



40mm/hr Rain Garden Blend

This blend was developed to provide optimal growing conditions in rain gardens and swales for Perennials, Shrubs and Trees while providing for predictable infiltration. This blend meets the Calgary 40mm/hr standards

SPECIFICATIONS

parameter	result	method
Plant Material	Perennials, shrubs, trees and Turf	N/A
Composition	Loam, coarse sand and compost	
Soil Textural Class	Loam	USDA Handbook 60
Particle Size	Sand-60%, Silt-20%, Clay-20%	ASTM F1632 B
pH	7-7.5	
Infiltration Rate	40-50mm/hr	K-SAT modified proctor at
Infiltration Rate	1.6-1.9 in/ hr	K-SAT modified proctor at
Organic Matter %	3-5%	ASTM D2974 C
Cation Exchange	18-22	CEC
Soluble Salts	0.5-1.0	SSE
Dry Matter %	95-97%	ASTM D2974 C
Phosphorus, P	15-20 ppm	Saturated Paste Method
Potassium, K	300-400 ppm	Saturated Paste Method
Magnesium, Mg	300-400 ppm	Saturated Paste Method
Calcium, Ca	2500-3000 ppm	Saturated Paste Method
Sulfur, S	30-50 ppm	Saturated Paste Method
Zinc, Zn	1-4 ppm	Saturated Paste Method
Manganese, Mn	8-15 ppm	Saturated Paste Method
Iron, Fe	25-75 ppm	Saturated Paste Method
Copper, Cu	1-2 ppm	Saturated Paste Method
Nitrate, NO ₃	20-50 ppm	Saturated Paste Method
Sodium, Na	90-100 ppm	Saturated Paste Method
Sodium Absorption Ratio	1.5-3.0meq/L	USDA Handbook 60
Electrical Conductivity, EC	0.5-2 mmhos/cm	Saturated Paste Method

Product available in Bulk or Bagged in totes

Results reported on a dry weight basis - The Above results relate to the individual sample submitted and analysed on 02/23.
We strive to maintain high quality and consistency of product these results are to be used as a guideline.
Actual product may vary.If you require a current analysis please let us know.