

# INOCULANT

## General Information

PHC Mini Plug is a highly concentrated, dry mix spore inoculant for establishing vesicular-arbuscular mycorrhizal (VAM) symbiosis on roots of plants grown in small container plugs, including trees and shrubs, flowers, fruits and vegetables. A high propagule concentration is needed to ensure adequate distribution of spores throughout the medium. VAM plants have better survival and growth, absorb more nutrients, especially phosphorus and other mineral elements, and have improved abilities to efficiently absorb more water from soil than plants without VAM. PHC Mini Plug contains spores and other propagules of two different VAM fungi that are compatible with most VAM plants. The spore concentration is very high (288,000 per pound) to ensure inoculation of small containers and plugs. PHC Mini Plug also contains Colonize, our proprietary stimulant of VAM fungi, to promote rapid colonization of the root system. PHC Mini Plug:

- 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

## Limitations, Restrictions, and Exceptions

### INOCULANT

PHC Mini Plug is applied by blending thoroughly into the potting mix at a rate of 2 pounds per cubic yard (1-Kg/m<sup>3</sup>).

#### Method

[N.A.](#)

#### Rates

[field rates 0](#)

[field\\_rates 1](#)

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Timings

[N.A.](#)