



HIGH POROSITY GROWING MEDIUM

PRO-MIX 'HP' is a "High Porosity" professional growing medium designed for the cultivation of horticultural greenhouse plants. The lightweight and high-porosity characteristics of this formulation provide conditions necessary to establish plant growth, especially when growing situations require high air-capacity and low water-retention media. PRO-MIX 'HP' is ideal for use with water sensitive crops, propagation of plant cuttings and/or low-light growing conditions.

COMPONENTS:	Sphagnum Peat Moss (65 - 75 % by volume)	Micronutrients	Calcitic Limestone
	Horticultural Coarse Grade Perlite	Dolomitic Limestone	Wetting Agent
	Macronutrients		

CHEMICAL CHARACTERISTICS:

PRO-MIX 'HP' contains a balanced nutrient charge to promote initial plant development. During the course of crop production, it is necessary to initiate a fertilizer program. The fertilizer program selected should consider water nutrient content, crop type and stage of plant development. It is essential to begin fertilization within 7 days after planting and maintain fertilizer applications throughout the course of crop production. To insure plants receive proper nutrition, it is advisable to periodically analyze fertilizer solution, nutrient content of growing media and plant tissue throughout the production cycle.

pH Range:	5.5 - 6.5 (1:3, v.v water)
Electrical Conductivity:	1.3 - 2.0 mmhos/cm (S.M.E.)
Nutrient Analysis (S.M.E.):	

ppm (mg/l)									
NO ₃ -N nitrate	PO ₄ -P phosphate	K potassium	Ca calcium	Mg magnesium	Fe iron	Zn zinc	Cu copper	Mn manganese	B boron
70-150	25-110	70-170	110-210	20-50	1-2.5	0.1-1	< 0.3	0.3-1.5	< 0.6

PHYSICAL CHARACTERISTICS:

PRO-MIX 'HP' is a peat based medium formulated to provide high air-capacity and low water-retention for use with water sensitive crops. Increased aeration results in reduced incidence of water-related diseases for healthier root systems and improved plant performance. PRO-MIX 'HP' is lightweight, porous and suitable for general greenhouse use.

Air Porosity:	20 - 25 % by volume (6 inch pot)
Water-Holding Capacity:	600 - 800 % by weight
Bulk Density:	8 - 10 Lbs./cu.ft. (0.13-0.16 g/cm ³)
Moisture Content:	30 - 50 % by weight

PACKAGE SPECIFICATIONS:	Code No.	Size	Packing	Weight	Minimum Yield
	0439P	3.8 cu.ft. Compressed	30/pallet	60 - 75 Lbs	7 cu.ft.
	0489P	3 cu.ft. Loose fill bag	54/pallet	25 - 35 Lbs	3 cu.ft.
	0456P	60 cu.ft. Bulk bag	2/pallet	500 - 650 Lbs	60 cu.ft.

APPLICATIONS:	BEDDING TRAYS	PERENNIALS
	FOLIAGE	POTTED FLOWERING
	HANGING BASKETS	PROPAGATION

Note: This data is for information purposes only and cannot be used as a warranty.

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- Horticulture Laboratory
- Grower Assistance
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