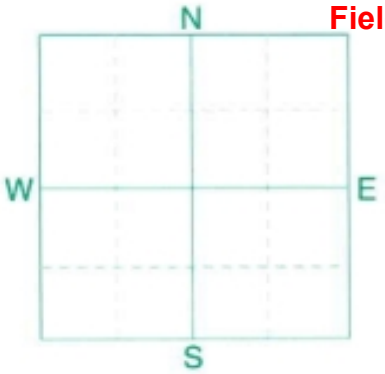
Field 1

SOIL TEST REPORT

AGVISE LABORATORIES
Soil Analysis by Agvise Laboratories
(http://www.agvise.com)
Northwood: (701) 587-6010
Benson: (320) 843-4109

FIELD ID **TC 09 Danny Remple**
SAMPLE ID
FIELD NAME
COUNTY
TWP RANGE
SECTION QTR ACRES **245**
PREV. CROP **Canola-bu**



SUBMITTED FOR:
eimark Farms
ox 31 RR1
teinbach, MB R5G 1L9

SUBMITTED BY: **TE2728**
RICHARDSON PIONEER-LANDMA
231 MAIN STREET
BOX 70
LANDMARK, MB R0A 0X0

REF # **4312126** BOX # **1427**
LAB # **NW261167**

Date Sampled
Date Received **11/10/2023**
Date Reported **11/13/2023**

Nutrient In The Soil			Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
			VLow	Low	Med	High	Wheat-Spring			Canola-bu			Soybeans		
	0-6"	27 lb/acre					YIELD GOAL			YIELD GOAL			YIELD GOAL		
	6-24"	51 lb/acre					60 BU			45 BU			40 BU		
	0-24"	78 lb/acre					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
Nitrate							Band			Band/Maint.			Broadcast/Maint.		
							LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
Phosphorus	Olsen	76 ppm					N 84			N 80			N ***		
							P_2O_5 0			P_2O_5 0			P_2O_5 0		
	Potassium	629 ppm					K_2O 10	Band (Starter)*		K_2O 0			K_2O 0		
Chloride	0-24"	428 lb/acre					Cl 0			Cl	Not Available		Cl 0		
	0-6"	62 lb/acre													
Sulfur	6-24"	210 lb/acre					S 0			S 10	Band		S 0		
	Boron	1.5 ppm					B 0			B 0			B 0		
	Zinc	3.92 ppm					Zn 0			Zn 0			Zn 0		
	Iron	50.7 ppm					Fe 0			Fe 0			Fe 0		
	Maganese	2.3 ppm					Mn 0			Mn 0			Mn 0		
	Copper	2.63 ppm					Cu 0			Cu 0			Cu 0		
	Magnesium	2434 ppm					Mg 0			Mg 0			Mg 0		
	Calcium	5354 ppm					Lime			Lime			Lime		
	Sodium	141 ppm													
	Org. Matter	6.8 %													
	Carbonate	1.5 %													
Sol. Salts	0-6"	1.08 mmho/cm													
	6-24"	1.11 mmho/cm													

Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
			% Ca	% Mg	% K	% Na	% H
0-6" 7.5 6-24" 8.2		49.3 meq	(65-75) 54.3	(15-20) 41.2	(1-7) 3.3	(0-5) 1.2	(0-5) 0.0

eral Comments: Fine-textured (CEC: 31+ meq)

p 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 VISE Band guideline will build P & K test levels to the medium range over several years.

p 2: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop rient removal: P2O5 = 41 K2O = 20 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain m.

p 3: May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is very high, based on soil carbonate and salinity. Crop nutrient noval: P2O5 = 30 K2O = 47 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

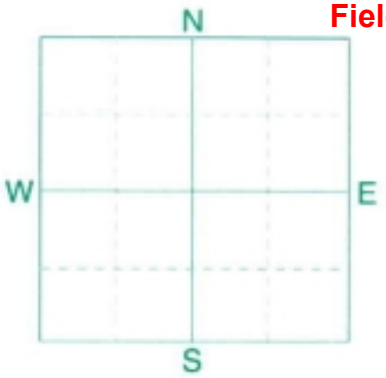
Field 2

SOIL TEST REPORT

AGVISE LABORATORIES

Soil Analysis by Agvise Laboratories
(http://www.agvise.com)
Northwood: (701) 587-6010
Benson: (320) 843-4109

