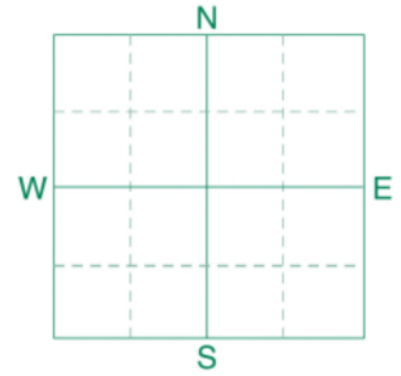




Analysis by AGVISE Laboratories
www.agvise.com
Northwood: (701) 587-6010
Benson: (320) 843-4109

SOIL TEST REPORT

Field ID:
Field Name:
Sample ID:
County: Section: **26**
Township: **5** Quarter: **N**
Range: **2W** Acres: **320**
Previous Crop: **Canola-bu**



SUBMITTED FOR:

KBF Farms
Box 21
Rosenort, MB R0G-1W0
Canada

SUBMITTED BY:

ROSENORT AGRO LTD **RO1610**
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB R0G-1W0
Canada

Ref #: **5753238**
Box #: **10192**
Lab #: **NW99531**

Date Sampled:

Date Received: **9/18/2025**

Date Reported: **9/19/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High	Wheat-Spring		Wheat-Spring		Oats				
Nitrate	0-6"	24 lb/acre				YIELD GOAL		YIELD GOAL		YIELD GOAL				
	6-24"	18 lb/acre				75 BU		80 BU		140 BU				
	0-24"	42 lb/acre	*****	*****	*****	SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Band/Maint.		Band/Maint.		Band/Maint.				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
					N	161	N	174	N	98				
					P ₂ O ₅	47	Band *	P ₂ O ₅	50	Band *	P ₂ O ₅	35	Band *	
					K ₂ O	10	Band (Starter)*	K ₂ O	10	Band (Starter)*	K ₂ O	10	Band (Starter)*	
Phosphorus	Olsen	18 ppm	*****	*****	*****	Cl	0	Cl	0	Cl	0			
Potassium		518 ppm	*****	*****	*****	S	0	S	0	S	0			
Chloride	0-24"	108 lb/acre	*****	*****	*****	B	0	B	0	B	0			
						Zn	0	Zn	0	Zn	0			
Sulfur	0-6"	48 lb/acre	*****	*****	*****	Fe	0	Fe	0	Fe	0			
	6-24"	210 lb/acre	*****	*****	*****	Mn	0	Mn	0	Mn	0			
Boron		1.5 ppm	*****	*****	*****	Cu	0	Cu	0	Cu	0			
Zinc		1.32 ppm	*****	*****	*****	Mg	0	Mg	0	Mg	0			
Iron		13.2 ppm	*****	*****	*****	Lime	0	Lime	0	Lime	0			
Manganese		1.2 ppm	*****	*****	*	Soil pH		Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
Copper		1.75 ppm	*****	*****	*	0-6"	8.4			% Ca	% Mg	% K	% Na	% H
Magnesium		1489 ppm	*****	*****	*****	6-24"	8.7	46.3 meq		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
Calcium		6426 ppm	*****	*****	*****					69.5	26.8	2.9	0.9	0.0
Sodium		91 ppm	*****	*****	**									
Org. Matter		6.3 %	*****	*****	*****									
Carbonate (CCE)		6.0 %	*****	*****	*									
Sol. Salts	0-6"	0.65 mmho/cm	*****	*****	****									
	6-24"	0.83 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. 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.

