



# INTERNATIONAL AG LABS, INC

CONSULTING AND ANALYTICAL CHEMISTS

FERTILIZERS \* FEEDS \* SOILS \* WATER

PHONE 507-235-6909 FAX 507-235-9155 P.O. BOX 788 FAIRMONT, MN 56031

<b>NAME:</b>	International Ag Labs, Inc.	<b>DATE:</b>	
<b>ADDRESS:</b>		<b>SAMPLE TESTED:</b>	#3
<b>CITY/STATE:</b>		<b>2009 CROP GROWN:</b>	
		<b>2010 CROP GROWN:</b>	
		<b>LAB TEST#</b>	

## SOIL ANALYSIS REPORT

Nutrient	Measure	Desired Ratio	Desired Level	Lab Results	Soil Index
Humus			30-40	25	
Nitrates	lbs. / Acre		40	6	
Ammonia	lbs. / Acre		40	6	
Phosphorus	lbs. / Acre	1P:1K	174	36	0.08 : 1 P to K Ratio
Potassium	lbs. / Acre		167	468	
Calcium	lbs. / Acre	7Ca:1Mg	3,000	923	7.9 : 1 Ca to Mg Ratio
Magnesium	lbs. / Acre		429	117	
Sodium	PPM		<35	10	Low
ERGS	µS/Centimeter		200	100	
ORP			28	28	
pH			6.5	6.8	
Copper	PPM		0.8-2.5	0.8	Low
Iron	PPM		10-25	37.5	Very High
Zinc	PPM		1-6	1.3	Medium
Manganese	PPM		8-30	9.8	Medium
Boron	PPM		0.8-1.2	0.6	Low
Sulfur	PPM		30	30	
Formazan	PPM		600	Not Tested	

### C.E.C. Test

Phosphorus				
Bray 1	(ppm)			35
Olsen	(ppm)			16.9
Potassium	(ppm)			310.9
Calcium	(ppm)			1461.45
Magnesium	(ppm)			189.79
Sodium				10
Organic Matter	%			1.541
pH				6.8
K	%	2-5%		6.5
Ca	%	60-70%		59.8
Mg	%	10-20%		12.9
Na	%	0.5-3%		0.4
C.E.C	meq/100g			9.7
Acidity	meq/100g			2.5