

# PHC<sup>®</sup> Injectable for Trees

CONTAINS  
**myconate**

PHC Injectable for Trees contains spores of beneficial endo- and ectomycorrhizal fungi in a mixed formulation of dry soluble soil amendments and beneficial rhizosphere bacteria, designed to be applied in liquid solution using soil injection equipment. Also included is Myconate<sup>®</sup> (formononetin), a patented stimulant of VAM fungi.

## DIRECTIONS FOR USE

**Established Trees and Shrubs:** Mix one "A" packet and one "B" packet per 50 gallons of water to treat 1250 square feet. Agitate the mixture thoroughly before application. Spray tanks with good agitation are recommended. Inject the mixed product under cool pressure (10-200 psi maximum) into the upper 8 to 10 inches of the root zone with the use of a soil probe at a rate of 1-quart per injection on 2.5 to 3-foot centers. At a minimum, treat the root zone under the canopy and when possible, beyond the drip line. Avoid hot injection systems, as prolonged heat above 115° F can kill the spores. Not recommended as a soil drench.

**Highly Compacted Soils or Confined Root Areas:** Mix two "A" packets and two "B" packets per 50 gallons of water and inject 1 pint on 2.5 to 3-foot centers to treat 2500 square feet.

**B&B Transplants:** Mix one "A" packet and one "B" packet per 50 gallons of water, agitate thoroughly, inject root ball and outside edges under 150-200 psi max. with a soil probe at a rate of 1 quart per injection, following the chart below.

B&B APPLICATION RATES			
CALIPER	ROOT BALL DIAMETER*	RATE PER TREE	# OF INJECTION SITES
2 inch	24 inch	1.5 gallons	6
3 inch	36 inch	2 gallons	8
4-5 inch	48-50 inch	3 gallons	12
6 inch	60 inch	4 gallons	16
7 inch	70 inch	5 gallons	20
8 inch	80 inch	6 gallons	24

\*B&B root ball diameters are based on tree size according to American Nursery Standards.

## STORAGE / SHELF LIFE

This product is stable in cool, dry storage conditions. See expiration date below. Use mixed solution within 12 hours.

## HEALTH & 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.

## TECHNICAL ASSISTANCE

For technical assistance, call 1-800-421-9051. Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-phc.com>

LIMITED WARRANTY - Plant Health Care, Inc. offers for sale the product PHC Injectable for Trees. THERE ARE NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE which extend beyond the description of the product on this package or in 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.

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## GUARANTEED ANALYSIS

Ectomycorrhizal Fungi.....	1.78 Billion spores/Lb
1.78 Billion spores/Lb <i>Pisolithus tinctorius</i>	
VA Endomycorrhizal (VAM) Fungi.....	80,000 spores/Lb
20,000 spores/Lb <i>Glomus clarum</i>	
20,000 spores/Lb <i>Glomus etunicatum</i>	
20,000 spores/Lb <i>Glomus intraradices</i>	
20,000 spores/Lb <i>Entrophospora columbiana</i>	
Rhizosphere <i>Bacillus</i> .....	24 Billion cfu/Lb
4 Billion cfu/Lb <i>Bacillus azotofixans</i>	
4 Billion cfu/Lb <i>Bacillus licheniformis</i>	
4 Billion cfu/Lb <i>Bacillus megaterium</i>	
4 Billion cfu/Lb <i>Bacillus polymyxa</i>	
4 Billion cfu/Lb <i>Bacillus subtilis</i>	
4 Billion cfu/Lb <i>Bacillus thuringiensis</i>	

## SOIL/PLANT AMENDING INGREDIENTS % by Weight

Humic acids .....	15.8%
(derived from Leonardite)	
Formononetin .....	0.2%
Microbial Nutrients .....	68.9%
54.8% Maltodextrin	
11.2% Soluble seaweed extract	
(derived from <i>Ascophyllum nodosum</i> )	
2.7% Yeast extract	
0.2% Yucca plant extract	

## INERT INGREDIENTS ..... 15.1%

6.7% Non-humic acid components of Leonardite
6.0% Kaolin clay
2.4% Polyethylene glycol

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