

TECHNICAL DATA SHEET

Chemical Characteristics (S.M.E. METHOD)

ELEMENT	RANGE	
	Min.	Max.
pH **	5.2	6.0
E.C. (mmhos/cm)	0.75	1.4
Nitrate - NO ₃ - (ppm)	26.0	81.0
Ammonium - NH ₄ + (ppm)	0	14.0
Phosphorus - P (ppm)	4.0	36.0
Boron - B (ppm)	0.05	0.44
Potassium - K (ppm)	26.0	98.0
Sodium - Na (ppm)	0	28.0
Calcium - Ca (ppm)	55.0	170.0
Magnesium - Mg (ppm)	23.0	77.0
Copper - Cu (ppm)	0.00	0.30
Manganese - Mn (ppm)	0.20	1.10
Iron - Fe (ppm)	0.50	2.20
Zinc - Zn (ppm)	0.00	0.90
Aluminium - Al (ppm)	0.00	0.50
Molybdenum - Mo (ppm)	0.00	0.06
Sulfate - SO ₄ ²⁻ - (ppm)	N/A	N/A
SAR	---	< 5

** Incubated 7 days pH

*** Based on 6-inch pots

Components % Vol.

Fine Peat Moss	80
Horticultural Perlite	20
Dolomitic Lime	<1
Calcitic Lime	<1
Non-Ionic Wetting Agent	<1
Starter Charge	<1
Upon request	
Controlled Release Fertilizer	
Without NPK	

Physical Characteristics

	Min.	Max.
Dry Density (g/L)	70	90
Bulk Density (lbs/cft)	8.5	11.5
Moisture Content (%) Loose	48	53
Moisture Content (%) Compressed	48	53
Water Retention (x dry weight)	9	12
Air Space***	6	14
Coarse Fiber > 10 mesh	15	25

Available Sizes

SIZE	APPROX. VOLUME (LOOSE)				QTY./PALLET	APPROX. WEIGHT/UNIT			
	cu. ft.		liters			lbs		kg	
	Min.	Max.	Min.	Max.		Min.	Max.	Min.	Max.
3 ft ³ (loose)	3.1	3.3	86.4	92.0	54	25.8	42.1	11.7	19.1
3.8 ft ³ (compressed)	8.2	8.5	230.8	239.3	30	61.1	90.4	27.7	41.0
110 ft ³ (compressed)	215	225	6088	6371	1	1830	2712	730	1230

Note: Approximated ranges. The values listed are for informational purposes and may, in no circumstances, be used as collateral.

