



Data Sheet

PROTERRA HIGH DRAINAGE MIX

A very porous growing media created with long-fibered Canadian sphagnum peat moss including large peat chunks and coarse perlite. ProTerra HDM is designed for crops that require higher air capacity and drainage. Fortified with a well balanced charge of macro and micro nutrients, wetting agent and pH balanced with dolomitic and calcitic limestone. Specially designed and developed for high aeration with less weight. Because of its porosity, ProTerra HDM is highly resistant to the formation of algae.

COMPONENTS:

Canadian Sphagnum Peat Moss
 Horticultural Perlite
 Dolomitic Limestone
 Calcitic Limestone
 Wetting Agent
 Starter Nutrients Charge

CHEMICAL CHARACTERISTICS:

pH Range: 5.4 – 6.3 (S.M.E)
 Electrical Conductivity: 1.2 – 2.0 mmhos/cm (S.M.E)
 S.M.E. Nutrient Analysis: results in ppm (mg/L)

| N-NO ₃ nitrate nitrogen | N-NH ₄ ammoniacal nitrogen | P phosphorus | K potassium | Ca calcium | Mg magnesium | Na sodium | Zn zinc | Mn manganese | Cu copper | Fe iron | B boron |
|--|---|-----------------|----------------|---------------|-----------------|--------------|------------|-----------------|--------------|-------------|------------|
| 50-90 | 5-10 | 10-30 | 80-150 | 90-160 | 30-60 | 20-50 | < 0.3 | 0.2-0.5 | < 0.3 | 0.7- 1.5 | < 0.5 |

Particle Size Analysis (CPVQ Method Agdex 533):

| | COARSE | MEDIUM | | | | FINE | |
|-----|--------|--------|-------|-------|------|------|-----|
| #US | ¼ | 5 | 10 | 20 | 50 | 100 | Pan |
| mm | 6.35 | 4.00 | 2.00 | 0.85 | 0.3 | 0.15 | |
| % | 15-25 | 8-15 | 15-25 | 30-45 | 5-10 | 2-6 | 1-5 |

PHYSICAL CHARACTERISTICS:

Air Porosity: 14 - 22% (V/V)
 Bulk Density: 6 - 10 lbs /cu.ft. (0.1 - 0.16 g/cm³)
 Moisture Content: 35 - 55% by weight
 Water-Holding Capacity: 50 - 65% by volume

Note: The information above is accurate and reliable to the best of our knowledge. However, such information is not to be interpreted as representing a warranty or guarantee as to its accuracy and reliability or completeness. No warranty of any kind is given or implied and LAMBERT PEAT MOSS Inc. will not be liable for any damages, losses, injuries or consequential damages which may result from the uses or reliance on any information contained.

These data are for information purposes only. Peat moss is a natural product; therefore, results for individual samples may vary.

