

Compete® Plus

Compete® Plus is a dry, dispersible rhizosphere inoculant that contains numerous strains of beneficial soil microbes. Rhizobacteria increase the solubility of mineral elements, such as potassium, phosphorus, calcium, etc., fix atmospheric nitrogen, and increase nutrient availability. Plus, certain rhizobacteria help increase mycorrhizal development. *Compete® Plus*:

- Promotes soil conditions that are favorable to root development
- Colonizes the root zone with beneficial microbial populations
- Breaks down soil organic matter in humus and recycles mineral elements

The microbes in Compete® Plus are live proprietary strains selected and packaged by Plant Health Care, Inc. to promote plant health. The microbes are added in the form of microbial spores, numbering in the hundreds of billions of CFU's per pound, and include beneficial rhizosphere bacteria, several species of *Bacillus*, the actinomycete *Streptomyces*, as well as beneficial soil fungi of the genus *Trichoderma*. These microbes are formulated in a proprietary nutrient blend of vitamins, soluble humic acids, and seaweed extract to maximize product performance.

DIRECTIONS FOR USE

Mix thoroughly in water and apply as a soil drench, or through spray or injection equipment.

APPLICATION RATES

TREE/SHRUB CARE RATES

Application	Compete® Plus	Water Volume	Method of Application	Coverage
Installations	1/4 pound	15 to 25 gallons	drench or spray soil to saturation	water-in
Maintenance	1/2 pound	50 gallons	Soil inject, drench or spray	2500 square feet
Stress Recovery	1 pound	50 gallons	Soil inject, drench or spray	2500 square feet

ORNAMENTAL PLANTS/POTTED PLANTS

Application	Compete® Plus	Water Volume	Method of Application	Coverage
New plantings	1/2 pound	15 to 25 gallons	Drench or spray to soil saturation	Apply 1/4 of pot volume
Maintenance	1/4 pound	15 to 25 gallons	Drench or spray to soil saturation	Apply 1/4 of pot volume

TURFGRASS/GREENS & TEES/ATHLETIC FIELDS

Application	Compete® Plus	Water Volume	Method of Application	Coverage
Initial	4 pounds	50 to 100 gallons	Drench or spray to soil saturation	1 acre
Maintenance: Every 2 to 3 weeks during the growing season	2 pounds	50 to 100 gallons	Drench or spray to soil saturation	1 acre

IN-LINE SYSTEMS

Fertigation	Compete® Plus	Mix Tank	Dilution Setting	Frequency
Dosatron	1 pound	5 gallons	1:100	After application, rinse water through system

Mixed solution should be used within a 12 hour period.

VERSATILE MICROBIAL INOCULANT

GUARANTEED ANALYSIS

SOIL AMENDING INGREDIENTS GUARANTEED ANALYSIS

BENEFICIAL RHIZOSPHERE MICROBES

50 Million cfu/g	.....	<i>Bacillus azotofixans</i>
50 Million cfu/g	.....	<i>Bacillus licheniformis</i>
50 Million cfu/g	.....	<i>Bacillus megaterium</i>
50 Million cfu/g	.....	<i>Bacillus polymyxa</i>
50 Million cfu/g	.....	<i>Bacillus subtilis</i>
50 Million cfu/g	.....	<i>Bacillus thuringiensis</i>
1 Million cfu/g	.....	<i>Streptomyces griseoviridis</i>
10 Million cfu/g	.....	<i>Trichoderma harzianum</i>

INERT INGREDIENTS% by Weight

Sugar (dextrose)	.....	40%
Soluble humate	.....	24.5%
Cold water sea kelp extract	.....	19.5%
Derived from <i>Ascophyllum nodosum</i>		
Maltodextrin	.....	8%
Yeast extract	.....	5%
Precipitated silica	.....	2%
Polyethylene glycol	.....	1%

STORAGE/SHELF LIFE

This product is stable in cool, dry storage conditions. See expiration date on package.

HEALTH AND SAFETY INFORMATION

- In case of allergic reaction(s), treat symptoms and contact physician.
- Avoid breathing dust or spray mist.
- Wash hands after handling.
- In case of ingestion, seek medical attention.
- **Keep out of reach of children.**

PACKAGING

1/2-Lb bags, 5 per box

TECHNICAL ASSISTANCE

For technical assistance, call 1-800-421-9051



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