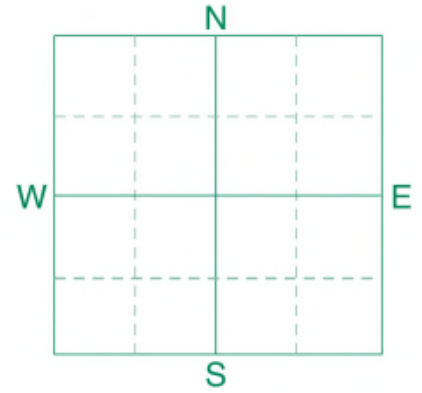




Soil Analysis by Agvise Laboratories
 (http://www.agvise.com)
 Northwood: (701) 587-6010
 Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID Field # 1
 SAMPLE ID
 FIELD NAME **Lloyd Friesen**
 COUNTY
 TWP **NW 1-5-1w** RANGE
 SECTION QTR ACRES **114**
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
Sunnybrook Swine 2

SUBMITTED BY: **EL1911**
AGRA-GOLD CONSULTING LTD
90 OAKDALE DR
BOX 156
BLUMENORT, MB **ROA 0C0**

REF # **4214119** BOX # **4541**
 LAB # **NW111368**

Date Sampled **09/20/2023** Date Received **09/20/2023** Date Reported **09/21/2023**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow Low Med High	Wheat-Spring								
Nitrate	0-6" 6-24"	15 lb/acre 15 lb/acre	YIELD GOAL		YIELD GOAL		YIELD GOAL				
		*****	80 BU								
	0-24"	30 lb/acre	SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
			Band								
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Olsen Phosphorus	16 ppm	*****	N	186		N					
Potassium	587 ppm	*****	P ₂ O ₅	26	Band *	P ₂ O ₅		P ₂ O ₅			
Chloride			K ₂ O	10	Band (Starter)*	K ₂ O		K ₂ O			
Sulfur	0-6" 6-24"	44 lb/acre 72 lb/acre	Cl			Cl		Cl			
Boron			S	0		S		S			
Zinc	1.10 ppm	*****	B			B		B			
Iron			Zn	0		Zn		Zn			
Manganese			Fe			Fe		Fe			
Copper			Mn			Mn		Mn			
Magnesium	1530 ppm	*****	Cu			Cu		Cu			
Calcium	5067 ppm	*****	Mg	0		Mg		Mg			
Sodium	79 ppm	*****	Lime			Lime		Lime			
Org.Matter	5.1 %	*****	Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Carbonate(CCE)			0-6"	8.1	Buffer pH		% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 6-24"	0.76 mmho/cm 0.65 mmho/cm	6-24"	8.6		39.9 meq	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
							63.4	31.9	3.8	0.9	0.0

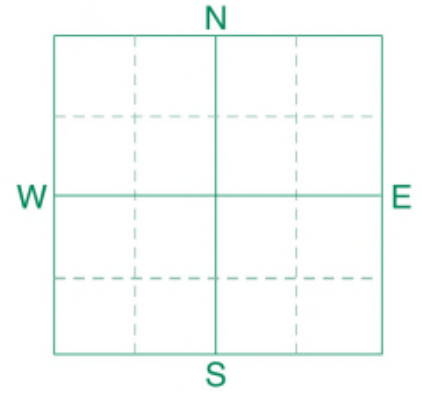
General Comments: Soil texture is not estimated on high pH soils.
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 50 K2O = 30 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID Field # 2
 SAMPLE ID
 FIELD NAME **Lloyd Friesen**
 COUNTY
 TWP **NE 1-5-1w** RANGE
 SECTION QTR ACRES **154**
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
Sunnybrook Swine 2

SUBMITTED BY: **EL1911**
AGRA-GOLD CONSULTING LTD
90 OAKDALE DR
BOX 156
BLUMENORT, MB **ROA 0C0**

REF # **4214118** BOX # **4458**
 LAB # **NW111363**

Date Sampled **09/20/2023** Date Received **09/20/2023** Date Reported **09/21/2023**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice										
		VLow Low Med High	Wheat-Spring		YIELD GOAL		YIELD GOAL										
Nitrate	0-6" 6-24"	30 lb/acre 24 lb/acre					80 BU										
	0-24"	54 lb/acre					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES								
							Band										
							LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION					
							N	162	N		N						
Phosphorus	Olsen	50 ppm					P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅		P ₂ O ₅					
Potassium		536 ppm					K ₂ O	10	Band (Starter)*	K ₂ O		K ₂ O					
Chloride							Cl			Cl		Cl					
Sulfur	0-6" 6-24"	54 lb/acre 72 lb/acre					S	0		S		S					
Boron							B			B		B					
Zinc		2.36 ppm					Zn	0		Zn		Zn					
Iron							Fe			Fe		Fe					
Manganese							Mn			Mn		Mn					
Copper							Cu			Cu		Cu					
Magnesium		1492 ppm					Mg	0		Mg		Mg					
Calcium		4969 ppm					Lime			Lime		Lime					
Sodium		57 ppm					Soil pH		Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Org.Matter		4.5 %					0-6"	8.0			38.9 meq	% Ca	% Mg	% K	% Na	% H	
Carbonate(CCE)							6-24"	8.5				(65-75)	(15-20)	(1-7)	(0-5)	(0-5)	
Sol. Salts	0-6" 6-24"	0.69 mmho/cm 0.57 mmho/cm										63.9	32.0	3.5	0.6	0.0	

