

PRO-MIX BX BIOFUNGICIDE™

PRO-MIX BX BIOFUNGICIDE™* is a general purpose peat-based growing medium enriched with a biofungicide (*Bacillus Subtilis*) to prevent root diseases. Biofungicide suppresses *Pythium*, *Fusarium* and *Rhizoctonia*, disease-causing organisms that attack root systems. The bacteria also act as a biostimulant, which results in a vigorous root system for more uniform plant stands after transplanting and improved crop performance. **PRO-MIX BX BIOFUNGICIDE™** is compatible with a wide variety of ornamental plant species, fruit crops and most vegetable transplants.

INGREDIENTS

- Canadian Sphagnum Peat Moss (75-85%)
- Perlite - horticultural grade
- Vermiculite - horticulture grade
- Dolomitic and Calcitic limestone (pH adjuster)
- Wetting Agent
- **BIOFUNGICIDE™** (*Bacillus Subtilis* MBI 600)

FEATURES

- Traditional peat-based growing medium with perlite and vermiculite
- Is pH adjusted
- Multi-purpose, general-purpose mix for transplanting a wide variety of plant species
- Ideal for the production of vegetable transplants in large cell trays.
- Includes **BIOFUNGICIDE™** (*Bacillus Subtilis* MBI 600)

BENEFITS

- This product answers the needs of most growing applications
- Light-weight, low bulk-density
- High water-holding capacity
- Vermiculite improves nutrient retention
- **BIOFUNGICIDE™** reduces incidence of root diseases to improve overall growth of plants.

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:..... 12 - 17% by volume (6 inch pot)
- Bulk Density: 8 - 10 lb./cu.ft. (0.13-0.16 g/cm³)
- Moisture Content: 35 - 50 % by weight
- Saturated Weight: 56 lb./cu.ft. (900 g/l) avg.
- Water-Holding Capacity:.. 60 - 75 % by volume

PACKAGE SPECIFICATIONS:

Product Code	Package Size	Units / pallet	Weight / unit	Minimum Yield
PT10382	3.8	30	60-75 lb	7 cu ft