Crop 2: *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/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

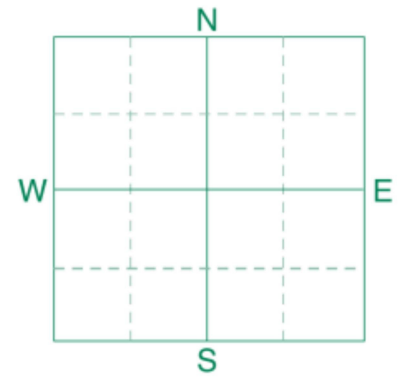
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 35 K₂O = 27 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

Field ID:
Field Name:
Sample ID:
County: Section: **26**
Township: **5** Quarter: **S**
Range: **2W** Acres: **320**
Previous Crop: **Oats**



SUBMITTED FOR:

KBF Farms
Box 21
Rosenort, MB R0G-1W0
Canada

SUBMITTED BY:

ROSENORT AGRO LTD **RO1610**
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB R0G-1W0
Canada

Ref #: **5753245**
Box #: **4805**
Lab #: **NW83359**

Date Sampled:

Date Received: **9/9/2025**

Date Reported: **9/10/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High									
Nitrate	0-6"	29 lb/acre				Canola-bu			Canola-bu			Soybeans		
	6-24"	51 lb/acre				YIELD GOAL			YIELD GOAL			YIELD GOAL		
	0-24"	80 lb/acre	*****	*****	*****	55 BU			60 BU			40 BU		
						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
						Band/Maint.			Band/Maint.			Band/Maint.		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
					N	85	Customized	N	100	Customized	N	***		
					P ₂ O ₅	50	Band *	P ₂ O ₅	54	Band *	P ₂ O ₅	30	Band *	
					K ₂ O	0		K ₂ O	0		K ₂ O	0		
Phosphorus	Olsen	35 ppm	*****	*****	*****	*****		Cl		Not Available	Cl		Not Available	
Potassium		641 ppm	*****	*****	*****	*****	S	15	Band	S	15	Band	S	0
Chloride	0-24"	84 lb/acre	*****	*****	*****	B	0		B	0		B	0	
						Zn	0		Zn	0		Zn	0	
						Fe	0		Fe	0		Fe	0	
Sulfur	0-6"	34 lb/acre	*****	*****	*****	Mn	0		Mn	0		Mn	0	
	6-24"	360 +lb/acre	*****	*****	*****	Cu	0		Cu	0		Cu	0	
Boron		2.1 ppm	*****	*****	*****	Mg	0		Mg	0		Mg	0	
Zinc		1.97 ppm	*****	*****	*****	Lime	0		Lime	0		Lime	0	
Iron		19.4 ppm	*****	*****	*****	Soil pH			Buffer pH			Cation Exchange Capacity		
Manganese		1.5 ppm	*****	*****	***	0-6" 8.0			48.3 meq			% Base Saturation (Typical Range)		
Copper		1.92 ppm	*****	*****	**	6-24" 8.4						% Ca		
Magnesium		1648 ppm	*****	*****	*****							% Mg		
Calcium		6464 ppm	*****	*****	*****							% K		
Sodium		129 ppm	*****	*****	*							% Na		
Org. Matter		5.6 %	*****	*****	****							% H		
Carbonate (CCE)		3.8 %	*****	*****	***									
Sol. Salts	0-6"	0.95 mmho/cm	*****	*****	*									
	6-24"	1.29 mmho/cm	*****	*****	***									

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

Crop 1: Limited data on crop response to chloride. Nitrogen guideline customized by the submitter. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 25 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. Nitrogen guideline customized by the submitter. *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.

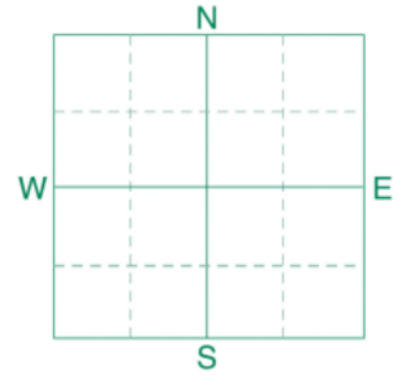
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is high, based on soil carbonate and salinity. Crop nutrient removal: P₂O₅ = 30 K₂O = 47 AGVISE Band/Maintenance guideline will build P & K test levels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