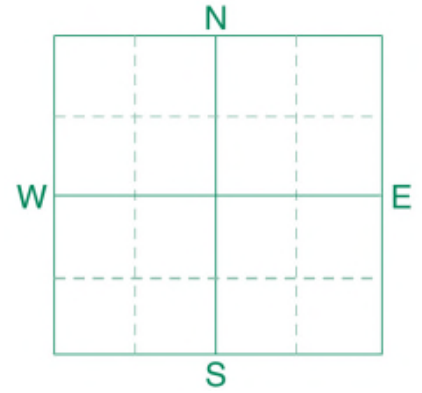
General Comments: Soil texture is not estimated on high pH soils.
 Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 50 K2O = 30 AGVISE
 Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID Field # 3
 SAMPLE ID
 FIELD NAME
 COUNTY **1E**
 TWP **5** RANGE
 SECTION **6** QTR **NW** ACRES **160**
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
SUNNYBROOK SOW 2

SUBMITTED BY: **EL1911**
AGRA-GOLD CONSULTING LTD
90 OAKDALE DR
BOX 156
BLUMENORT, MB **ROA 0C0**

REF # **21355201** BOX # **4447**
 LAB # **NW108790**

Date Sampled **09/20/2023**

Date Received **09/20/2023**

Date Reported **09/21/2023**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow Low Med High									
Nitrate	0-6" 6-24"	19 lb/acre 12 lb/acre			Wheat-Spring						
					YIELD GOAL		YIELD GOAL				
	0-24"	31 lb/acre			80 BU						
					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
					Broadcast						
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Olsen Phosphorus	13 ppm		N	185		N		N			
Potassium	396 ppm		P ₂ O ₅	63	Broadcast	P ₂ O ₅		P ₂ O ₅			
Chloride			K ₂ O	10	Band (Starter)*	K ₂ O		K ₂ O			
Sulfur	0-6" 6-24"	26 lb/acre 300 lb/acre	Cl			Cl		Cl			
Boron			S	0		S		S			
Zinc	0.72 ppm		B			B		B			
Iron			Zn	0		Zn		Zn			
Manganese			Fe			Fe		Fe			
Copper			Mn			Mn		Mn			
Magnesium	1563 ppm		Cu			Cu		Cu			
Calcium	5136 ppm		Mg	0		Mg		Mg			
Sodium	63 ppm		Lime			Lime		Lime			
Org.Matter	4.6 %		Soil pH		Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)			
Carbonate(CCE)			0-6"	8.2		40.0 meq	% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 6-24"	0.61 mmho/cm 0.79 mmho/cm	6-24"	8.5			(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
							64.2	32.6	2.5	0.7	0.0

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

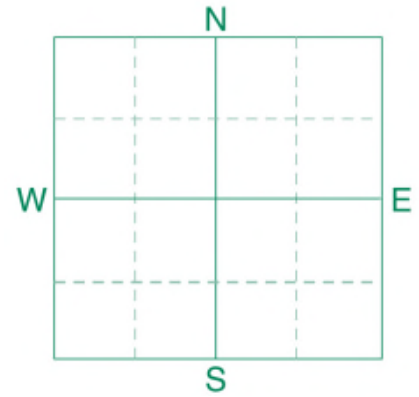
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 50 K2O = 30 AGVISE Broadcast guideline will build P & K test levels to the high range over several years.



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

SOIL TEST REPORT

FIELD ID Field # 4
 SAMPLE ID
 FIELD NAME **Lloyd Friesen**
 COUNTY
 TWP **NE 2-5-1w** RANGE
 SECTION QTR ACRES **155**
 PREV. CROP **Soybeans**



SUBMITTED FOR:
Sunnybrook Swine 2

SUBMITTED BY: **EL1911**
AGRA-GOLD CONSULTING LTD
90 OAKDALE DR
BOX 156
BLUMENORT, MB ROA 0C0

REF # **3938265** BOX # **4995**
 LAB # **NW218422**

Date Sampled **10/27/2022**

Date Received **10/29/2022**

Date Reported **11/05/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High									
Nitrate	0-6" 6-24"	*****				Corn-Grain								
						YIELD GOAL		YIELD GOAL		YIELD GOAL				
						160 BU								
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
	0-24"					Band								
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Phosphorus	Olsen 25 ppm	*****	*****	*****	*****	N 148		N		N				
Potassium	594 ppm	*****	*****	*****	*****	P ₂ O ₅ 15	Band (2x2) *	P ₂ O ₅		P ₂ O ₅				
Chloride						K ₂ O 10	Band (2x2) *	K ₂ O		K ₂ O				
Sulfur	0-6" 6-24"	*****	*****	*****	*****	Cl		Cl		Cl				
Boron						S 0		S		S				
Zinc	1.54 ppm	*****	*****	*****	*****	B		B		B				
Iron						Zn 0		Zn		Zn				
Manganese						Fe		Fe		Fe				
Copper						Mn		Mn		Mn				
Magnesium	1560 ppm	*****	*****	*****	*****	Cu		Cu		Cu				
Calcium	5163 ppm	*****	*****	*****	*****	Mg 0		Mg		Mg				
Sodium	45 ppm	*****	*****	*****	*****	Lime		Lime		Lime				
Org.Matter	6.4 %	*****	*****	*****	*****									
Carbonate(CCE)														
Sol. Salts	0-6"	*****	*****	*****	*****	Soil pH	Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)				
	6-24"					Soil pH	Buffer pH	Capacity	% Ca	% Mg	% K	% Na	% H	
	0.55 mmho/cm					0-6" 8.0		40.5 meq	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)	
	0.63 mmho/cm					6-24" 8.3			63.7	32.1	3.8	0.5	0.0	

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

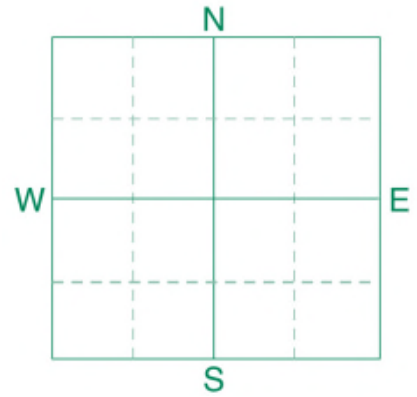
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 30 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 59 K2O = 37 AGVISE Band guideline will build P & K test levels to the medium range over several years.



