



EAGLE LAKE
professional landscape supply

innovation outdoors™

alberta gold

*Improves even the poorest soil conditions and offers excellent water retention.
Recommended as a soil amendment or top dressing for lawns.*

SPECIFICATIONS

parameter	result	method
vegetation	trees, shrubs and perennials	
composition	peat moss and compost	
soil textural class	gravelly sandy loam	ASTM F1632-B
physical parameters	sand (80%), silt (9%) and clay (10%)	ASTM F1632-B
pH	6-7	
initial media density	0.7 g/cubic cm	ASTM D2974-C
initial media density	40-45 lb/cubic foot	ASTM D2974-C
maximum media density	1000-1100 kg/cubic metre	ASTM D2974-C
maximum media density	57-62 lb/cubic foot	ASTM D2974-C
dry media density	700-800 kg/cubic metre	ASTM D2974-C
organic matter %	35-40%	by weight
cation exchange	34.1	CEC
soluble salts	2.1	SSE
dry matter %	60-64%	ASTM D2974-C
phosphorus (P)	200 ppm	SSE
potassium (K)	1777 ppm	SSE
magnesium (Mg)	641 ppm	SSE
calcium (Ca)	4771 ppm	SSE
sulfur (S)	197 ppm	SSE
zinc (Zn)	8.6 ppm	SSE
manganese (Mn)	10.5 ppm	SSE
iron (Fe)	131 ppm	SSE
copper (Cu)	0.9 ppm	SSE
boron (B)	0 ppm	SSE
sodium (Na)	87 ppm	SSE
nitrate (NO3)	252 ppm	SSE

**shipped: bulk or in 1 cubic yard totes*

SALES CENTRE

285177 FRONTIER ROAD SE CALGARY ALBERTA T1X 0N2 **403.262.5600**

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bioretention blend

We blended this mix to be sufficiently permeable to infiltrate runoff and to have sufficient moisture holding capabilities and nutrients to support healthy vegetation. Ideal for bioswales, tree trenches and rain gardens.

SPECIFICATIONS

parameter	result	method
vegetation	trees, shrubs, perennials, grasses, sedums and annuals	
composition	sandy loam, sand, peat moss and compost	
soil textural class	sandy loam	MSA P1-383-385
physical parameters	sand (78%), silt (11%) and clay (11%)	MSA P1-404-408
pH	7-8	
maximum water retention	50-55%	ASTM E2399-05
water permeability at maximum media density	0.004 cm/s	ASTM E2399-05
water permeability at maximum media density	0.13 in/min	ASTM E2399-05
initial media density	1200-1300 kg/cubic metre	ASTM E2399-05
initial media density	75-80 lb/cubic foot	ASTM E2399-05
maximum media density	1700-1800 kg/cubic metre	ASTM E2399-05
maximum media density	105-115 lb/cubic foot	ASTM E2399-05
dry media density	1100-1200 kg/cubic metre	ASTM E2399-05
air filled porosity at maximum water holding capacity	9.3%	ASTM 1815-97
organic matter %	9-11%	
dry matter %	89-91%	
phosphorus (P)	41 ppm	SSE
potassium (K)	483 ppm	SSE
magnesium (Mg)	265 ppm	SSE
calcium (Ca)	1880 ppm	SSE
sulfur (S)	970 ppm	SSE
zinc (Zn)	76.1 ppm	SSE
manganese (Mn)	263 ppm	SSE
iron (Fe)	256 ppm	SSE
copper (Cu)	33.3 ppm	SSE
boron (B)	11.9 ppm	SSE
sodium (Na)	36 ppm	SSE
nitrate (NO3)	11 ppm	SSE

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calgary bioretention blend

We blended this mix to be sufficiently permeable to infiltrate runoff, to have sufficient moisture holding capabilities and nutrients to support healthy vegetation. Ideal for bioswales, tree trenches and rain gardens.

SPECIFICATIONS

parameter	result	method
vegetation	trees, shrubs, perennials, grasses, sedums and annuals	
composition	sandy loam, sand, peat moss and compost	
soil textural class	sandy loam	ASTM F1632-B
physical parameters	sand (76%), silt (11%) and clay (12%)	ASTM F1632-B
pH	7-8	
infiltration rate at 80% compaction	70 cm/hr	KSAT 80% Proctor
infiltration rate at 80% compaction	2.8 in/hr	KSAT 80% Proctor
initial media density	1.03 g/cubic cm	ASTM D2974-C
initial media density	70-75 lb/cubic foot	ASTM D2974-C
maximum media density	1700-1800 kg/cubic metre	ASTM D2974-C
maximum media density	135-140 lb/cubic foot	ASTM D2974-C
dry media density	1100-1200 kg/cubic metre	ASTM D2974-C
organic matter %	8-10%	
cation exchange	21.3	CEC
soluble salts	0.7	SSE
dry matter %	89-91%	ASTM D2974-C
phosphorus (P)	47 ppm	SSE
potassium (K)	351 ppm	SSE
magnesium (Mg)	241 ppm	SSE
calcium (Ca)	3400 ppm	SSE
sulfur (S)	121 ppm	SSE
zinc (Zn)	3.3 ppm	SSE
manganese (Mn)	0 ppm	SSE
iron (Fe)	0 ppm	SSE
copper (Cu)	0 ppm	SSE
boron (B)	0 ppm	SSE
sodium (Na)	52 ppm	SSE
nitrate (NO3)	22 ppm	SSE

