

PHC® Flower Saver®

PHC® Flower Saver® inoculant is used as a root zone treatment for ornamental flower beds and gardens to improve the health, vigor and stress resistance of plants. It contains a dry "cocktail" blend of four selected species of vesicular-arbuscular mycorrhizal (VAM) fungi in long-lasting spore form that colonize and invigorate the roots of all garden flowers, perennials and plants commonly used in landscape plantings. Included in the blend is the proprietary stimulant, Colonize™, which speeds root colonization by VAM fungi. PHC® Flower Saver® also contains beneficial rhizosphere bacteria and rich organic soil nutrients. The result is a complete soil treatment for promoting healthy, long lasting flowers. PHC® Flower Saver® benefits all VAM plant species including: annual bedding plants, flowering plants, foliage plants, vegetables, perennials, bulbs, tubers, herbs, groundcovers, deciduous and broadleaf ornamental grasses and ornamental shrubs. *PHC® Flower Saver®*:

- Reduces heat and drought stress damage
- Facilitates better survival and growth of new plantings
- Reduces labor and replacement costs
- Results in less dead-heading

DIRECTIONS FOR USE

FLOWER BEDS AND GARDENS: Prior to planting or seeding, spread PHC® Flower Saver® over the treated area at a rate of 6 pounds per 100 square feet and rake or rototill it into the top 2 to 3 inches of soil. At this rate, the product delivers 200 VAM fungal spores per square foot.

APPLICATION RATES

Application	Rate	Method	Coverage
Flower Beds and Gardens	30 pounds	rototill	500 sq ft
Flower Beds and Gardens	5 pounds	rototill	80-85 sq ft

2 cups = 1 pound of PHC® Flower Saver®.

1 ounce = 2 tablespoons PHC® Flower Saver®.

1 ounce PHC® Flower Saver® per one gallon container.

FIELD PLANTING OF CONTAINERIZED PLANTS: Measure one ounce of PHC® Flower Saver® per gallon of container size. Mix PHC® Flower Saver® evenly in the backfill in the upper 4 to 6 inches of soil around the root ball or plug. Pack lightly and water to soil saturation. One pound of product contains about 25 to 30 level tablespoons.

BULBS AND INDIVIDUAL BARE ROOT PLANTS: Measure one teaspoon of product per bulb or plant. Mix product with soil in the planting hole just below the bulb or directly in or around the root zone. For larger plants, base product rate on approximate volume of planting hole using one ounce PHC® Flower Saver® per one gallon container. One pound of product is equivalent to about 85 to 95 level teaspoons.

MYCORRHIZAL FUNGI AND RHIZOSPHERE BACTERIA FOR FLOWER BEDS AND GARDENS

GUARANTEED ANALYSIS OF SOIL/PLANT AMENDING INGREDIENTS

VA Endomycorrhizal (VAM) Fungi.....10,000 spores/Lb
 2500 spores/Lb *Entrophospora columbiana*
 2500 spores/Lb *Glomus etunicatum*
 2500 spores/Lb *Glomus clarum*
 2500 spores/Lb *Glomus intraradices*

Rhizosphere *Bacillus spp.*.....510 Million cfu/Lb
 85 Million cfu/Lb *Bacillus licheniformis*
 85 Million cfu/Lb *Bacillus megaterium*
 85 Million cfu/Lb *Bacillus polymyxa*
 85 Million cfu/Lb *Bacillus subtilis*
 85 Million cfu/Lb *Bacillus thuringiensis*
 85 Million cfu/Lb *Paenibacillus azotofixans*

SOIL/PLANT AMENDING INGREDIENTS.....% by Weight
 Humic Acids20%

MICROBIAL NUTRIENTS30.1%
 25.9% Seaweed Meal (derived from *Ascophyllum nodosum*)
 3.4% Yucca Plant Extract (derived from *Yucca schidigera*)
 1.7% Maltodextrin

INERT INGREDIENTS49.9%
 12% Leonardite (other than humic acids)
 34.4% Rock Phosphate
 2.6% Mineral oil
 0.9% Kaolin clay

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

30-Lb box

TECHNICAL ASSISTANCE

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

Plant Health Care, Inc. • 440 William Pitt Way
 Pittsburgh, PA 15238 • Tel: (800) 421-9051
 Fax: (412) 826-5445 • www.planthealthcare.com
 © 2005 Plant Health Care, Inc



LIMITED WARRANTY Plant Health Care, Inc. offers for sale the product PHC® Flower Saver®. THERE ARE NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE which extend beyond the description of the product in this specification sheet or other product literature, and liability of Plant Health Care, Inc. is limited to replacement of any product which does not meet these specifications. Suggestions for use and information on results obtained with its use are assumed by the manufacturer to be reliable. Since conditions of use are outside the control of Plant Health Care, Inc. the buyer is responsible for all results, including injury and damage stemming from the use of this product alone or in combination with other materials.