



# Product Data Sheet

## High Porosity Mix



### Product Description:

High Porosity Mix is a pine based professional growing media designed for containers 4" and larger containers. Utilization of southern pine bark fines as the base will decrease settling of the mix and will hold up for longer term crops. Mix is pH buffered with a combination of dolomitic and high calcium lime to ensure proper Ca/Mg balance in the substrate. Starter charge provides up to 2 weeks of crop support. Blue chip (38-0-0) is included to stabilize the organic matter in blends to prevent any nitrogen immobilization. High Porosity mix is manufactured at optimum moisture content of 45 to 60 percent which will increase the pot per cubic foot yield and positively impact soil structure.

### Ideal Uses:

- 4-6" containers
- 8-12" Containers
- Hanging Baskets
- >12" Containers
- Mums

### Available In:

- 2.8 CF Bags
- 60 CF Totes
- Bulk

### Composition/Ingredients:

- 3/8" Southern Pine Bark Fines
- Canadian Sphagnum Peat Moss
- Perlite
- Starter charge & blue chip
- Lime (Dolomitic and Hi-calcium)
- Wetting agent

### Physical Characteristics:

Air Porosity	23-28%
Water Holding Capacity	52-58%
Manufactured Moisture Content	45-60%
Dry Bulk Density	8-10 lb/ft <sup>3</sup>
Bulk Density (@manufacturing)	18-22 lb/ft <sup>3</sup>

### pH and EC:

pH Range After Incubation	5.4-6.3
Electrical Conductivity	1.0-2.0 dS/m

### Chemical Characteristics:

Extractable Nutrient Content in ppm dry weight basis

N (NO <sub>3</sub> +NH <sub>4</sub> )	P (PO <sub>4</sub> )	K	Ca	Mg	Cu	Zn	Mn	Fe
350-450	100-200	1200-1600	2000-2300	1000-1400	5-10	25-30	180-230	130-160

Water Soluble Nutrient Content in ppm saturated paste (SME)

K	Ca	Mg	SO <sub>4</sub>	B
120-180	60-100	60-100	350-650	<0.5

Midwest Trading partners with Soil and Plant Laboratory Inc. to run extractable nutrient analysis to better determine mix suitability. A saturated media extract (SME) analysis is available for each production run that can serve as a tool for cultural practices at time of receipt. The SME functions to give a snap shot of immediate nutrient availability at time of sampling and can vary based on moisture, temperature, and time. Ranges are approximated based on laboratory analysis. For informational purposes only and cannot be used as a warranty.