Soil Analysis by Agvise Laboratories
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 Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID Field # 5
 SAMPLE ID
 FIELD NAME **Lloyd Friesen**
 COUNTY
 TWP **NW 12-5-1w** RANGE
 SECTION QTR ACRES **161**
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
Sunnybrook Swine 2

SUBMITTED BY: **EL1911**
AGRA-GOLD CONSULTING LTD
90 OAKDALE DR
BOX 156
BLUMENORT, MB ROA OCO

REF # **3938262** BOX # **4995**
 LAB # **NW218421**

Date Sampled **10/27/2022**

Date Received **10/29/2022**

Date Reported **11/05/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice						
		VLow	Low	Med	High											
Nitrate	0-6" 6-24"	53 lb/acre 6 lb/acre	*****	*****	*****	Corn-Grain										
	0-24"	59 lb/acre	*****	*****	*****	YIELD GOAL		YIELD GOAL		YIELD GOAL						
						160 BU										
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES						
						Band										
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION					
Phosphorus	Olsen	10 ppm	*****	*****	*****	N	133	N		N						
Potassium		510 ppm	*****	*****	*****	P ₂ O ₅	48 Band *	P ₂ O ₅		P ₂ O ₅						
Chloride						K ₂ O	10 Band (2x2) *	K ₂ O		K ₂ O						
Sulfur	0-6" 6-24"	46 lb/acre 132 lb/acre	*****	*****	*****	Cl		Cl		Cl						
Boron						S	0	S		S						
Zinc		1.01 ppm	*****	*****	*****	B		B		B						
Iron						Zn	0	Zn		Zn						
Manganese						Fe		Fe		Fe						
Copper						Mn		Mn		Mn						
Magnesium		1678 ppm	*****	*****	*****	Cu		Cu		Cu						
Calcium		5426 ppm	*****	*****	*****	Mg	0	Mg		Mg						
Sodium		72 ppm	*****	*****	*****	Lime		Lime		Lime						
Org.Matter		5.5 %	*****	*****	*****	Soil pH		Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Carbonate(CCE)						0-6"	7.7			42.7 meq		% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 6-24"	0.95 mmho/cm 0.78 mmho/cm	*****	*****	*****	6-24"	8.3					(65-75) 63.5	(15-20) 32.7	(1-7) 3.1	(0-5) 0.7	(0-5) 0.0

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

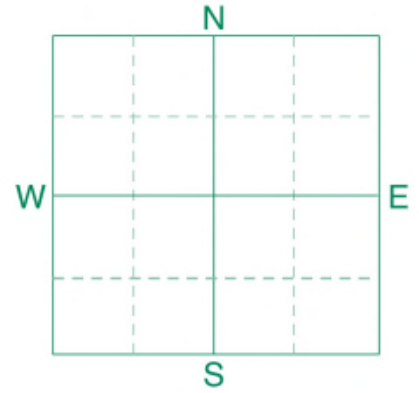
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 59 K2O = 37
 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID Field # 6
 SAMPLE ID
 FIELD NAME **Lloyd Friesen**
 COUNTY
 TWP **N 11-5-1w** RANGE
 SECTION QTR ACRES **220**
 PREV. CROP **Wheat-Spring**



SUBMITTED FOR:
Sunnybrook Swine 2

SUBMITTED BY: **EL1911**
AGRA-GOLD CONSULTING LTD
90 OAKDALE DR
BOX 156
BLUMENORT, MB ROA 0C0

REF # **4191083** BOX # **3182**
 LAB # **NW94438**

Date Sampled **09/13/2023**

Date Received **09/14/2023**

Date Reported **09/15/2023**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice				
		VLow	Low	Med	High	Canola-bu										
Nitrate	0-6" 6-24"	48 lb/acre 18 lb/acre						YIELD GOAL			YIELD GOAL			YIELD GOAL		
	0-24"	66 lb/acre		*****				60 BU								
								SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
								Band								
Olsen	22 ppm	*****				LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION			
Phosphorus	597 ppm	*****				N	144		N			N				
Potassium						P2O5	10	Band (Starter)*	P2O5			P2O5				
Chloride						K2O	0		K2O			K2O				
Sulfur	0-6" 6-24"	36 lb/acre 102 lb/acre		*****				Cl			Cl			Cl		
Boron								S	10	Band	S			S		
Zinc	0.86 ppm	*****				B			B			B				
Iron								Zn	1	Band	Zn			Zn		
Manganese								Fe			Fe			Fe		
Copper								Mn			Mn			Mn		
Magnesium	1762 ppm	*****				Cu			Cu			Cu				
Calcium	5329 ppm	*****				Mg	0		Mg			Mg				
Sodium	61 ppm	*****				Lime			Lime			Lime				
Org.Matter	5.9 %	*****				Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)							
Carbonate(CCE)									% Ca	% Mg	% K	% Na	% H			
Sol. Salts	0-6" 6-24"	0.87 mmho/cm 0.67 mmho/cm		*****				0-6" 7.7 6-24" 8.4		43.1 meq	(65-75) 61.8	(15-20) 34.0	(1-7) 3.5	(0-5) 0.6	(0-5) 0.0	