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

SOIL TEST REPORT

Field ID:
Field Name:
Sample ID:
County: Section: **27**
Township: **5** Quarter: **SE**
Range: **2W** Acres: **160**
Previous Crop: **Wheat-Spring**



SUBMITTED FOR:

Friesen Grain Growers
Box 21
Rosenort, MB R0G-1W0
Canada

SUBMITTED BY:

ROSENORT AGRO LTD R01610
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB R0G-1W0
Canada

Ref #: 5753389
Box #: 3807
Lab #: NW73859

Date Sampled:

Date Received: 9/2/2025

Date Reported: 9/3/2025

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High									
Nitrate	0-6"	34 lb/acre				Canola-bu		Canola-bu		Soybeans				
	6-24"	36 lb/acre				YIELD GOAL		YIELD GOAL		YIELD GOAL				
	0-24"	70 lb/acre	*****	*****	*****	55 BU		60 BU		40 BU				
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Band/Maint.		Band/Maint.		Band/Maint.				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
					N	123	N	140	N	***				
					P ₂ O ₅	50	Band *	P ₂ O ₅	54	Band *	P ₂ O ₅	30	Band *	
					K ₂ O	0		K ₂ O	0		K ₂ O	0		
Phosphorus	Olsen	21 ppm	*****	*****	*****	Cl	Not Available	Cl	Not Available	Cl	0			
Potassium		517 ppm	*****	*****	*****	S	10	Band	S	10	Band	S	0	
Chloride	0-24"	100 lb/acre	*****	*****	*****	B	0		B	0		B	0	
						Zn	0		Zn	0		Zn	0	
						Fe	0		Fe	0		Fe	0	
Sulfur	0-6"	120 +lb/acre	*****	*****	*****	Mn	0		Mn	0		Mn	0	
	6-24"	360 +lb/acre	*****	*****	*****	Cu	0		Cu	0		Cu	0	
Boron		2.1 ppm	*****	*****	*****	Mg	0		Mg	0		Mg	0	
Zinc		1.35 ppm	*****	*****	*****	Lime	0		Lime	0		Lime	0	
Iron		16.2 ppm	*****	*****	*****	Soil pH		Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
Manganese		1.3 ppm	*****	*****	*****	0-6" 8.1		45.9 meq		% Ca	% Mg	% K	% Na	% H
Copper		1.56 ppm	*****	*****	*****	6-24" 8.3				(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
Magnesium		1553 ppm	*****	*****	*****					68.0	28.2	2.9	1.0	0.0
Calcium		6243 ppm	*****	*****	*****									
Sodium		104 ppm	*****	*****	*****									
Org. Matter		5.2 %	*****	*****	*****									
Carbonate (CCE)		8.4 %	*****	*****	*****									
Sol. Salts	0-6"	1.14 mmho/cm	*****	*****	*****									
	6-24"	1.68 mmho/cm	*****	*****	*****									

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

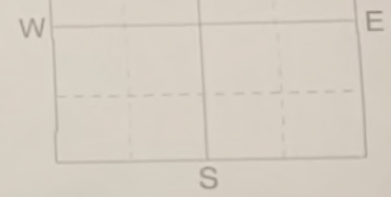
Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 25 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years 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 extreme, 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.

