



Western Region Product Information Sheet

SUNSHINE PROFESSIONAL PEAT LITE MIXES

Mix #3 - LG3

Sunshine Germinating 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 Vermiculite
 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	4.5 - 6.0
Ec (mmhos),cm	0.30 - 1.20
Nitrate Nitrogen, NO3-N (ppm)	0 - 55
Ammonium Nitrogen, NH4 - N (ppm)	1.5 - 17
Phosphorus, P (ppm)	1.0 - 17
Potassium, K (ppm)	10 - 90
Calcium, Ca (ppm)	50 - 190
Magnesium, Mg (ppm)	30 - 100
Sulfur, S (ppm)	40 - 180
Manganese, Mn (ppm)	0.01 - 0.85
Iron, Fe (ppm)	0.09 - 1.75
Copper, Cu (ppm)	0 - 0.04
Boron, B (ppm)	0.01 - 0.14
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./ft3
Moisture Percentage	45 - 55 %
Water-holding capacity	50 - 70% by volume
Air Capacity	8 - 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
 Values at container (6 1/2" azalea pot)
 capacity of media

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