FIELD ID **TC 06 Greenland Road**
SAMPLE ID
FIELD NAME
COUNTY
TWP RANGE
SECTION QTR ACRES **72**
PREV. CROP **Corn-Grain**



SUBMITTED FOR:
eimark Farms
ox 31 RR1
teinbach, MB R5G 1L9

SUBMITTED BY: **TE2728**
RICHARDSON PIONEER-LANDMA
231 MAIN STREET
BOX 70
LANDMARK, MB R0A 0X0

REF # **4354191** BOX # **1488**
LAB # **NW261201**

Date Sampled
Date Received **11/10/2023**
Date Reported **11/13/2023**

Nutrient In The Soil			Interpretation (VLow / Low / Med / High)
Nitrate ate	0-6"	44 lb/acre	
	6-24"	90 lb/acre	
	0-24"	134 lb/acre	
Phosphorus sphorus	Olsen	59 ppm	
assium	Potassium	532 ppm	
Chloride oride	0-24"	216 lb/acre	
Sulfur fur	0-6"	22 lb/acre	
	6-24"	216 lb/acre	
on	Boron	1.6 ppm	
c	Zinc	3.06 ppm	
n	Iron	38.4 ppm	
nganese	Maganese	1.7 ppm	
per	Copper	2.57 ppm	
gnesium	Magnesium	2606 ppm	
cium	Calcium	4349 ppm	
lium	Sodium	161 ppm	
Matter	Org. Matter	7.8 %	
bonate(CCE)	Carbonate	0.3 %	
Sol. Salts	0-6"	0.85 mmho/cm	
. Salts	6-24"	1.23 mmho/cm	

1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
Wheat-Spring			Canola-bu			Soybeans		
YIELD GOAL			YIELD GOAL			YIELD GOAL		
60 BU			45 BU			40 BU		
SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
Band			Band/Maint.			Broadcast/Maint.		
LB/ACRE		APPLICATION	LB/ACRE		APPLICATION	LB/ACRE		APPLICATION
N	28		N	24		N	***	
P_2O_5	15	Band (Starter)*	P_2O_5	10	Band (Starter)*	P_2O_5	0	
K_2O	10	Band (Starter)*	K_2O	0		K_2O	0	
Cl	0		Cl		Not Available	Cl	0	
S	0		S	15	Band	S	10	Broadcast (Trial)
B	0		B	0		B	0	
Zn	0		Zn	0		Zn	0	
Fe	0		Fe	0		Fe	0	
Mn	0		Mn	0		Mn	0	
Cu	0		Cu	0		Cu	0	
Mg	0		Mg	0		Mg	0	
Lime			Lime			Lime		

Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
			% Ca	% Mg	% K	% Na	% H
0-6" 7.7 6-24" 8.3		45.5 meq	(65-75) 47.8	(15-20) 47.7	(1-7) 3.0	(0-5) 1.5	(0-5) 0.0

neral Comments: Soil texture is not estimated on high pH soils.

p 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 VISE Band guideline will build P & K test levels to the medium range over several years.

p 2: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop rient removal: P2O5 = 41 K2O = 20 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain m.

