

Technical Data



PRO-MIX® HP Chunk COIR MYCORRHIZAE™ is a coarse textured, high porosity peat-based growing medium that is blended with 'Chunk COIR' and is ideal for water sensitive potted crops and/or low-light growing conditions. This growing medium includes a beneficial mycorrhizal inoculum (*Glomus intradices*) that colonizes root systems and benefits plants by increasing water and nutrients acquisition (especially Phosphorus, Copper and Zinc). This combination of ingredients and beneficial MYCORRHIZAE™ results in overall improved plant growth. PRO-MIX® HP Chunk COIR MYCORRHIZAE™ is suitable for a wide variety of horticultural plants, especially when high air capacity and drainage are required.

INGREDIENTS:

Sphagnum Peat Moss (65-75% in volume)	Calcitic Limestone	Micronutrients
Horticultural Grade Perlite	Dolomitic Limestone	Wetting Agent
Chunk COIR	Macronutrients	MYCORRHIZAE™

CHEMICAL CHARACTERISTICS:

PRO-MIX® HP Chunk COIR 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 - 2.0 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
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:	14 - 20% 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:	55 lb./cu ft (880 g/l) avg.
Water-Holding Capacity:	50 -70% by volume

APPLICATIONS:

Foliage	Perennials	Stock plants
Long-term Crops	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
	2028130RG	2.8 cu ft loose	57	25-35 lb	2.8 cu ft
	2038130RG	3.8 cu ft comp	30	60-75 lb	7 cu ft
	2055130RG	55 cu ft comp **	2	750-950 lb	100 cu ft
	2080130RG	80 cu ft loose	2	700-850 lb	80 cu ft
	2135130RG	135 cu ft comp	1	2200-2700 lb	250 cu ft

** West Only

* 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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