oz. of Assure Flower & Vegetable Success with the top 2 inches of soil per 100 square feet