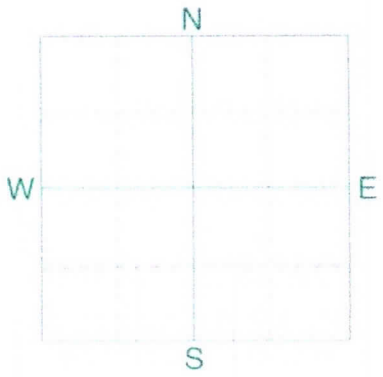
p 3: May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is moderate, based on soil carbonate and salinity. Crop nutrient noval: P2O5 = 30 K2O = 47 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Field 3

SOIL TEST REPORT

Soil Analysis by Agvise Laboratories
(http://www.agvise.com)
Northwood: (701) 587-6010
Benson: (320) 843-4109

FIELD ID **TC 07 08 Ste Anne**
SAMPLE ID
FIELD NAME
COUNTY
TWP RANGE
SECTION QTR ACRES **226**
PREV. CROP **Wheat-Spring**



SUBMITTED FOR:
Reimark Farms
Box 31 RR1
Steinbach, MB R5G 1L9

SUBMITTED BY: **TE2728**
RICHARDSON PIONEER-LANDMA
231 MAIN STREET
BOX 70
LANDMARK, MB R0A 0X0

REF # **4166473** BOX # **2797**
LAB # **NW89153**

Date Sampled | Date Received **09/13/2023** | Date Reported **09/14/2023**

Nutrient In The Soil		Interpretation
		Very Low / Low / Med / High
0-6"	38 lb/acre	
6-24"	36 lb/acre	
0-24" Nitrate	74 lb/acre	
Olsen Phosphorus	50 ppm	
Potassium	460 ppm	
0-24" Chloride	60 lb/acre	
0-6"	28 lb/acre	
6-24" Sulfur	192 lb/acre	
Boron	1.8 ppm	
Zinc	3.84 ppm	
Iron	33.6 ppm	
Manganese	1.4 ppm	
Copper	2.72 ppm	
Magnesium	2904 ppm	
Calcium	5213 ppm	
Sodium	84 ppm	
Org.Matter	8.5 %	
Carbonate(CCE)	0.6 %	
0-6"	0.89 mmho/cm	
6-24" Sol. Salts	0.98 mmho/cm	

1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
Wheat-Spring			Canola-bu			Soybeans		
YIELD GOAL			YIELD GOAL			YIELD GOAL		
60 BU			45 BU			40 BU		
SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
Band			Band/Maint.			Broadcast/Maint.		
LB/ACRE		APPLICATION	LB/ACRE		APPLICATION	LB/ACRE		APPLICATION
N	88		N	84		N	***	
P_2O_5	15	Band (Starter)*	P_2O_5	10	Band (Starter)*	P_2O_5	0	
K_2O	10	Band (Starter)*	K_2O	0		K_2O	0	
Cl	0		Cl		Not Available	Cl	0	
S	0		S	15	Band	S	10	Broadcast (Trial)
B	0		B	0		B	0	
Zn	0		Zn	0		Zn	0	
Fe	0		Fe	0		Fe	0	
Mn	0		Mn	0		Mn	0	
Cu	0		Cu	0		Cu	0	
Mg	0		Mg	0		Mg	0	
Lime			Lime			Lime		

Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
			% Ca	% Mg	% K	% Na	% H
0-6" 7.6 6-24" 8.5		51.8 meq	(65-75) 50.3	(15-20) 46.7	(1-7) 2.3	(0-5) 0.7	(0-5) 0.0

General Comments: Fine-textured (CEC: 31+ meq)

Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.

Crop 2: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 41 K2O = 20 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

Crop 3: May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is moderate, based on soil carbonate and salinity. Crop nutrient removal: P2O5 = 30 K2O = 47 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

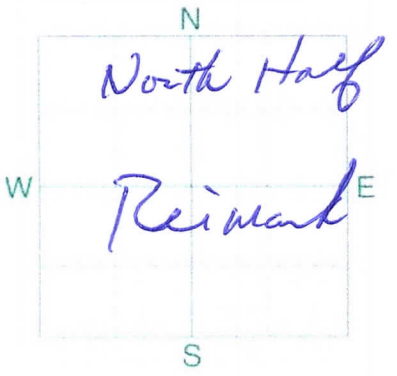
Field 4

AGVISE LABORATORIES

Soil Analysis by Agvise Laboratories
(http://www.agvise.com)
Northwood: (701) 587-6010
Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID **15 and 16 Bearnard**
SAMPLE ID
FIELD NAME
COUNTY
TWP RANGE
SECTION QTR ACRES **320**
PREV. CROP **Soybeans**



