

PHC® NATURALLY BETTER

Compete® Plus

MICROBIAL RHIZOSPHERE (ROOT ZONE) INOCULANT

Compete® Plus is a dry, water-dispersible soil inoculant that contains numerous strains of beneficial rhizosphere bacteria and fungi. These are selected for their ability to instill in depleted soil a good complement of vibrant, active microbes which fix nitrogen, solubilize phosphorus, and continually degrade organic matter, releasing bound minerals. Such microbial activities are characteristic of rich forest soil, to which plants respond favorably.

2-PART PACKAGING: Compete Plus is bagged in two-part packaging. Each combination of one "C" packet and one "D" packet, taken together, comprises one-half pound. Both packets must be mixed in the same tank.

DIRECTIONS FOR USE – LANDSCAPE AND NURSERY:

Mix thoroughly in water and apply as a surface spray or by soil injection. If surface spray is done, follow with irrigation to wash the product into the soil. For turf, apply 1-Lb (two "C" packets and two "D" packets) per 10,000 sq. ft. Thereafter, apply half this rate every 2-3 weeks. For greenhouse or nursery applications, mix 1-Lb (two "C" packets and two "D" packets) per 100 gallons. For soil injection, 1/2 -Lb (one "C" packet and one "D" packet) will treat 2,500 sq feet.

DIRECTIONS FOR USE – AGRICULTURE:

Greenhouse Plug Drench Treatment: Mix PHC Compete Plus with water at a rate of 1-Lb (two "C" packets and two "D" packets) per 100-gallons water and adjust travel speed as needed to treat 800 standard flats. Apply as a drench 1 week after seeding and again 7-10 days before shipping to the field.

Plant Water Treatment: Mix with the plant water at a rate of 1-Lb (two "C" packets and two "D" packets) per 100-gallons and apply approximately 3-oz per plant.

Drip Irrigation Treatment: Thoroughly mix PHC Compete Plus with water before pouring it into the head bucket (injector box). Use at least 1-gallon of water for mixing each pound of product. Apply by drip irrigation at a rate of 1/2-Lb (one "C" packet and one "D" packet) per 7260 linear feet of plant bed, or 1.1-oz for each 1000 linear feet. For best results, repeat application throughout the season at 2 to 3 week intervals.

Citrus and Tropical Fruit Tree Program: Drip Irrigation Treatment: Thoroughly mix PHC Compete Plus with water first before pouring it into an agitated mix tank. Apply by drip irrigation at a rate of 1/2-Lb (one "C" packet and one "D" packet) per acre. For best results, repeat application throughout the season at 2 to 3 week intervals. For more complete instructions, see enclosed directions.

NOT A PLANT FOOD PRODUCT CONTAINS NONPLANT FOOD INGREDIENTS

ACTIVE SOIL AMENDING INGREDIENTS

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 pumilus</i>
10 Million cfu/g	.....	<i>Streptomyces griseoviridis</i>
1 Million cfu/g	.....	<i>Trichoderma harzianum</i>

Microbial Nutrients	.....	66%
48% Maltodextrin		
5% Yeast Extract		
13% Soluble Seaweed extract (derived from <i>Ascophyllum nodosum</i>)		

Humic Acids (derived from Leonardite)	17%
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INERT INGREDIENTS17%

8% Precipitated silica
6% Leonardite Extract (other than humic acids)
3% Polyethylene glycol

STORAGE: Store in a dry place away from direct sunlight, and avoid extreme heat or cold.

HEALTH & SAFETY INFORMATION:

- Wash hands after handling.
- Avoid contact with eyes or broken skin.
- Wear eye and skin protection when handling bacterial inoculants.
- Do not inhale dust or mist.
- Protect against dust or mist exposure.
- In case of ingestion, seek medical attention.
- In case of allergic reactions, treat symptoms and contact a physician.
- Keep out of reach of children.

**Net Wt 2.5-Lb (5 x 1/2-Lb packet pairs)
1.14-Kg (5 x 227-g packet pairs)**

F699



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Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-lebsea.com>.

EXPIRATION DATE: