

Technical Data



PRO-MIX® BX MYCORRHIZAE™ is a “general purpose” peat-based professional growing medium that contains a mycorrhizal inoculum (*Glomus intraradices*). These microscopic fungi attach to and colonize root systems to benefit plants by increasing water and nutrients acquisition (especially Phosphorus, Copper and Zinc). This symbiotic relationship between fungi and plant results in overall improved plant growth. PRO-MIX® BX MYCORRHIZAE™ is suitable for a wide variety of horticultural plants and transplanting applications.

INGREDIENTS:

Sphagnum Peat Moss (75-85% in volume)	Calcitic Limestone	Micronutrients
Horticultural Grade Perlite	Dolomitic Limestone	Wetting Agent
Horticultural Grade Vermiculite	Macronutrients	MYCORRHIZAE™

CHEMICAL CHARACTERISTICS:

PRO-MIX® BX MYCORRHIZAE™ contains a balanced nutrient charge to promote initial plant development. During the course of crop production, it is necessary to initiate a fertilization program. The program selected should consider water nutrient content, crop type and stage of plant development. 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 nutrient content of fertilizer solution, growing media and plant tissue to insure proper levels of nutrients are maintained throughout the crop cycle.

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.)

ppm (mg/l) *										
NO3-N	PO4-P	K	Ca	Mg	S-SO4	Fe	Zn	Cu	Mn	B
nitrate	phosphate	potassium	calcium	magnesium	sulfate	iron	zinc	copper	manganese	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

* 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/cm ³)
Moisture Content:	35 - 50 % by weight
Saturated Weight:	56 lb./cu ft (900 g/l) avg.
Water-Holding Capacity:	60 - 75 % by volume

APPLICATIONS:

Bedding Trays	Long-term Crops	Propagation
Foliage	Perennials	Stock plants
Hanging Baskets	Potted Flowering	

Plant growth and mycorrhizal colonization will vary according to plant species. Best results are obtained when crops are transplanted at the seedling stage just after the emergence of true leaves. Refer to **Product Information Sheet** for more details about MYCORRHIZAE™.

Package Specifications:	Code	Package Size	Units / Pallet	Weight / Unit	Minimum Yield
	10281RG	2.8 cu ft loose	57	25-35 lb	2.8 cu ft
	10381RG	3.8 cu ft comp	30	60-75 lb	7 cu ft
	10551RG**	55 cu ft comp	2	800-1050 lb	100 cu ft
	10801RG	80 cu ft loose	2	700-850 lb	80 cu ft
	11351RG	135 cu ft comp	1	2200-2700 lb	250 cu ft

* 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.

** West Only

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