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

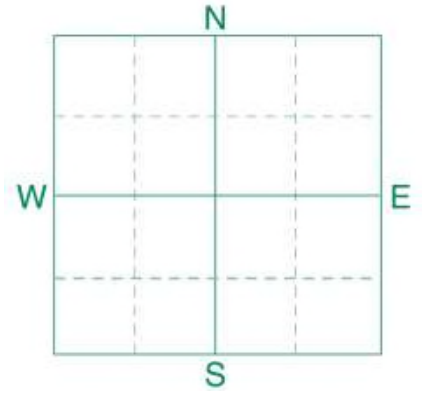
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 54 K2O = 27 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **SW 14-5-1W**
 SAMPLE ID
 FIELD NAME **Field # 7**
 COUNTY
 TWP **5** RANGE **1W**
 SECTION **14** QTR **SW** ACRES **0**
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
JEREMY FRIESEN

SUBMITTED BY: **RO1610**
ROSENORT AGRO LTD
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB **ROG 1W0**

REF # **3872003** BOX # **2162**
 LAB # **NW168717**

Date Sampled

Date Received **10/16/2022**

Date Reported **10/19/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow	Low	Med	High	Barley		Oats		Wheat-Spring			
Nitrate	0-6" 6-24"	*****				YIELD GOAL		YIELD GOAL		YIELD GOAL			
		*****				80 BU		140 BU		75 BU			
	0-24"	*****				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
		*****				Band/Maint.		Band/Maint.		Band/Maint.			
Olsen	18 ppm	*****				LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Phosphorus	591 ppm	*****				N	81	N	97	N	160		
Potassium	76 lb/acre	*****				P ₂ O ₅	38 Band *	P ₂ O ₅	35 Band *	P ₂ O ₅	47 Band *		
Chloride	58 lb/acre 36 lb/acre	*****				K ₂ O	10 Band (Starter)*	K ₂ O	10 Band (Starter)*	K ₂ O	10 Band (Starter)*		
Sulfur	1.3 ppm	*****				Cl	0	Cl	0	Cl	0		
Boron	0.78 ppm	*****				S	0	S	0	S	0		
Iron	25.0 ppm	*****				B	0	B	0	B	0		
Manganese	1.7 ppm	*****				Zn	0	Zn	0	Zn	0		
Copper	2.05 ppm	*****				Fe	0	Fe	0	Fe	0		
Magnesium	1547 ppm	*****				Mn	0	Mn	0	Mn	0		
Calcium	4882 ppm	*****				Cu	0	Cu	0	Cu	0		
Sodium	57 ppm	*****				Mg	0	Mg	0	Mg	0		
Org.Matter	5.8 %	*****				Lime		Lime		Lime			
Carbonate(CCE)	1.1 %	*****				Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
Sol. Salts	0-6"	*****				0-6"	7.7	39.1 meq	% Ca	% Mg	% K	% Na	% H
	6-24"	*****				6-24"	8.3		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
									62.5	33.0	3.9	0.6	0.0

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

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 = 40 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests, Crop nutrient removal: P2O5 = 35 K2O = 27 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

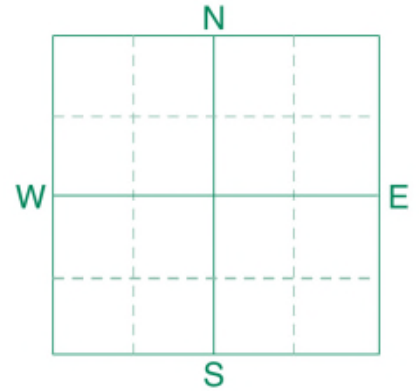
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests, Crop nutrient removal: P2O5 = 47 K2O = 28 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

FIELD ID # 8
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP 5 RANGE 1W
 SECTION 13 QTR SW SE ACRES 318
 PREV. CROP **Wheat-Spring**



SUBMITTED FOR:
JASON HOLDINGS

SUBMITTED BY: **RO1610**
ROSENORT AGRO LTD
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB **ROG 1W0**

REF # **3793618** BOX # **3200**
 LAB # **NW111342**

Date Sampled

Date Received **09/29/2022**

Date Reported **09/30/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice									
		VLow	Low	Med	High	Soybeans		Soybeans		Soybeans									
Nitrate	0-6" 24 lb/acre					YIELD GOAL		YIELD GOAL		YIELD GOAL									
	6-24" 36 lb/acre					40 BU		50 BU		60 BU									
	0-24" 60 lb/acre					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES									
						Band/Maint.		Band/Maint.		Band/Maint.									
Olsen	32 ppm					LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION								
Phosphorus						N	***	N	***	N	***								
Potassium	623 ppm					P ₂ O ₅	30 Band *	P ₂ O ₅	38 Band *	P ₂ O ₅	45 Band *								
Chloride	0-24" 168 lb/acre					K ₂ O	0	K ₂ O	0	K ₂ O	0								
	0-6" 42 lb/acre					Cl	0	Cl	0	Cl	0								
6-24" 216 lb/acre					S	0	S	0	S	0									
Sulfur						B	0	B	0	B	0								
Boron	1.5 ppm					Zn	0	Zn	0	Zn	0								
Zinc	3.04 ppm					Fe	0	Fe	0	Fe	0								
Iron	31.4 ppm					Mn	0	Mn	0	Mn	0								
Manganese	1.8 ppm					Cu	0	Cu	0	Cu	0								
Copper	2.8 ppm					Mg	0	Mg	0	Mg	0								
Magnesium	1734 ppm					Lime		Lime		Lime									
Calcium	5000 ppm					Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)									
Sodium	75 ppm					Buffer pH				% Ca	% Mg	% K	% Na	% H					
Org.Matter	5.7 %					0-6" 7.8		41.4 meq		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)					
Carbonate(CCE)	1.5 %					6-24" 8.4				60.4	34.9	3.9	0.8	0.0					
Sol. Salts	0-6" 0.64 mmho/cm																		
	6-24" 0.69 mmho/cm																		

