

Submitted by

Submitted for

Laboratory Sample #

Triple Option - Diagnostic

Date Received

Date Reported

Information Sheet #

20-Sep-2017

21-Sep-2017

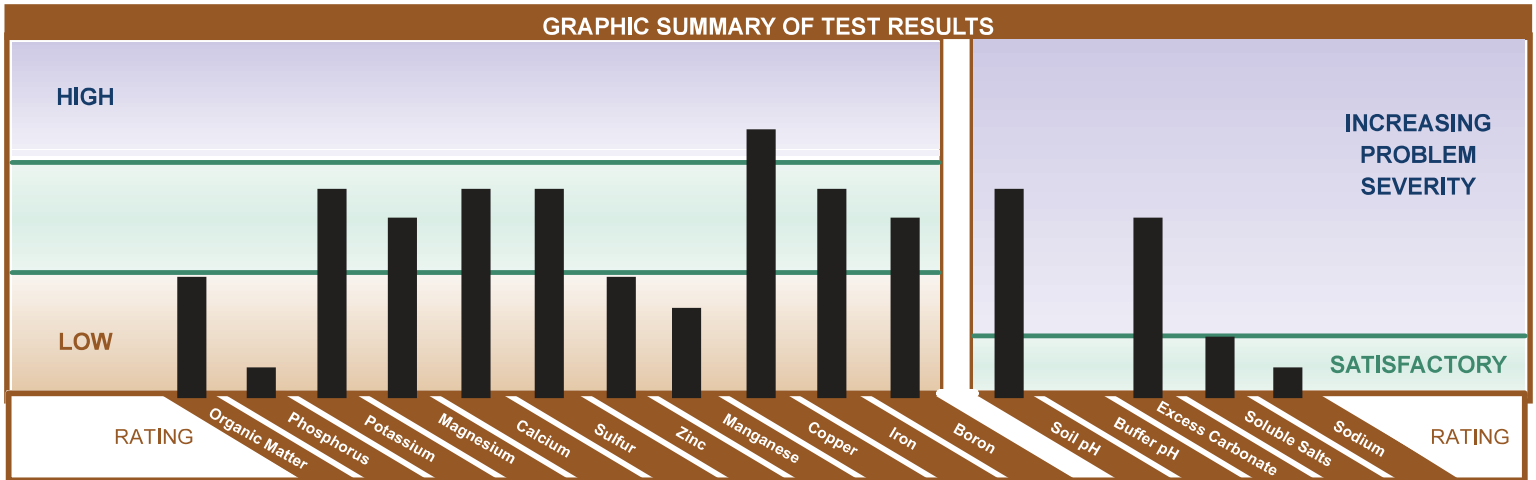
Laboratory Turnaround

1 Day

Samples Will Be Stored Until

05-Oct-2017

Field Identification



REPORT OF ANALYSIS	
YOUR SAMPLE NUMBER	
C1	
Soil pH	8.2
Buffer Index	--
Excess Carbonate	M
Soluble Salts mmhos/cm	0.8
Sodium ppm	275.0
% Organic Matter	1.9
ANALYSIS OF NUTRIENT ELEMENTS IS IN PARTS PER MILLION (ppm)	
Nitrate N	4.5
Phosphorus Bray 1 Olsen	3
Potassium	222
Magnesium	825
Calcium	5776
Sulfate Sulfur	55
Zinc	0.9
Manganese	2.9
Copper	2.2
Iron	39.4
Boron	1.0
Bulk Density	1.4

FERTILIZER GUIDELINES IN: Lbs/Acre									
1st Option Intended Crop			2nd Option Intended Crop			3rd Option Intended Crop			
Sugarbeets			Sugarbeets			Spring_Wheat			
Yield Goal			Yield Goal			Yield Goal			
28 TO			32 TO			80 BU			
Preceding Crop			Preceding Crop			Preceding Crop			
Corn_Silage			Corn_Silage			Corn_Silage			
PLANT FOOD GUIDELINE RANGES		CROP REMOVAL RATES	PLANT FOOD GUIDELINE RANGES		CROP REMOVAL RATES	PLANT FOOD GUIDELINE RANGES		CROP REMOVAL RATES	
N	170.0	225	N	200.0	255	N	210.0	265	
P ₂ O ₅	100.0	70	P ₂ O ₅	115.0	80	P ₂ O ₅	65.0	41	
K ₂ O	0.0	73	K ₂ O	10.0	83	K ₂ O	45.0	78	
MgO	0.0		MgO	0.0		MgO	0.0		
S	0.0		S	0.0		S	0.0		
Zn	6.0		Zn	7.0		Zn	2.0		
Mn	7.8		Mn	9.3		Mn	7.8		
Cu	0.0		Cu	0.0		Cu	0.0		
Fe	0.0		Fe	0.0		Fe	0.0		
B	0.0		B	0.0		B	0.0		

Lime Guidelines are for 100% Effective Calcium Carbonate (ECC) with a 6" Incorporation Depth.

ACTUAL AND SUGGESTED PERCENT OF TOTAL CEC (BASE SATURATION)								ESTIMATED			
Actual % Hydrogen	Suggested Hydrogen	Actual % Potassium	Suggested Potassium	Actual % Magnesium	Suggested Magnesium	Actual % Calcium	Suggested Calcium	Actual % Sodium	Suggested Sodium	CEC for Your Soil	
0.0	0 - 5	1.5	4.1 - 7	18.3	15 - 20	77.0	65 - 75	3.2	0 - 5	37.5	