



Western Region Product Information Sheet

SUNSHINE PROFESSIONAL PEAT LITE MIXES

Mix #5 - LP5

Sunshine Plug is a company-wide fine textured well drained plug and seedling mix. It is well suited for growing crops in plug trays and seedling trays. The mix is 99% stick free.

Ingredients:

- Fine Canadian Sphagnum peat moss
- Fine Perlite
- Dolomite
- Gypsum
- Proprietary starter nutrient charge with major and minor nutrients
- Proprietary wetting agent

Uses:

- Bedding Plants
- Vegetables
- Perennials
- Cut flowers

Typical Extractable Nutrient Range*

pH	5.0 - 5.8
Ec (mmhos),cm	0.4 - 1.0
Nitrate Nitrogen, NO ₃ -N (ppm)	0 - 40
Ammonium Nitrogen, NH ₄ - N (ppm)	0 - 10
Phosphorus, P (ppm)	0 - 25
Potassium, K (ppm)	0 - 77
Calcium, Ca (ppm)	1.5 - 100
Magnesium, Mg (ppm)	3.5 - 50
Sulfur, S (ppm)	40 - 180
Manganese, Mn (ppm)	0 - 1.0
Iron, Fe (ppm)	0 - 1.0
Copper, Cu (ppm)	0 - 0.04
Boron, B (ppm)	0 - 0.18
Zinc, Zn (ppm)	0 - 0.12
Molybdenum, Mo (ppm)	0 - 0.07

* Saturated extract procedure (two weeks after production)

Available:

- Loose Fill - 2.8 cu ft. bags, 51/pallet
- 60 cu ft. totes and bulk
- Compressed - 3.8 cu.ft. bales. 30/ pallet
- 55.5 cu ft. bales, 2 per pallet

Average Yield:

- Loose fill - 2.8 cu ft. and 60 cu ft. respectively

Average Shipping Weight

- 3.8 cu ft. = 48 - 80 lbs
- 55.5 cu ft. = 800 - 1200 lbs
- 2.8 cu ft. = 25-40 lbs
- 60 cu ft. = 500-600 lbs

Physical Properties

Tests	Standard
Bulk Density	7 - 10 lbs./ft ³
Moisture Percentage	45 - 55 %
Water-holding capacity	47 - 70% by volume
Air Capacity	9 - 20% by volume

Testing Method

- A.S.T.M.D 2978-90
- Percent based on weight to weight basis
- Values at container (6 1/2" azalea pot) capacity of media
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