SUBMITTED FOR:
Reimark Farms
Box 31 RR1
Steinbach, MB R5G 1L9

SUBMITTED BY: **TE2728**
RICHARDSON PIONEER-LANDMA
231 MAIN STREET
BOX 70
LANDMARK, MB R0A 0X0

REF # **4239025** BOX # **11479**
LAB # **NW152215**

Date Sampled
Date Received **10/04/2023**
Date Reported **10/05/2023**

Nutrient In The Soil		Interpretation
		Very Low Low Med High
Nitrate	0-6" 14 lb/acre 6-24" 21 lb/acre 0-24" 35 lb/acre	**********
Phosphorus	Olsen 16 ppm	**********
Potassium	359 ppm	**********
Chloride	0-24" 28 lb/acre	**********
Sulfur	0-6" 46 lb/acre 6-24" 360 +lb/acre	********** **********
Boron	1.4 ppm	**********
Zinc	1.16 ppm	**********
Iron	28.1 ppm	**********
Manganese	1.6 ppm	**********
Copper	2.01 ppm	**********
Magnesium	2881 ppm	**********
Calcium	5926 ppm	**********
Sodium	119 ppm	**********
Org.Matter	7.2 %	**********
Carbonate(CCE)	2.8 %	**********
Sol. Salts	0-6" 0.88 mmho/cm 6-24" 1.9 mmho/cm	********** **********

1st Crop Choice		
Wheat-Spring		
YIELD GOAL		
60 BU		
SUGGESTED GUIDELINES		
Band		
LB/ACRE		APPLICATION
N	112	
P_2O_5	19	Band *
K_2O	10	Band (Starter)*
Cl	12	Broadcast
S	0	
B	0	
Zn	0	
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime		

2nd Crop Choice		
Canola-bu		
YIELD GOAL		
45 BU		
SUGGESTED GUIDELINES		
Band/Maint.		
LB/ACRE		APPLICATION
N	108	
P_2O_5	41	Band *
K_2O	0	
Cl		Not Available
S	10	Band
B	0	
Zn	0	
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime		

3rd Crop Choice		
Soybeans		
YIELD GOAL		
40 BU		
SUGGESTED GUIDELINES		
Broadcast/Maint.		
LB/ACRE		APPLICATION
N	***	
P_2O_5	30	Broadcast
K_2O	0	
Cl	0	
S	0	
B	0	
Zn	0	
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime		

Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
			% Ca	% Mg	% K	% Na	% H
0-6" 7.7 6-24" 8.2		55.1 meq	(65-75) 53.8	(15-20) 43.6	(1-7) 1.7	(0-5) 0.9	(0-5) 0.0

General Comments: Soil texture is not estimated on high pH soils.

Crop 1: 26 lb potassium chloride (0-0-60-50Cl) = 12 lb chloride. *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 15 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.

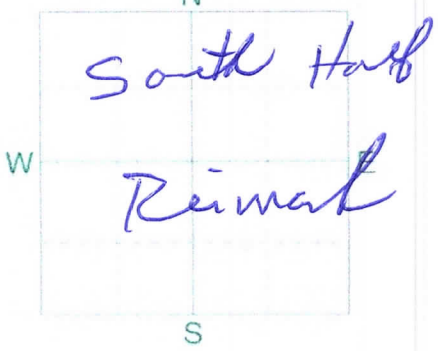
Crop 2: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 15 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 41 K2O = 20 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

Crop 3: Previous crop nitrogen credit: 15 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is high, based on soil carbonate and salinity. Crop nutrient removal: P2O5 = 30 K2O = 47 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them. Soybean may respond to nitrogen if soybean history is limited and less than 60 lb/acre nitrate-N is present.

