

# PHC<sup>®</sup> Natural MiniPlug

PHC *Natural* Mini Plug is a mycorrhizal fungal inoculant for potting soils used in miniature container plugs for organic production. The concentration of VAM fungal spores is very high to ensure inoculation of each very small plug. There are 288,000 VAM fungi spores per Lb, representing 2 different species.

- Improve water uptake and drought tolerance
- Increase absorption of mineral elements
- Improve survival by minimizing "transplant shock"
- Improve growth and yield especially under stress
- Improve survival and growth of difficult-to grow plants

## DIRECTIONS FOR USE

Blend PHC<sup>®</sup> Natural Mini Plug thoroughly with potting soil at a rate of 2-Lbs per cubic yard (1-Kg/m<sup>3</sup>).

For tomatoes and peppers, use 4-Lbs per cubic yard (2-Kg/m<sup>3</sup>). Avoid high levels of fertilizer, which can inhibit VAM development, and mask its benefits to plants.

## FUNGICIDES

Some fungicides (especially systemic fungicides like Benomyl) can have a detrimental effect on VAM fungi in PHC Natural Mini Plug. Soil application of any fungicide is not recommended until at least two weeks after inoculation of the potting medium. Foliar application of nonsystemic fungicides poses no problems. Of course, use of fungicides is restricted in any organic program.

## STORAGE/SHELF LIFE

Store in a dry location at room temperature. Avoid freezing temperatures, heat above 120° F, moisture, and prolonged exposure to direct sunlight.

## HEALTH AND SAFETY INFORMATION

- Gloves Recommended
- Wear dust mask
- Not intended for Ingestion
- Wash hands after handling
- Keep out of reach of children

## PACKAGING

4-Lb box



## FOR ORGANIC FARMING

### MYCORRHIZAL (VAM) FUNGAL INOCULANT FOR PLANT PLUGS IN SMALL CONTAINERS

GUARANTEED ANALYSIS OF SOIL/PLANT AMENDING INGREDIENTS	
VA Mycorrhizal Fungi Spores .....	288,000 spores/Lb
144,000 spores/Lb <i>Glomus intraradices</i>	
144,000 spores/Lb <i>Entrophospora columbiana</i>	
INERT INGREDIENTS	
60% Vermiculite	
20% Greensand	
20% Sand/Clay (residual potting medium)	

## 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>.

Benefits of VAM Fungi Plants grown in soil-less media or fumigated soils often suffer from a root system that lacks the beneficial mycorrhizal fungal partnerships which are important for natural, healthy growth. By inoculating roots with proven VAM fungal associates early in life, the health of these plants is greatly enhanced. VAM fungi occur naturally on the majority of plant species of the world, but are often absent in artificial propagation systems. Flowers, vegetables (except *Brassica*), bedding plants and other plants propagated in mini plugs benefit from this inoculant.

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

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