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

Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* 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 Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* 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 = 38 K2O = 59 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

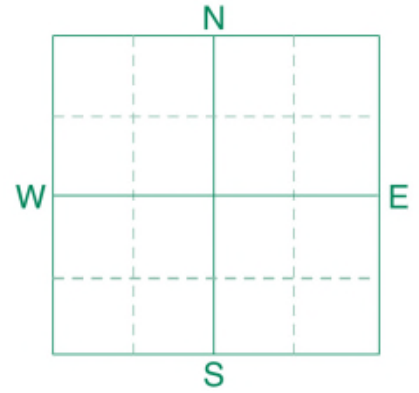
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is moderate, based on soil carbonate and salinity. Crop nutrient removal: P2O5 = 45 K2O = 71 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

FIELD ID Field # 9
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **5** RANGE **1W**
 SECTION **24** QTR **NWNE** ACRES **223**
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
JASON HOLDINGS

SUBMITTED BY: **RO1610**
ROSENORT AGRO LTD
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB **ROG 1W0**

REF # **3793555** BOX # **3200**
 LAB # **NW111340**

Date Sampled

Date Received **09/29/2022**

Date Reported **09/30/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice							
		VLow	Low	Med	High	Wheat-Spring			Oats			Oats							
Nitrate	0-6" 6-24"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL							
						75 BU			140 BU			150 BU							
	0-24"	*****				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES							
						Band/Maint.			Band/Maint.			Band/Maint.							
Olsen	18 ppm	*****				LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION						
Phosphorus	519 ppm	*****				N	166		N	103		N	113						
Potassium	519 ppm	*****				P ₂ O ₅	47	Band *	P ₂ O ₅	35	Band *	P ₂ O ₅	38	Band *					
Chloride	0-24"	*****				K ₂ O	10	Band (Starter)*	K ₂ O	10	Band (Starter)*	K ₂ O	10	Band (Starter)*					
	0-6" 6-24"	*****				Cl	0		Cl	0		Cl	0						
Sulfur	46 lb/acre 198 lb/acre	*****				S	0		S	0		S	0						
Boron	1.5 ppm	*****				B	0		B	0		B	0						
Zinc	0.68 ppm	*****				Zn	0		Zn	0		Zn	0						
Iron	32.9 ppm	*****				Fe	0		Fe	0		Fe	0						
Manganese	2.6 ppm	*****				Mn	0		Mn	0		Mn	0						
Copper	2.4 ppm	*****				Cu	0		Cu	0		Cu	0						
Magnesium	1626 ppm	*****				Mg	0		Mg	0		Mg	0						
Calcium	4880 ppm	*****				Lime			Lime			Lime							
Sodium	74 ppm	*****				Soil pH			Buffer pH			Cation Exchange Capacity			% Base Saturation (Typical Range)				
Org.Matter	6.1 %	*****				0-6"	7.7				39.6 meq		% Ca	% Mg	% K	% Na	% H		
Carbonate(CCE)	0.9 %	*****				6-24"	8.4						(65-75)	(15-20)	(1-7)	(0-5)	(0-5)		
Sol. Salts	0.82 mmho/cm 0.94 mmho/cm	*****										61.6		34.2	3.4	0.8	0.0		

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

Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 47 K2O = 28 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 35 K2O = 27 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

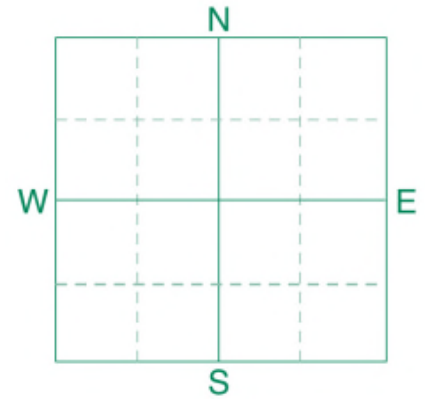
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 38 K2O = 29 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

FIELD ID Field # 10
 SAMPLE ID
 FIELD NAME **Burg Farms Ltd**
 COUNTY
 TWP **SE 3-5-1w** RANGE
 SECTION QTR ACRES **153**
 PREV. CROP **Wheat-Spring**



