

# Western Laboratories.com

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Dealer: 11-111

Reported: 1/26/2012

Test #: 10B

Grower: Western Labs

Field ID: WL-1

PAP-Accredited



Lab #:

501

## DRYLAND WHEAT SOIL REPORT

Soil Depth	Moisture Inches	Nitrate	Ammonium	Sulfur	Chlorides	Fertilizer Suggestions in Pounds per Acre for the whole season		
		Pounds per Acre		ppm		Crop	SWS Wheat	
1'	1.60	12	3	8	6			
2'	1.69	6		1	4	Yield Goal	90	
3'	1.86	9		2		Past Crop	SWS Wheat	
4'	2.13	18				Acres	150	
5'						Nitrogen	105	
6'						Phosphate	15	
TOTAL	7.28	48			11	9.60	Chlorides	
Texture		Silt Loam			Potash			
Cation Exchange Capacity - CEC			23	High		Sulfates	23	
Percent Base Saturation			41	Very Low		Lime 2" recs	65	
ELEMENT		ANSWER		INTERP		Lime 1st ft		
pH 2 inch		5.0		Strongly Acidic		Magnesium		
pH-Soil 1st ft		5.5		Moderately Acidic		Zinc	2	
pH-SMP Buffer		6.3		Slightly Acidic		Manganese		
pH-CaCl All Year		5		Strongly Acidic		Copper		
Soluble Salts		0.08		Good		Boron	1	
% Organic Matter		1.82		Medium		BASES		IDEAL
Phos-Bicarb-ppm		12		Medium		Calcium (Ca)		65 - 80%
Phos-ppm-Bray		34		Medium		Magnesium (Mg)		10 - 20%
Potassium-ppm		275		Medium		Potassium (K)		2 - 6%
Potassium Bicarb						Hydrogen (H)		< 15%
Calcium-ppm		1358		Low		Ratio	Ideal	Yours
Magnesium-ppm		219		Low		Ca:Mg	6-20:1	9:1
Zinc-ppm		0.7		Low		Ca:P pH >7	100:1	:1
Copper-ppm		2.1		Adequate		Ca:P pH <7	40:1	122:1
Manganese-ppm		50		High		P:Zn	15:1	12:1
Iron-ppm		94		High				
Boron-ppm		0.3		Low				

John P. Taberna, Soil Scientist