Field 5

1/9/6

South Half Reimark



AGVISE LABORATORIES

Soil Analysis by Agvise Laboratories
(http://www.agvise.com)
Northwood: (701) 587-6010
Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID **14 Bearnard 305**
SAMPLE ID
FIELD NAME **Bearnard 305**
COUNTY **6**
TWP **9** RANGE
SECTION **1** QTR ACRES **305**
PREV. CROP **Soybeans**

SUBMITTED FOR:
Reimark Farms
Box 31 RR1
Steinbach, MB R5G 1L9

SUBMITTED BY: **TE2728**
RICHARDSON PIONEER-LANDMA
231 MAIN STREET
BOX 70
LANDMARK, MB R0A 0X0

REF # **4239026** BOX # **563**
LAB # **NW158844**

Date Sampled | Date Received **10/05/2023** | Date Reported **10/07/2023**

Nutrient In The Soil		Interpretation (Very Low / Low / Med / High)
Nitrate 0-6"	9 lb/acre	*****
Nitrate 6-24"	3 lb/acre	
Nitrate 0-24"	12 lb/acre	
Phosphorus (Olsen)	12 ppm	*****
Potassium	386 ppm	*****
Chloride 0-24"	20 lb/acre	*****
Sulfur 0-6"	26 lb/acre	*****
Sulfur 6-24"	360 +lb/acre	*****
Boron	1.4 ppm	*****
Zinc	0.90 ppm	*****
Iron	35.7 ppm	*****
Manganese	1.2 ppm	*****
Copper	2.43 ppm	*****
Magnesium	3229 ppm	*****
Calcium	5077 ppm	*****
Sodium	134 ppm	*****
Org.Matter	7.5 %	*****
Carbonate(CCE)	1.2 %	*****
Sol. Salts 0-6"	0.86 mmho/cm	*****
Sol. Salts 6-24"	1.52 mmho/cm	*****

1st Crop Choice		
Wheat-Spring		
YIELD GOAL		
60 BU		
SUGGESTED GUIDELINES		
Band		
LB/ACRE		APPLICATION
N	135	
P_2O_5	27	Band *
K_2O	10	Band (Starter)*
Cl	20	Broadcast
S	0	
B	0	
Zn	0	
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime		

2nd Crop Choice		
Canola-bu		
YIELD GOAL		
45 BU		
SUGGESTED GUIDELINES		
Band/Maint.		
LB/ACRE		APPLICATION
N	131	
P_2O_5	41	Band *
K_2O	0	
Cl		Not Available
S	15	Band
B	0	
Zn	1	Band
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime		

3rd Crop Choice		
Soybeans		
YIELD GOAL		
40 BU		
SUGGESTED GUIDELINES		
Broadcast/Maint.		
LB/ACRE		APPLICATION
N	***	
P_2O_5	42	Broadcast
K_2O	0	
Cl	0	
S	10	Broadcast (Trial)
B	0	
Zn	0	
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime		

Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
			% Ca	% Mg	% K	% Na	% H
0-6" 7.5 6-24" 8.2		53.9 meq	(65-75) 47.1	(15-20) 50.0	(1-7) 1.8	(0-5) 1.1	(0-5) 0.0

General Comments: Fine-textured (CEC: 31+ meq)

Crop 1: 44 lb potassium chloride (0-0-60-50Cl) = 20 lb chloride. *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 15 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.

Crop 2: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 15 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 41 K2O = 20 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

Crop 3: Previous crop nitrogen credit: 15 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is moderate, based on soil carbonate and salinity. Crop nutrient removal: P2O5 = 30 K2O = 47 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them. Soybean may respond to nitrogen if soybean history is limited and less than 60 lb/acre nitrate-N is present.