SUBMITTED FOR:
Sunnybrook Swine 2

SUBMITTED BY: **EL1911**
AGRA-GOLD CONSULTING LTD
90 OAKDALE DR
BOX 156
BLUMENORT, MB ROA 0C0

REF # **3734570** BOX # **1221**
 LAB # **NW70732**

Date Sampled **09/08/2022**

Date Received **09/08/2022**

Date Reported **9/9/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High									
Nitrate	0-6" 6-24"	*****				Canola-bu								
						YIELD GOAL		YIELD GOAL		YIELD GOAL				
						50 BU								
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
	0-24"					Band								
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Olsen Phosphorus	27 ppm	*****	*****	*****	*****	N	159	N		N				
Potassium	637 ppm	*****	*****	*****	*****	P ₂ O ₅	10	P ₂ O ₅		P ₂ O ₅				
							Band (Starter)*							
Chloride						K ₂ O	0	K ₂ O		K ₂ O				
Sulfur	0-6" 6-24"	*****	*****	*****	*****	Cl		Cl		Cl				
Boron						S	15	S		S				
						B		B		B				
Zinc	0.00 ppm					Zn	3	Zn		Zn				
Iron						Fe		Fe		Fe				
Manganese						Mn		Mn		Mn				
Copper						Cu		Cu		Cu				
Magnesium	1507 ppm	*****	*****	*****	*****	Mg	0	Mg		Mg				
Calcium	5085 ppm	*****	*****	*****	*****	Lime		Lime		Lime				
Sodium	51 ppm	*****	*****											
Org.Matter	No Data													
Carbonate(CCE)														
Sol. Salts	0-6"	*****	*****			Soil pH	Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)				
	6-24"	*****	*****			0-6" 7.5		39.8 meq	% Ca	% Mg	% K	% Na	% H	
	0.56 mmho/cm					6-24" 8.2			(65-75)	(15-20)	(1-7)	(0-5)	(0-5)	
	0.53 mmho/cm								63.8	31.5	4.1	0.6	0.0	

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

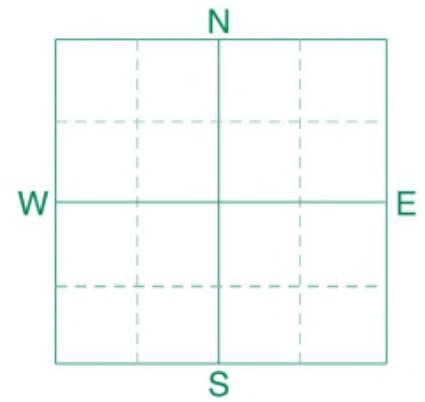
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID Field # 11
 SAMPLE ID
 FIELD NAME **Burg Farms Ltd**
 COUNTY
 TWP **SW 3-5-1w** RANGE
 SECTION QTR ACRES **146**
 PREV. CROP **Wheat-Spring**



SUBMITTED FOR:
Sunnybrook Swine 2

SUBMITTED BY: **EL1911**
AGRA-GOLD CONSULTING LTD
90 OAKDALE DR
BOX 156
BLUMENORT, MB ROA 0C0

REF # **3734571** BOX # **1221**
 LAB # **NW70733**

Date Sampled **09/08/2022**

Date Received **09/08/2022**

Date Reported **9/9/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow	Low	Med	High								
Nitrate	0-6" 6-24"	22 lb/acre 21 lb/acre	*****	*****	*****	Canola-bu							
	0-24"	43 lb/acre				YIELD GOAL		YIELD GOAL		YIELD GOAL			
						50 BU							
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
						Band							
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Olsen Phosphorus	43 ppm	*****	*****	*****	*****	N	132	N		N			
Potassium	747 ppm	*****	*****	*****	*****	P ₂ O ₅	10	P ₂ O ₅		P ₂ O ₅			
							Band (Starter)*						
Chloride						K ₂ O	0	K ₂ O		K ₂ O			
Sulfur	0-6" 6-24"	14 lb/acre 102 lb/acre	*****	*****	*****	Cl		Cl		Cl			
Boron						S	17	S		S			
Zinc	0.00 ppm					B		B		B			
Iron						Zn	3	Zn		Zn			
Manganese						Fe		Fe		Fe			
Copper						Mn		Mn		Mn			
Magnesium	1529 ppm	*****	*****	*****	*****	Cu		Cu		Cu			
Calcium	4975 ppm	*****	*****	*****	*****	Mg	0	Mg		Mg			
Sodium	52 ppm	*****	*****	*****	*****	Lime		Lime		Lime			
Org.Matter	No Data												
Carbonate(CCE)													
Sol. Salts	0-6"	0.56 mmho/cm	*****	*****	*****	Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
	6-24"	0.78 mmho/cm	*****	*****	*****	0-6" 7.3		39.8 meq	% Ca	% Mg	% K	% Na	% H
						6-24" 8.0			(65-75) 62.5	(15-20) 32.0	(1-7) 4.8	(0-5) 0.6	(0-5) 0.0

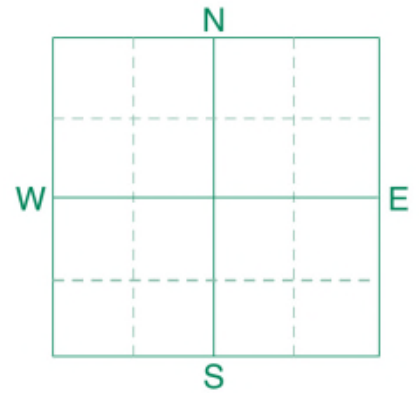
General Comments: Fine-textured (CEC: 31+ meq)
 Percent hydrogen is estimated from water pH, CEC corrected for exchangeable acidity.
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 45 K2O = 23
 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID Field # 12
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP 4 RANGE 1W
 SECTION 33 QTR N1/2 ACRES 295
 PREV. CROP Wheat-Spring



SUBMITTED FOR:
JASON HOLDINGS

SUBMITTED BY: **RO1610**
ROSENORT AGRO LTD
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB **ROG 1W0**

