

Western Laboratories.com

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<http://www.westernlaboratories.com>

Dealer: 11-111
 Reported: 2-14-2011
 Test #: 1
 Grower: Western Labs
 Field ID: Field 1



Lab #:
602-2

AGRICULTURAL SOIL REPORT

ELEMENT	ANSWER	INTERP	SHOULD BE	ELEMENT	ANSWER	INTERP	SHOULD BE
pH-Soil	7.8	Moderately Basic		Potassium-ppm	280	Low	300 +
pH-SMP				Potassium Bicarb	233	Low	250 +
pH-CaCl				Sulfate-ppm	20	Adequate	20 +
Soluble Salts	0.40	Normal	< 1.5	Calcium-ppm	3500	High	1,800 +
% Lime	M	3.1 to 5.5 % lime		Magnesium-ppm	150	Very Low	250 +
% Organic Matter	1.75	Low		Sodium-ppm	210	OK	< 225
Nitrates-ppm	20	Adequate	10 - 35	Zinc-ppm	2.0	Adequate	1.0 - 3.0
Ammonium-ppm	3	Low	5 +	Copper-ppm	1.0	Adequate	0.8 - 2.5
Phosphorus-ppm	15	Low	25 - 40	Manganese-ppm	6	Low	6 - 30
Phos-ppm-Bray			50 - 100	Iron-ppm	18	Adequate	7 +
				Boron-ppm	0.8	Adequate	0.7 - 1.5

Texture	Loam		TBS%	P INDEX		Fertilizer Suggestions in Pounds per Acre for the whole season		
Cation Exchange Capacity - CEC	16		27	91		Crop	R. Burbank	R. Burbank
Percent Base Saturation	127					Yield Goal	400 CWT	500 CWT
BASES		IDEAL	YOURS	NO3 ppm	NH4 ppm	Past Crop	SW Wheat	
Calcium-% of CEC	65-80	109	1 Ft	20	3	Acres	80	
Magnesium-% of CEC	10-20	8	2 Ft			Nitrogen	151	206
Potassium-% of CEC	2-6	4.5	3 Ft			Phosphate	161	228
Sodium-% of CEC	< 5	5.7	Total N PPM		23	Add Phos for P INDEX	78	
Hydrogen-% of CEC	< 15		Lbs N / Acre		69	Potash	120	220
Ratio	Ideal	Yours	Evaluation	Recommendations		Sulfates		
Ca:Mg	6-20:1	23:1	High	Watch Mg		Elemental Sulfur	190	
Ca:P pH >7	100:1	233:1	High	Watch P		Gypsum		
Ca:P pH <7	40:1	:1				Lime		
P:Zn	15:1	8:1	OK			Dolomite		
						Magnesium	20	20
						Zinc	1	3
						Manganese		1
						Copper		1
						Boron	2	3

Methods: www.westernlaboratories.com/methods.htm

Remarks:

Add 15 # N per ton stubble

Add Phosphate as a starter regardless of P recs

Split apply Nitrogen. Tissue and soil test in-season gives the best results

"Always practice the laws of Agronomy."