

# WESTERN LABORATORIES, INC.

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Lab Number
7948

Date:

Client:

Gardner:

Garden ID:

## Lawn, Parks, Trees & Shrubs

### SOIL REPORT

ELEMENT	ANSWER	INTERP	Should Be	ELEMENT	ANSWER	INTERP	Should Be
pH-Water	6.8	Neutral Soil		Potassium-ppm	403	High	350 +
pH-SMP				Magnesium-ppm	170	Low	300 +
Texture	Loamy Sand			Sodium-ppm	51	OK	< 150
Soluble Salts	0.48	Normal	< 1.5	Zinc-ppm	1.3	Low	1.5 - 3.0
CEC <sup>Cation Exchange Capacity</sup>	7	Low		Iron-ppm	94	High	25+
% Lime	0.5	Potential sealing		Manganese-ppm	9	Adequate	6 - 30
% Organic Matter	5.4	High		Copper-ppm	0.7	Low	1.2 - 2.5
Nitrates-ppm	5	Very Low	50 +	Sulfate-ppm	1	Very Low	20 +
Phosphorus-ppm	25	Low	40 +	Boron-ppm	0.2	Very Low	0.8 - 1.2
Calcium-ppm	1476	Low	1,500 +	Acidity	0		
% Base Saturation	144	Strongly Basic		Chloride-ppm			< 80

### SOIL CHARACTERISTICS

- Low nutrient and low water holding capacity
- You might encounter soil surface sealing
- No crop restrictions due to sodium
- No salt problems expected

### RECOMMENDATIONS IN POUNDS PER 1,000 SQUARE FEET

GROUP	LAWN	DECIDUOUS	EVERGREEN	SHRUBS	FLOWERS	GROUND COVER	ACID LOVING
Nitrogen*	5.4	3.1	4	3.1	3.6	2.6	2.6
Phosphorus	3.1	2.2	1.7	1.3	2.2	1.3	2.6
Potassium							
Sulfate Sulfur	.9	.7	.7	.4	.7	.4	.7
Elemental Sulfur							
Reclamation Iron							
Gypsum							
Lime							

### RECOMMENDATIONS IN OUNCES PER 1,000 SQUARE FEET

Magnesium	3.7	5.2	3	3	4.1	2.8	3.1
Zinc	3.2	3.2	2.5	1.7	2.1	1.4	2.1
Plant Food Iron							
Manganese	.4	.7	.4				
Copper	.5	.8	.5	.3	.3	.1	.5
Boron	.5	.5	.3	.3	.3	.3	

\* Split apply nitrogen. Do not apply more than five pounds of fertilizer on established vegetation at one time. Always irrigate following fertilization on established crop. Over and under irrigation is a major cause of poor plant appearance.

John P. Taberna, Soil Scientist