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

FIELD NAME
COUNTY **2 W1**
TWP **5** RANGE
SECTION **22** QTR EH ACRES **320**
PREV. CROP **Soybeans**



SUBMITTED FOR:
BUTCH HARDER

LOWE FARM, MB **ROG 1E0**

SUBMITTED BY: **WO7194**
JACOB WOLFE
49 ROSEBROOK PLACE
ROSEBROOK, MB **R6P 0H7**

REF # **20439862** BOX # **1076**
LAB # **NW145642**

Date Sampled **10/02/2024** Date Received **10/03/2024** Date Reported **10/07/2024**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		Low	Med	High								
Nitrate	0-6"	22 lb/acre			Canola-bu		Wheat-Spring					
	6-24"	21 lb/acre			YIELD GOAL		YIELD GOAL		YIELD GOAL			
					50 BU		80 BU					
	0-24"	43 lb/acre			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
					Band/Maint.		Band/Maint.					
					LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Olsen	29 ppm				N	117	N	158	N			
Phosphorus					P ₂ O ₅	45 Band *	P ₂ O ₅	50 Band *	P ₂ O ₅			
Potassium	727 ppm				K ₂ O	0	K ₂ O	10 Band (Starter)*	K ₂ O			
Chloride					Cl		Cl		Cl			
Sulfur	0-6"	18 lb/acre			S	15 Band	S	0	S			
	6-24"	360 +lb/acre			B		B		B			
Boron					Zn	0	Zn	0	Zn			
Zinc	3.80 ppm				Fe		Fe		Fe			
Iron					Mn		Mn		Mn			
Manganese					Cu		Cu		Cu			
Copper					Mg		Mg		Mg			
Magnesium					Lime		Lime		Lime			
Calcium					Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)			
Sodium					Buffer pH			% Ca	% Mg	% K	% Na	% H
Org.Matter	7.3 %											
Carbonate(CCE)					0-6" 8.1							
Sol. Salts	0-6"	0.62 mmho/cm			6-24" 8.2							
	6-24"	1.24 mmho/cm										

Crop 1: *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.

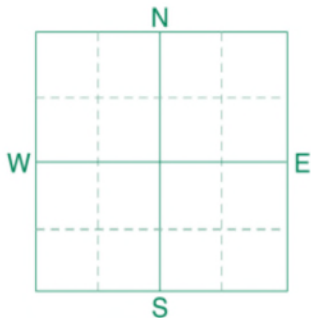
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 15 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 50 K2O = 30 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

Field ID:
 Field Name:
 Sample ID:
 County: **2 W1** Section: **23**
 Township: **5** Quarter: **EH**
 Range: Acres: **320.00**
 Previous Crop:



SUBMITTED FOR:

BUTCH HARDER
LOWE FARM, MB R0G-1E0
Canada

SUBMITTED BY:

JACOB WOLFE WO7194
49 ROSEBROOK PLACE
ROSEBROOK, MB R6P-0H7
Canada

Ref #: **20439865**
 Box #: **898**
 Lab #: **NW126230**

Date Sampled: **10/2/2025** Date Received: **10/2/2025** Date Reported: **10/3/2025**

Nutrient In The Soil		Interpretation				
		VLow	Low	Med	High	
Nitrate	0-6"	27 lb/acre				
	6-24"	15 lb/acre				
	0-24"	42 lb/acre	*****	*****	*****	*****
Phosphorus	Olsen	40 ppm	*****	*****	*****	*****
Potassium		744 ppm	*****	*****	*****	*****
Chloride	0-24"	4 lb/acre	*			
Sulfur	0-6"	16 lb/acre	*****	*****		
	6-24"	144 lb/acre	*****	*****	*****	*****
Boron		1.9 ppm	*****	*****	*****	*****
Zinc		4.09 ppm	*****	*****	*****	*****
Iron		14.0 ppm	*****	*****	*****	*****
Manganese		1.5 ppm	*****	*****	***	
Copper		1.5 ppm	*****	*****	*****	*
Magnesium		1189 ppm	*****	*****	*****	*****
Calcium		5628 ppm	*****	*****	*****	*****
Sodium		37 ppm	*****			
Org. Matter		7.0 %	*****	*****	*****	*****
Carbonate (CCE)		1.1 %	*****			
Sol. Salts	0-6"	0.61 mmho/cm	*****	*****	**	
	6-24"	0.58 mmho/cm	*****	*****	**	

