

Technical Data



PRO-MIX® BX is a general purpose peat-based professional growing medium designed for general greenhouse use and transplanting applications. It is lightweight, uniform and blended to the highest degree of consistency to provide conditions necessary to establish plant growth. PRO-MIX® BX is suitable for a wide variety of ornamental plant species, fruit crops and vegetable transplants.

INGREDIENTS:

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

CHEMICAL CHARACTERISTICS:

PRO-MIX® BX 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 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: | 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 | |

| Package Specifications: | Code | Package Size | Units / Pallet | Weight / Unit | Minimum Yield |
|-------------------------|-----------|-----------------|----------------|---------------|---------------|
| | 1028ORG | 2.8 cu ft loose | 57 | 25-35 lb | 2.8 cu ft |
| | 1038ORG | 3.8 cu ft comp | 30 | 60-75 lb | 7 cu ft |
| | 10550RG** | 55 cu ft comp | 2 | 800-1050 lb | 100 cu ft |
| | 10800RG | 80 cu ft loose | 2 | 700-850 lb | 80 cu ft |
| | 11350RG | 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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Laboratory Analysis. Grower Tools. Educational Support.

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