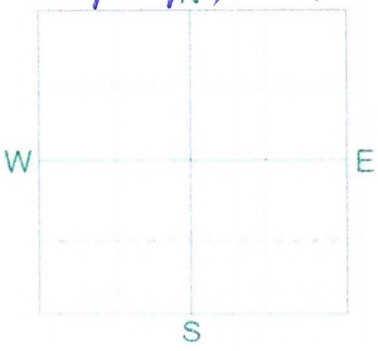
Field 6

2/9/26 Reimark

AGVISE LABORATORIES
Soil Analysis by Agvise Laboratories
(http://www.agvise.com)
Northwood: (701) 587-6010
Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID **11 Section 2**
SAMPLE ID
FIELD NAME **Section 2**
COUNTY **6**
TWP **9** RANGE
SECTION **2** QTR **SE** ACRES **100**
PREV. CROP **Wheat-Spring**



SUBMITTED FOR:
Reimark Farms
Box 31 RR1
Steinbach, MB R5G 1L9

SUBMITTED BY: **TE2728**
RICHARDSON PIONEER-LANDMA
231 MAIN STREET
BOX 70
LANDMARK, MB R0A 0X0

REF # **4166466** BOX # **2797**
LAB # **NW89152**

Date Sampled | Date Received **09/13/2023** | Date Reported **09/14/2023**

Nutrient In The Soil		Interpretation			
		Very Low	Low	Med	High
Nitrate	0-6" 17 lb/acre 6-24" 15 lb/acre 0-24" 32 lb/acre	**********			
Phosphorus	Olsen 14 ppm	**********	**********		
Potassium	373 ppm	**********	**********	**********	**********
Chloride	0-24" 28 lb/acre	**********	**********		
Sulfur	0-6" 26 lb/acre 6-24" 360 +lb/acre	**********	**********	**********	
Boron	1.1 ppm	**********	**********		
Zinc	0.85 ppm	**********	**********		
Iron	44.8 ppm	**********	**********	**********	**********
Manganese	2.1 ppm	**********	**********	**********	
Copper	2.42 ppm	**********	**********	**********	**********
Magnesium	3081 ppm	**********	**********	**********	**********
Calcium	4467 ppm	**********	**********	**********	**********
Sodium	136 ppm	**********	**********	**********	**********
Org.Matter	7.3 %	**********	**********	**********	**********
Carbonate(CCE)	0.1 %	*			
Sol. Salts	0-6" 0.83 mmho/cm 6-24" 1.26 mmho/cm	**********	**********	**********	**********

1st Crop Choice		
Wheat-Spring		
YIELD GOAL		
60 BU		
SUGGESTED GUIDELINES		
Band		
LB/ACRE		APPLICATION
N	130	
P_2O_5	23	Band *
K_2O	10	Band (Starter)*
Cl	12	Broadcast
S	0	
B	0	
Zn	0	
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime		

2nd Crop Choice		
Canola-bu		
YIELD GOAL		
45 BU		
SUGGESTED GUIDELINES		
Band/Maint.		
LB/ACRE		APPLICATION
N	126	
P_2O_5	41	Band *
K_2O	0	
Cl		Not Available
S	15	Band
B	0	
Zn	1	Band
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime		

3rd Crop Choice		
Soybeans		
YIELD GOAL		
40 BU		
SUGGESTED GUIDELINES		
Broadcast/Maint.		
LB/ACRE		APPLICATION
N	***	
P_2O_5	35	Broadcast
K_2O	0	
Cl	0	
S	10	Broadcast (Trial)
B	0	
Zn	0	
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime		

Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
			% Ca	% Mg	% K	% Na	% H
0-6" 7.3 6-24" 8.2		49.6 meq	(65-75) 45.1	(15-20) 51.8	(1-7) 1.9	(0-5) 1.2	(0-5) 0.0

General Comments: Fine-textured (CEC: 31+ meq)
Percent hydrogen is estimated from water pH, CEC corrected for exchangeable acidity.

Crop 1: 26 lb potassium chloride (0-0-60-50Cl) = 12 lb chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.

Crop 2: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 41 K2O = 20 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

Crop 3: May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is moderate, based on soil carbonate and salinity. Crop nutrient removal: P2O5 = 30 K2O = 47 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them. Soybean may respond to nitrogen if soybean history is limited and less than 60 lb/acre nitrate-N is present.