1st Crop Choice		
Wheat-Spring		
YIELD GOAL		
90		BU
SUGGESTED GUIDELINES		
Band/Maint.		
LB/ACRE	APPLICATION	
N	201	
P ₂ O ₅	56	Band *
K ₂ O	10	Band (Starter)*
Cl	36	Broadcast
S	0	
B	0	
Zn	0	
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime	0	

2nd Crop Choice		
Oats		
YIELD GOAL		
150		BU
SUGGESTED GUIDELINES		
Band/Maint.		
LB/ACRE	APPLICATION	
N	108	
P ₂ O ₅	38	Band *
K ₂ O	10	Band (Starter)*
Cl	36	Broadcast
S	0	
B	0	
Zn	0	
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime	0	

3rd Crop Choice		
Canola-bu		
YIELD GOAL		
60		BU
SUGGESTED GUIDELINES		
Band/Maint.		
LB/ACRE	APPLICATION	
N	168	
P ₂ O ₅	54	Band *
K ₂ O	0	
Cl		Not Available
S	15	Band
B	0	
Zn	0	
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime	0	

Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
			% Ca	% Mg	% K	% Na	% H
0-6" 8.0		40.1 meq	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
6-24" 8.3			70.1	24.7	4.8	0.4	0.0

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

Crop 1: 79 lb potassium chloride (0-0-60-50Cl) = 36 lb chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 56 K₂O = 34 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

Crop 2: 79 lb potassium chloride (0-0-60-50Cl) = 36 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 = 29 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

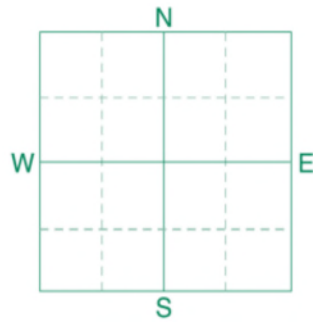
Crop 3: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 54 K₂O = 27 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years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



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

SOIL TEST REPORT

Field ID:
 Field Name:
 Sample ID:
 County: **2 W1** Section: **23**
 Township: **5** Quarter: **W1/2**
 Range: Acres: **320.00**
 Previous Crop: **Soybeans**



SUBMITTED FOR:
BUTCH HARDER
LOWE FARM, MB R0G-1E0
Canada

SUBMITTED BY:
JACOB WOLFE WO7194
49 ROSEBROOK PLACE
ROSEBROOK, MB R6P-0H7
Canada

Ref #: **20439864**
 Box #: **303**
 Lab #: **NW122244**

Date Sampled: **10/1/2025** Date Received: **10/1/2025** Date Reported: **10/2/2025**

Nutrient In The Soil		Interpretation			
		VLow	Low	Med	High
Nitrate	0-6" 17 lb/acre				
	6-24" 18 lb/acre				
	0-24" 35 lb/acre	*****	*****	*****	
Phosphorus	Olsen 17 ppm	*****	*****	*****	*****
Potassium	646 ppm	*****	*****	*****	*****
Sulfur	0-6" 26 lb/acre	*****	*****	*****	*****
	6-24" 360 +lb/acre	*****	*****	*****	*****
Boron	2.1 ppm	*****	*****	*****	*****
Zinc	1.39 ppm	*****	*****	*****	*****
Iron	13.0 ppm	*****	*****	*****	*****
Manganese	1.1 ppm	*****	*****	*	
Copper	1.42 ppm	*****	*****	*****	*
Magnesium	1360 ppm	*****	*****	*****	*****
Calcium	7005 ppm	*****	*****	*****	*****
Sodium	67 ppm	*****	****		
Org. Matter	6.2 %	*****	*****	*****	*****
Carbonate (CCE)	3.4 %	*****	*****	*	
Sol. Salts	0-6" 0.65 mmho/cm	*****	*****	****	
	6-24" 1.66 mmho/cm	*****	*****	*****	****

