



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

NAME:	International Ag Labs, Inc.	DATE:	
ADDRESS:		SAMPLE TESTED:	#4
CITY/STATE:		2009 CROP GROWN:	
		2010 CROP GROWN:	
		LAB TEST#	

SOIL ANALYSIS REPORT

Nutrient	Measure	Desired Ratio	Desired Level	Lab Results	Soil Index
Humus			30-40	15	
Nitrates	lbs. / Acre		40	10	
Ammonia	lbs. / Acre		40	4	
Phosphorus	lbs. / Acre	1P:1K	174	29	0.05 : 1 P to K Ratio
Potassium	lbs. / Acre		167	537	
Calcium	lbs. / Acre	7Ca:1Mg	3,000	936	6.0 : 1 Ca to Mg Ratio
Magnesium	lbs. / Acre		429	156	
Sodium	PPM		<35	6	Very Low
ERGS	μS/Centimeter		200	101	
ORP			28	28	
pH			6.5	6.3	
Copper	PPM		0.8-2.5	0.9	Medium
Iron	PPM		10-25	56.3	Very High
Zinc	PPM		1-6	0.9	Low
Manganese	PPM		8-30	25.4	High
Boron	PPM		0.8-1.2	0.6	Low
Sulfur	PPM		30	34	
Formazan	PPM		600	Not Tested	

C.E.C. Test

Phosphorus				
Bray 1	(ppm)			33
Olsen	(ppm)			19.8
Potassium	(ppm)			295.4
Calcium	(ppm)			1584.4
Magnesium	(ppm)			330.9
Sodium				6
Organic Matter	%			1.11
pH				6.3
K	%	2-5%		4.0
Ca	%	60-70%		42.0
Mg	%	10-20%		14.6
Na	%	0.5-3%		0.1
C.E.C	meq/100g			11.5
Acidity	meq/100g			7.4