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calgary high infiltration LID blend

We blended this mix to be sufficiently permeable to infiltrate a high runoff, to have sufficient moisture holding capabilities and nutrients to support healthy vegetation. Ideal for bioswales, tree trenches and suspended pavement LID installations.

SPECIFICATIONS

parameter	result	method
vegetation	trees, shrubs and perennials	
composition	sandy loam, sand, composted pine bark and compost	
soil textural class	sandy loam	ASTM F1632-B
physical parameters	sand (72%), silt (14%) and clay (13%)	ASTM F1632-B
pH	7-8	
infiltration rate at 80% compaction	187 cm/hr	KSAT 80% Proctor
infiltration rate at 80% compaction	7.4 in/hr	KSAT 80% Proctor
initial media density	1.05 g/cubic cm	ASTM D2974-C
initial media density	70-75 lb/cubic foot	ASTM D2974-C
maximum media density	1700-1800 kg/cubic Metre	ASTM D2974-C
maximum media density	135-140 lb/cubic foot	ASTM D2974-C
dry media density	1100-1200 kg/cubic metre	ASTM D2974-C
organic matter %	10-12%	
cation exchange	16.6	CEC
soluble salts	0.3	SSE
dry matter %	88-90%	ASTM D2974-C
phosphorus (P)	46 ppm	SSE
potassium (K)	506 ppm	SSE
magnesium (Mg)	326 ppm	SSE
calcium (Ca)	2481 ppm	SSE
sulfur (S)	24 ppm	SSE
zinc (Zn)	3.8 ppm	SSE
manganese (Mn)	0 ppm	SSE
iron (Fe)	0 ppm	SSE
copper (Cu)	0 ppm	SSE
boron (B)	0 ppm	SSE
sodium (Na)	45 ppm	SSE
nitrate (NO3)	1 ppm	SSE

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edmonton bioretention blend

We blended this mix to be sufficiently permeable to infiltrate runoff, to have sufficient moisture holding capabilities and nutrients to support healthy vegetation. Ideal for bioswales, tree trenches and rain gardens.

SPECIFICATIONS

parameter	result	method
vegetation	trees, shrubs, perennials, grasses, sedums and annuals	
composition	sandy loam, sand, peat moss and compost	
soil textural class	gravelly sandy loam	ASTM F1632-B
physical parameters	sand (78%), silt (11%) and clay (11%)	ASTM F1632-B
pH	7-8	
infiltration rate at 80% compaction	90 cm/hr	KSAT 80% Proctor
infiltration rate at 80% compaction	3.6 in/hr	KSAT 80% Proctor
initial media density	1400-1500 kg/cubic metre	ASTM D2974-C
initial media density	90-95 lb/cubic foot	ASTM D2974-C
maximum media density	2000-2100 kg/cubic metre	ASTM D2974-C
maximum media density	135-140 lb/cubic foot	ASTM D2974-C
dry media density	1100-1200 kg/cubic metre	ASTM D2974-C
organic matter %	9-11%	
cation exchange	15%	CEC
soluble salts	0.6	SSE
dry matter %	89-91%	ASTM D2974-C
phosphorus (P)	48 ppm	SSE
potassium (K)	492 ppm	SSE
magnesium (Mg)	241 ppm	SSE
calcium (Ca)	2471 ppm	SSE
sulfur (S)	29 ppm	SSE
zinc (Zn)	2.3 ppm	SSE
manganese (Mn)	0 ppm	SSE
iron (Fe)	256 ppm	SSE
copper (Cu)	33.3 ppm	SSE
boron (B)	0 ppm	SSE
sodium (Na)	35 ppm	SSE
nitrate (NO3)	61 ppm	SSE

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interior media blend

We created this soil blend specifically for larger interior Plantings. This blend is designed to provide good soil structure, balanced organic content and excellent water holding capacity.

