



ISO 9001:2000
Registered Quality System

TECHNICAL DATA SHEET

BM6 General Use – Fast drainage

CHEMICAL CHARACTERISTICS: (S.M.E. METHOD)

Element	Range	
	Min.	Max.
pH **	5.4	6.2
E.C.(mmhos/cm)	0.75	1.6
Nitrate - N-NO_3^- (ppm)	30	86
Ammonium - N-NH_4^+ (ppm)	0	20
Phosphorus- P (ppm)	4	24
Boron – B (ppm)	0.05	0.44
Potassium – K (ppm)	30	98
Sodium – Na (ppm)	0	28
Calcium – Ca (ppm)	72	187
Magnesium – Mg (ppm)	23	61
Copper – Cu (ppm)	0.0	0.3
Manganese – Mn (ppm)	0.2	1.1
Iron – Fe (ppm)	0.5	2.2
Zinc – Zn (ppm)	0.0	0.9
Aluminum – Al (ppm)	0.0	0.5
Molybdenum – Mo (ppm)	0.00	0.06
Sulfate – SO_4^{2-} (ppm)	N/A	N/A
SAR	----	< 5

** Incubated pH
*** Based on 6 inch pots

COMPONENTS % :

Coarse peat moss	78
Horticultural Perlite	22
Dolomitic lime	
Calcitic lime	
Non-ionic wetting agent	
Starter charge	
Upon request	
Actino-Iron™	
Controlled release fertilizer	
Rootsheild™	

PHYSICAL CHARACTERISTICS:

	Min.	Max.
Dry Density (g/l)	66	95
Moisture Content (%)	43	53
Water Retention (x dry weight)	9	12
Air Space***	16	24
Coarse Fiber >10 mesh	30	40
Medium Fiber 10-20 mesh	10	22
Fine Fiber 20-100 mesh	27	55
Extra Fine Fiber < 200 mesh	3	12

AVAILABLE SIZES:

Size cu/ft. (compressed):	Approx. Volume cu/ft Loose:	Qty./pallet	Approx. weight/unit lbs. (kg)
----	3.1	54	30 (13.6)
3.8	7.7	30	65 (29.5)
----	75	2	772 (350)
110	220	1	2150 (975)

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

“The Root Environment Experts!”™