REF # **3731710** BOX # **1618**
 LAB # **NW73651**

Date Sampled

Date Received **09/11/2022**

Date Reported **09/12/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice				
		VLow	Low	Med	High	Canola-bu			Canola-bu			Soybeans				
Nitrate	0-6" 13 lb/acre					YIELD GOAL			YIELD GOAL			YIELD GOAL				
	6-24" 24 lb/acre					50 BU			60 BU			40 BU				
	0-24" 37 lb/acre					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES				
						Band/Maint.			Band/Maint.			Band/Maint.				
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION			
Olsen	19 ppm					N	138		N	173		N	***			
Phosphorus						P ₂ O ₅	45	Band *	P ₂ O ₅	54	Band *	P ₂ O ₅	30	Band *		
Potassium	579 ppm					K ₂ O	0		K ₂ O	0		K ₂ O	0			
Chloride	0-24" 672 lb/acre					Cl		Not Available	Cl		Not Available	Cl	0			
Sulfur	0-6" 22 lb/acre					S	15	Band	S	15	Band	S	5	Band (Trial)		
	6-24" 114 lb/acre					B	0		B	0		B	0			
Boron	1.5 ppm					Zn	1	Band	Zn	1	Band	Zn	0			
Zinc	0.68 ppm					Fe	0		Fe	0		Fe	0			
Iron	29.6 ppm					Mn	0		Mn	0		Mn	0			
Manganese	1.8 ppm					Cu	0		Cu	0		Cu	0			
Copper	2.12 ppm					Mg	0		Mg	0		Mg	0			
Magnesium	1602 ppm					Lime			Lime			Lime				
Calcium	4894 ppm					Soil pH			Cation Exchange Capacity			% Base Saturation (Typical Range)				
Sodium	65 ppm					Buffer pH						% Ca	% Mg	% K	% Na	% H
Org.Matter	6.9 %					0-6" 7.7			39.6 meq		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)	
Carbonate(CCE)	1.1 %					6-24" 8.2					61.8	33.7	3.8	0.7	0.0	
Sol. Salts	0-6" 0.61 mmho/cm															
	6-24" 0.86 mmho/cm															

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

Crop 1: 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 = 45 K2O = 23 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

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 = 54 K2O = 27 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

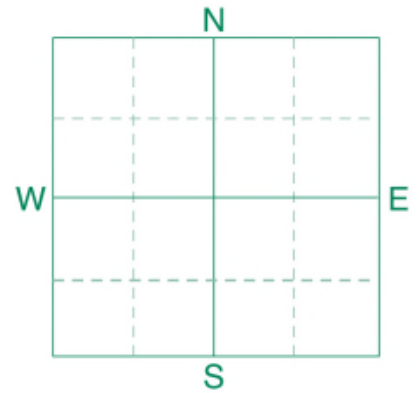
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is moderate, based on soil carbonate and salinity. Crop nutrient removal: P2O5 = 30 K2O = 47 AGVISE Band/Maintenance guideline will build P & K test levels to the medium 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.



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

SOIL TEST REPORT

FIELD ID Field # 13
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP 4 RANGE 1W
 SECTION 34 QTR NW ACRES 137
 PREV. CROP Oats



SUBMITTED FOR:
JASON HOLDINGS

SUBMITTED BY: **RO1610**
ROSENORT AGRO LTD
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB **ROG 1W0**

REF # **3336797** BOX # **1406**
 LAB # **NW68846**

Date Sampled

Date Received **09/02/2021**

Date Reported **09/03/2021**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High									
Nitrate	0-6" 6-24"	21 lb/acre 36 lb/acre				Canola-bu		Canola-bu		Canola-bu				
						YIELD GOAL		YIELD GOAL		YIELD GOAL				
						45 BU		50 BU		60 BU				
	0-24"	57 lb/acre				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
Phosphorus	Olsen	28 ppm				Band/Maint.		Band/Maint.		Band/Maint.				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Potassium		814 ppm				N	101	N	118	N	153			
Chloride	0-24"	1020 lb/acre				P ₂ O ₅	41 Band *	P ₂ O ₅	45 Band *	P ₂ O ₅	54 Band *			
	0-6" 6-24"	20 lb/acre 132 lb/acre				K ₂ O	0	K ₂ O	0	K ₂ O	0			
Sulfur						Cl	Not Available	Cl	Not Available	Cl	Not Available			
Boron		1.4 ppm				S	15 Band	S	15 Band	S	15 Band			
Zinc		1.31 ppm				B	0	B	0	B	0			
Iron		39.6 ppm				Zn	0	Zn	0	Zn	0			
Manganese		4.2 ppm				Fe	0	Fe	0	Fe	0			
Copper		2.27 ppm				Mn	0	Mn	0	Mn	0			
Magnesium		1557 ppm				Cu	0	Cu	0	Cu	0			
Calcium		4797 ppm				Mg	0	Mg	0	Mg	0			
Sodium		67 ppm				Lime		Lime		Lime				
Org.Matter		7.6 %				Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Carbonate(CCE)		1.4 %				Buffer pH				% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 6-24"	0.75 mmho/cm 1.37 mmho/cm				0-6" 7.3		39.4 meq		(65-75) 60.9	(15-20) 33.0	(1-7) 5.3	(0-5) 0.7	(0-5) 0.0
						6-24" 7.9								

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

Crop 1: 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 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 = 45 K2O = 23 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

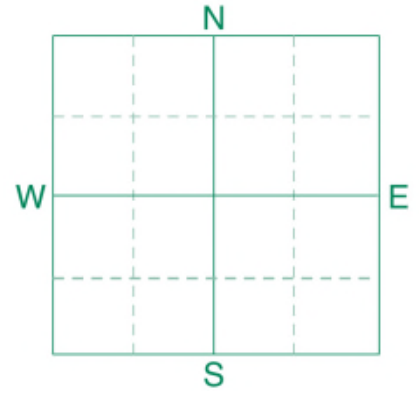
Crop 3: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury. * May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 54 K2O = 27 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

