

PRO-MIX HP MYCORRHIZAE™

PRO-MIX HP MYCORRHIZAE™ is a high porosity peat-based growing medium ideal for water sensitive crops, rooting cutting and/or low-light growing conditions that contains a beneficial mycorrhizal inoculum (*Glomus intraradices*). These microscopic fungi attach to and colonize root systems to benefit plants by increasing water and nutrients acquisition (especially Phosphorus, Copper and Zinc). This symbiotic relationship between fungi and plant results in overall improved plant growth. **PRO-MIX HP MYCORRHIZAE™** is suitable for a wide variety of horticultural plants, especially when high air capacity and extra drainage are required.

INGREDIENTS

- Canadian Sphagnum Peat Moss (65-75%)
- Perlite - horticultural grade
- Dolomitic and Calcitic limestone (pH adjuster)
- Wetting Agent
- **MYCORRHIZAE™** mycorrhizal inoculum (*Glomus intraradices*)

FEATURES

- High perlite content, peat-perlite based growing medium
- Low water retention
- Designed for water sensitive crops
- Ideal for cultural conditions with low-light and excess moisture/humidity
- Includes **MYCORRHIZAE™** mycorrhizal inoculum (*Glomus intraradices*) fungi

BENEFITS

- Dries out more frequently than general purpose, peat-based mixes
- Well suited for low-light growing conditions and high humidity
- Less difficult to overwater crops
- Reduces incidence of water related problems (root diseases, algae and fungus gnats)
- Holds less water for improved leaching of fertilizer salts during crop cycle
- **MYCORRHIZAE™** improves overall growth of plants and increases yields of flowers/fruits.

CHEMICAL CHARACTERISTICS:

- pH Range: 5.2 - 6.2 (S.M.E.)
- pH Incubated:..... < 6.2 after 7 days saturation (S.M.E.)
- Electrical Conductivity: ... 1.0 - 1.8 mmhos/cm (S.M.E.)
- S.M.E.¹ Nutrient Analysis:

ppm (mg/l) *										
NO3-N nitrate	PO4-P phosphate	K potassium	Ca calcium	Mg magnesium	S-SO4 sulfate	Fe iron	Zn zinc	Cu copper	Mn manganese	B boron
70-130	5-40	50-130	100-180	20-45	30-100	0.8-2.2	0.1-1.2	< 0.3	0.3-1.0	< 0.6

1 - Saturated Medium Extract

PHYSICAL CHARACTERISTICS:

- Air Porosity:..... 14 - 20% by volume (6 inch pot)
- Bulk Density: 8 - 10 lb./cu.ft. (0.13-0.16 g/cm³)
- Moisture Content: 30 - 50 % by weight
- Saturated Weight: 55 lb./cu.ft. (880 g/l) avg.
- Water-Holding Capacity:.. 50 - 70 % by volume

PACKAGE SPECIFICATIONS:

Product Code	Package Size	Units / pallet	Weight / unit	Minimum Yield
PT20281	2.8	57	25-35 lb	2.8 cu ft
PT20381	3.8	30	60-75 lb	7 cu ft

*West only.