SPECIFICATIONS

parameter	result	method
vegetation	tropicals – large trees, small trees, shrubs, perennials and annuals	
composition	sandy loam, peat moss, cococoir chunk grade and pumice	
soil textural class	sandy loam	*ASTM F1632 Method B
physical parameters	sand (70%), silt (10%) and clay (9%)	*ASTM F1632 Method B
pH	4.8-5.6	
maximum water retention	60-65%	ASTM E2399-05
water permeability at maximum media density	5.7 cm/hr	ASTM E2399-05
water permeability at maximum media density	2.2 in/hr	ASTM E2399-05
initial media density	0.88 g/cubic cm	ASTM E2399-05
initial media density	55-59 lb/cubic foot	ASTM E2399-05
maximum media density	1.51 g/cubic cm	ASTM E2399-05
maximum media density	90-95 lb/cubic foot	ASTM E2399-05
dry media density	0.88 g/cubic cm	ASTM E2399-05
cation exchange	18-22	meq/100g
organic matter %	9-14%	
dry matter %	86-91%	ASTM D2974 Method C
phosphorus (P)	21 ppm	SSE
potassium (K)	226 ppm	SSE
magnesium (Mg)	328 ppm	SSE
calcium (Ca)	2058 ppm	SSE
sulfur (S)	110 ppm	SSE
zinc (Zn)	1.6 ppm	SSE
manganese (Mn)	73.8 ppm	SSE
iron (Fe)	116 ppm	SSE
copper (Cu)	0.5 ppm	SSE
boron (B)	0 ppm	SSE
sodium (Na)	55 ppm	SSE
nitrate (NO3)	1 ppm	SSE

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lightweight interior media blend

We blended this mix to create a lightweight highly organic soil for interior tropical perennials, shrubs and small trees. Ideal for interior containers and planters.

SPECIFICATIONS

parameter	result	method
vegetation	tropicals – small trees, shrubs, perennials and annuals	
composition	peat moss, fir bark fines, cococoir chunk grade and pumice	
soil textural class	gravelly loam	*ASTM F1632 Method B
physical parameters	sand (42%), silt (43%) and clay (13%)	*ASTM F1632 Method B
pH	4.5-5.5	
maximum water retention	60-65%	ASTM E2399-05
water permeability at maximum media density	6.5 cm/hr	ASTM E2399-05
water permeability at maximum media density	2.5 in/hr	ASTM E2399-05
initial media density	300-400 kg/cubic metre	ASTM E2399-05
initial media density	17-20 lb/cubic foot	ASTM E2399-05
maximum media density	0.9 g/cubic cm	ASTM E2399-05
maximum media density	55-59 lb/cubic foot	ASTM E2399-05
dry media density	0.3 g/cubic cm	ASTM E2399-05
cation exchange	26.5	meq/100g
organic matter %	38-40%	
dry matter %	60-62%	ASTM D2974 Method C
phosphorus (P)	21 ppm	SSE
potassium (K)	336 ppm	SSE
magnesium (Mg)	349 ppm	SSE
calcium (Ca)	1951 ppm	SSE
sulfur (S)	168 ppm	SSE
zinc (Zn)	2.9 ppm	SSE
manganese (Mn)	39.6 ppm	SSE
iron (Fe)	164 ppm	SSE
copper (Cu)	0.5 ppm	SSE
boron (B)	0.7 ppm	SSE
sodium (Na)	101 ppm	SSE
nitrate (NO3)	1 ppm	SSE

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natures blend

*Great for gardening projects such as planters, raised garden beds and pots.
Created specifically for container gardening such as planters, raised garden beds and pots.*

SPECIFICATIONS

parameter	result	method
vegetation	trees, shrubs and perennials	
composition	sandy loam, peat moss and compost	
soil textural class	sandy loam	ASTM F1632-B
physical parameters	sand (80%), silt (9%) and clay (10%)	ASTM F1632-B
pH	7-8	
initial media density	1.2 g/cubic cm	ASTM D2974-C
initial media density	80-85 lb/cubic foot	ASTM D2974-C
maximum media density	1700-1800 kg/cubic metre	ASTM D2974-C
maximum media density	130-135 lb/cubic foot	ASTM D2974-C
dry media density	1100-1200 kg/cubic metre	ASTM D2974-C
organic matter %	5-7%	by weight
cation exchange	16.9	CEC
soluble salts	0.9	SSE
dry matter %	93-95%	ASTM D2974-C
phosphorus (P)	83 ppm	SSE
potassium (K)	720 ppm	SSE
magnesium (Mg)	341 ppm	SSE
calcium (Ca)	2400 ppm	SSE
sulfur (S)	65 ppm	SSE
zinc (Zn)	3.3 ppm	SSE
manganese (Mn)	2 ppm	SSE
iron (Fe)	65.6 ppm	SSE
copper (Cu)	0.6 ppm	SSE
boron (B)	0 ppm	SSE
sodium (Na)	51 ppm	SSE
nitrate (NO ₃)	105 ppm	SSE

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