

Technical Data



PRO-MIX® BK25-V is a medium-weight growing medium designed for the cultivation of greenhouse horticultural crops in cell packs and pots up to 6 inches. The combination of processed southern pine bark, sphagnum peat moss and vermiculite make for a 'general purpose' growing medium with small particle size and high-water retention. PRO-MIX® BK25-V is suitable for a wide variety of greenhouse plants and potting applications.

INGREDIENTS:

Sphagnum Peat Moss (35-45% in volume)	Dolomitic Limestone	Micronutrients
Vermiculite – Horticultural Grade	Gypsum	Wetting Agent
Processed Pine Bark 3/8" screened	Macronutrients	

CHEMICAL CHARACTERISTICS:

PRO-MIX® BK25-V contains a balanced nutrient charge to promote initial plant development. Begin application of fertilizer within 7 days of transplanting and maintain fertilizer applications throughout the course of crop production. The fertilizer program selected should consider water nutrient content, crop type and stage of plant development. Periodically analyze nutrient content of fertilizer solution, in-use growing media and plant tissue throughout the crop cycle to insure plants receive proper nutrition and to be sure adequate nutrient levels, EC and pH are maintained.

pH Range:	5.2 - 6.2 (S.M.E.) *
pH Incubated:	< 6.2 after 7 days saturation (S.M.E.)
Electrical Conductivity:	1.5 – 2.5 mmhos/cm (S.M.E.)

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
100-150	10-50	100-150	80-150	50-100	125-175	0.5-2.0	0.1-1.2	< 0.3	0.3-1.0	0.1-0.6

* Saturated Medium Extract

PHYSICAL CHARACTERISTICS:

Air Porosity:	15 - 20% by volume (6 inch pot)
Bulk Density:	15 - 17 lb./cu ft (0.24-0.27 g/cm ³)
Moisture Content:	45 - 58 % by weight
Saturated Weight:	887 g/L
Water-Holding Capacity:	60 - 70 % by volume

APPLICATIONS:

Annuals	Propagation	Small Potted Foliage Plants
Bedding Trays	Short-Term Greenhouse Crops	6" and Smaller Potted Flowering
Dish Gardens		

Package Specifications:	Code	Package Size	Units / Pallet	Weight / Unit	Minimum Yield
	5028025RGVE	2.8 cu ft loose	48	40-50 lb	2.8 cu ft
	5060025RGVE	60 cu ft loose	2	900-1100 lb	60 cu ft
	VR-9020	BULK	70 to 90 yd3		

* Note: These values are representative of Quality Control Analysis at time of manufacturing. This data is for information purposes only and cannot be used as a warranty.

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