

• **SOIL TEST SUMMARY & INTERPRETATION**
(see Numerical Results section for more information)

	Level Found	LOW	MEDIUM	OPTIMUM	ABOVE OPTIMUM
Soil pH	6.3	XX	XX	XX	XX
Organic Matter(%)	50.1	XX	XX	XX	XX
Major nutrients		XX	XX	XX	XX
Nitrate-N (ppm)	32	XX	XX	XX	XX
Phosphorus (lb/A)	236	XX	XX	XX	XX
Potassium (% Sat)	13.3	XX	XX	XX	XX
Calcium (% Sat)	81.5	XX	XX	XX	XX
Magnesium (% Sat)	5.2	XX	XX	XX	XX
Sulfur (ppm)	20865	XX	XX	XX	XX
Micronutrients		XX	XX	XX	XX
Boron (ppm)	3.6	XX	XX	XX	XX
Copper (ppm)	0.38	XX	XX	XX	XX
Iron (ppm)	7.5	XX	XX	XX	XX
Manganese (ppm)	34	XX	XX	XX	XX
Zinc (ppm)	35	XX	XX	XX	XX

• **RECOMMENDED ADDITIONS FOR ALL TURF-NEW SEEDING - Crop Code # 211**

No lime recommended. Soil pH is at or above the optimum level for this crop.

Magnesium level is sufficient to meet crop requirement.

Calculated major nutrient requirements as follows:

0.0 pounds nitrogen per 1000 sq. ft.

0.0 pounds phosphate per 1000 sq. ft.

0.0 pounds potash per 1000 sq. ft.

To meet major nutrient requirements:

No fertilizer necessary. Current nutrient levels are sufficient.

Other fertilizers of similar N-P-K ratio may be substituted.

Till in lime (if needed) and fertilizer to a 4-6 inch depth.

If you are hydroseeding or not tilling, apply only 1/2 rate of lime and fertilizer.

This material should be used as an amendment to other soils to add organic matter and nutrients.

For information on micronutrient management and recommendations, see enclosed form.

• **NUMERICAL RESULTS** (Test methodology: pH in water and Mehlich buffer, available nutrients by modified Morgan extract)
(Organic matter measured by LOI, P determined colorimetrically, all others measured by ICP-OES)

CEC and nutrient balance calculations are based on present pH of 6.3

Level Found	6.3	6.37	236	3885	2615	67269	37.3(A)	13.3	5.2	81.5	0.0
	Soil pH	Lime Index 2	Phosphorus (lb/A)	Potassium (lb/A)	Magnesium (lb/A)	Calcium (lb/A)	CEC (me/100 g)	K	Mg (% Saturation)	Ca	Acidity
Optimum Range	5.5-6.5	N/A	10-20	see % Saturation levels	see % Saturation levels	see % Saturation levels	> 5	2.1-3.0	10-20	60-80	< 10

Level Found	50.1	20865	0.38	7.5	34.2	34.8
	Organic Matter(%)	Sulfur (ppm)	Copper (ppm)	Iron (ppm)	Manganese (ppm)	Zinc (ppm)
Normal Range	5 - 8	> 15	.25-.60	6 - 10	4 - 8	1 - 2

Level Found	3.6	4415	N/A	32	100
(Extras)	Boron (ppm)	Sodium (ppm)	Soluble Salts (mmhos/cm)	Nitrate-N (ppm)	Ammonium-N (ppm)
Normal Range	0.5-1.2	< 200		20-30	< 10

Additional Results or Comments:

Lead scan: NORMAL BACKGROUND LEVEL -
no health risk.

Full payment received for this sample. Thank you.