

TECHNICAL DATA SHEET

Chemical Characteristics (S.M.E. METHOD)

ELEMENT	RANGE	
	Min.	Max.
pH **	5.4	6.2
E.C. (mmhos/cm)	0.75	1.60
Nitrate - NO ₃ - (ppm)	30.0	86.0
Ammonium - NH ₄ + (ppm)	0	20.0
Phosphorus - P (ppm)	2.0	24.0
Boron - B (ppm)	0.10	0.55
Potassium - K (ppm)	30.0	98.0
Sodium - Na (ppm)	0	28.0
Calcium - Ca (ppm)	80.0	190.0
Magnesium - Mg (ppm)	14.0	50.0
Copper - Cu (ppm)	0	0.30
Manganese - Mn (ppm)	0.20	1.10
Iron - Fe (ppm)	0.50	2.20
Zinc - Zn (ppm)	0	0.90
Aluminium - Al (ppm)	0	0.50
Molybdenum - Mo (ppm)	0	0.06
Sulfate - SO ₄ ²⁻ (ppm)	N/A	N/A
SAR	---	< 5

** Incubated 7 days pH

*** Based on 6-inch pots

Components % Vol.

Coarse Peat Moss	80
Wood Fiber	15
Horticultural Perlite	5
Dolimitic Lime	<1
Calcitic Lime	<1
Non-Ionic Wetting Agent	<1
Starter Charge	<1
Upon request	
Controlled Release Fertilizer	
Mycorrhizae	

Physical Characteristics

	Min.	Max.
Dry Density (g/L)	70	100
Bulk Density (lbs/cft)	7.5	11
Moisture Content (%) Loose	50	55
Moisture Content (%) Compressed	41	46
Water Retention (x dry weight)	8	12
Air Space***	N/A	N/A
Coarse Fiber > 10 mesh	25	35

Available Sizes

SIZE	APPROX. VOLUME (LOOSE)				QTY./PALLET	APPROX. WEIGHT/UNIT			
	cu. ft.		liters			lbs		kg	
	Min.	Max.	Min.	Max.		Min.	Max.	Min.	Max.
3.8 cu. ft.(compressed)	8.0	8.3	227	235	30	54.7	83.7	27.7	38
75 ft³ (loose)	71	79	2011	2237	2	529	970	240	440
110 cu.ft.(compressed)	225	235	6371	6654	1	1499	2381	580	1080

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



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Product Codes

[illegible]