

**PRO-MIX 'BX' with Mycorise®PRO**

PRO-MIX 'BX' with MycorisePRO is a unique 'General Purpose' professional growing medium that contains a beneficial mycorrhizal inoculum, *Glomus intraradices*. These microscopic fungi attach to and colonize root systems forming a symbiosis with plants. Endomycorrhizal fungi benefit the host plant by increasing nutrient absorption (especially Phosphorus, Copper and Zinc), reducing water stress and other stresses associated with transplanting. In exchange, the plant provides soluble sugars to the fungus. This symbiotic relationship between fungi and plants results in improved plant growth. PRO-MIX 'BX' with MycorisePRO is suitable for most vegetable transplants and wide variety of plant species.

<b>COMPONENTS:</b>	Sphagnum Peat Moss (80-85% by volume)	Calcitic Limestone	Wetting Agent
	Horticultural Grade Perlite	Dolomitic Limestone	
	Horticultural Grade Vermiculite	MycorisePRO®	

**CHEMICAL CHARACTERISTICS:**

PRO-MIX 'BX' with MycorisePRO 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. It is advisable to periodically analyze nutrient content of fertilizer solution, growing media and plant tissue to insure proper levels nutrients are maintained throughout the crop cycle.

<b>pH Range:</b>	5.2 - 6.2 (S.M.E.)
<b>pH Incubated:</b>	< 6.2 after 7 days saturation (S.M.E.)
<b>Electrical Conductivity:</b>	1.3 - 2.0 mmhos/cm (S.M.E.)
<b>S.M.E.<sup>1</sup> Nutrient Analysis:</b>	

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
70-130	5-40	70-150	130-210	20-45	30-100	1.0-2.5	0.1-1.0	< 0.3	0.3-1.5	< 0.6

1 - Saturated Medium Extract

**PHYSICAL CHARACTERISTICS:**

PRO-MIX 'BX' with MycorisePRO contains a select blend of ingredients that provide optimum air porosity and water-retention. This combination favors root system and mycorrhizal development. PRO-MIX 'BX' with MycorisePRO is lightweight and suitable for vegetable transplants, rooting of cuttings and a wide range of greenhouse crops.

<b>Air Porosity:</b>	12 - 17% by volume (6 inch pot)
<b>Bulk Density:</b>	8 - 10 lb./cu.ft. (0.13-0.16 g/cm <sup>3</sup> )
<b>Moisture Content:</b>	35 - 50 % by weight
<b>Water-Holding Capacity:</b>	60 - 75 % by volume

PACKAGE SPECIFICATIONS:	Code No.	Size	Packing	Weight	Minimum Yield
	0755PMYC	70 cu.ft. Bulk bag	2/pallet	600-750 lb	70 cu.ft.
	0420PMYC	55 cu.ft. Compressed	2/pallet	800 -1050 lb	100 cu.ft.
	0432P	3.8 cu.ft. Compressed	30/pallet	60 - 75 lb	7 cu.ft.
	0332P	3.0 cu.ft. Loose Fill	54/pallet	55 - 70 lb	3 cu.ft.

<b>APPLICATIONS:</b>	BEDDING TRAYS	HANGING BASKETS	PERENNIALS	PROPAGATION
	FOLIAGE	LONG-TERM CROPS	POTTED FLOWERING	STOCK PLANTS

Plant growth and mycorrhizal colonization will vary according to plant species. Plant roots must be in contact with PRO-MIX with MycorisePRO for a minimum of 3-4 weeks to effectively colonize root systems. Best results are obtained from direct seeding or transplanting at the seedlings stage after the emergence of true leaves. Refer to **Product Information Sheet** for more details about MycorisePRO.

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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