FIELD ID Field # 14
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **4** RANGE **1W**
 SECTION **34** QTR **S1/2** ACRES **291**
 PREV. CROP **Soybeans**



SUBMITTED FOR:
JASON HOLDINGS

SUBMITTED BY: **RO1610**
ROSENORT AGRO LTD
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB **ROG 1W0**

REF # **3389303** BOX # **11171**
 LAB # **NW101469**

Date Sampled

Date Received **09/21/2021**

Date Reported **09/22/2021**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High									
Nitrate	0-6" 12 lb/acre					Canola-bu		Canola-bu		Canola-bu				
	6-24" 12 lb/acre					YIELD GOAL		YIELD GOAL		YIELD GOAL				
	0-24" 24 lb/acre					45 BU		50 BU		60 BU				
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Band/Maint.		Band/Maint.		Band/Maint.				
Olsen Phosphorus	11 ppm					LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Potassium	577 ppm					N	119	N	136	N	171			
Chloride	0-24" 1640 lb/acre					P ₂ O ₅	41 Band *	P ₂ O ₅	45 Band *	P ₂ O ₅	54 Band *			
	0-6" 14 lb/acre 6-24" 192 lb/acre					K ₂ O	0	K ₂ O	0	K ₂ O	0			
Sulfur						Cl	Not Available	Cl	Not Available	Cl	Not Available			
Boron	1.3 ppm					S	17 Band	S	17 Band	S	17 Band			
Zinc	0.90 ppm					B	0	B	0	B	0			
Iron	26.7 ppm					Zn	1 Band	Zn	1 Band	Zn	1 Band			
Manganese	2.8 ppm					Fe	0	Fe	0	Fe	0			
Copper	2.05 ppm					Mn	0	Mn	0	Mn	0			
Magnesium	1592 ppm					Cu	0	Cu	0	Cu	0			
Calcium	5400 ppm					Mg	0	Mg	0	Mg	0			
Sodium	65 ppm					Lime		Lime		Lime				
Org.Matter	6.7 %					Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Carbonate(CCE)	1.2 %					Buffer pH				% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 0.55 mmho/cm					0-6" 7.7		42.0 meq		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
	6-24" 1.31 mmho/cm					6-24" 8.1				64.2	31.6	3.5	0.7	0.0

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

Crop 1: 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 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 = 45 K2O = 23 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

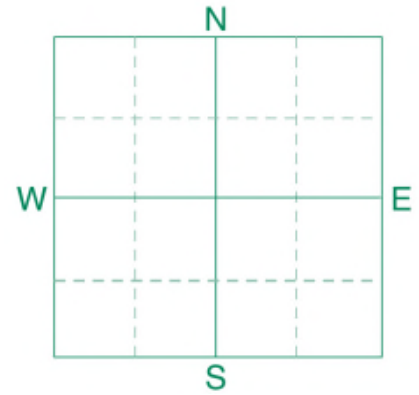
Crop 3: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 15 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 54 K2O = 27 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

FIELD ID Field # 15
 SAMPLE ID
 FIELD NAME **Lloyd Friesen**
 COUNTY
 TWP **SW 35-4-1w** RANGE
 SECTION QTR ACRES **144**
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
Sunnybrook Swine 2

SUBMITTED BY: **EL1911**
AGRA-GOLD CONSULTING LTD
90 OAKDALE DR
BOX 156
BLUMENORT, MB ROA 0C0

REF # **3938261** BOX # **4995**
 LAB # **NW218420**

Date Sampled **10/27/2022**

Date Received **10/29/2022**

Date Reported **11/05/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High									
Nitrate	0-6" 6-24"	52 lb/acre 15 lb/acre	*****	*****	*****	*****	Corn-Grain		YIELD GOAL		YIELD GOAL			
	0-24"	67 lb/acre	*****	*****	*****	*****	160 BU		YIELD GOAL		YIELD GOAL			
			*****	*****	*****	*****	SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
Phosphorus	Olsen	13 ppm	*****	*****	*****	*****	Band							
			*****	*****	*****	*****	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Sulfur	0-6" 6-24"	42 lb/acre 60 lb/acre	*****	*****	*****	*****	N	125	N		N			
			*****	*****	*****	*****	P ₂ O ₅	36 Band *	P ₂ O ₅		P ₂ O ₅			
Zinc		0.80 ppm	*****	*****	*****	*****	K ₂ O	10 Band (2x2) *	K ₂ O		K ₂ O			
			*****	*****	*****	*****	Cl		Cl		Cl			
Magnesium		1539 ppm	*****	*****	*****	*****	S	0	S		S			
			*****	*****	*****	*****	B		B		B			
Calcium		5404 ppm	*****	*****	*****	*****	Zn	1 Band	Zn		Zn			
			*****	*****	*****	*****	Fe		Fe		Fe			
Sodium		60 ppm	*****	*****	*****	*****	Mn		Mn		Mn			
			*****	*****	*****	*****	Cu		Cu		Cu			
Sol. Salts	0-6" 6-24"	0.9 mmho/cm 0.63 mmho/cm	*****	*****	*****	*****	Mg	0	Mg		Mg			
			*****	*****	*****	*****	Lime		Lime		Lime			
							Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
							0-6" 7.8		41.4 meq	% Ca	% Mg	% K	% Na	% H
							6-24" 8.4			(65-75) 65.2	(15-20) 31.0	(1-7) 3.2	(0-5) 0.6	(0-5) 0.0

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

Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 59 K2O = 37
 AGVISE Band guideline will build P & K test levels to the medium range over several years.