1st Crop Choice	
Wheat-Spring	
YIELD GOAL	
70	BU
SUGGESTED GUIDELINES	
Band/Maint.	
LB/ACRE	APPLICATION
N 139	
P ₂ O ₅ 44	Band *
K ₂ O 10	Band (Starter) *
Cl 0	
S 0	
B 0	
Zn 0	
Fe 0	
Mn 0	
Cu 0	
Mg 0	
Lime 0	

2nd Crop Choice	
Canola-bu	
YIELD GOAL	
45	BU
SUGGESTED GUIDELINES	
Band/Maint.	
LB/ACRE	APPLICATION
N 108	
P ₂ O ₅ 41	Band *
K ₂ O 0	
Cl	Not Available
S 15	Band
B 0	
Zn 0	
Fe 0	
Mn 0	
Cu 0	
Mg 0	
Lime 0	

3rd Crop Choice	
Oats	
YIELD GOAL	
150	BU
SUGGESTED GUIDELINES	
Band/Maint.	
LB/ACRE	APPLICATION
N 100	
P ₂ O ₅ 38	Band *
K ₂ O 10	Band (Starter) *
Cl 0	
S 0	
B 0	
Zn 0	
Fe 0	
Mn 0	
Cu 0	
Mg 0	
Lime 0	

Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
			% Ca	% Mg	% K	% Na	% H
0-6" 8.2		48.3 meq	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
6-24" 8.3			72.5	23.5	3.4	0.6	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: 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 = 44 K₂O = 26 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 = 41 K₂O = 20 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

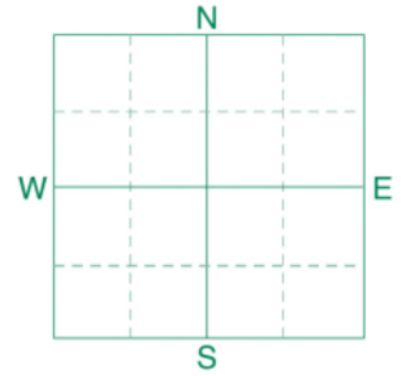
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 15 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 38 K₂O = 29 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

Field ID:
Field Name:
Sample ID:
County: Section: **21**
Township: **5** Quarter: **SE**
Range: **2W** Acres: **160**
Previous Crop: **Wheat-Spring**



SUBMITTED FOR:

KBF Farms
Box 21
Rosenort, MB R0G-1W0
Canada

SUBMITTED BY:

ROSENORT AGRO LTD **RO1610**
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB R0G-1W0
Canada

Ref #: **5753289**
Box #: **10106**
Lab #: **NW99534**

Date Sampled:

Date Received: **9/18/2025**

Date Reported: **9/19/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice									
		VLow	Low	Med	High														
Nitrate	0-6"					Canola-bu		Canola-bu		Soybeans									
	6-24"					YIELD GOAL		YIELD GOAL		YIELD GOAL									
						55 BU		60 BU		40 BU									
	0-24"					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES									
						Band/Maint.		Band/Maint.		Band/Maint.									
			*****	*****	*****	*****	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION							
						N	77	N	94	N	***								
						P ₂ O ₅	52 Band *	P ₂ O ₅	57 Band *	P ₂ O ₅	35 Band *								
						K ₂ O	0	K ₂ O	0	K ₂ O	0								
Phosphorus	Olsen	6 ppm	*****	****		Cl	Not Available	Cl	Not Available	Cl	0								
Potassium		444 ppm	*****	*****	*****	S	15 Band	S	15 Band	S	5 Band (Trial)								
Chloride	0-24"	60 lb/acre	*****	*****	*****	B	0	B	0	B	0								
						Zn	1 Band	Zn	1 Band	Zn	0								
Sulfur	0-6"	26 lb/acre	*****	*****	****	Fe	0	Fe	0	Fe	0								
	6-24"	360 +lb/acre	*****	*****	*****	Mn	0	Mn	0	Mn	0								
Boron		1.8 ppm	*****	*****	*****	Cu	0	Cu	0	Cu	0								
Zinc		0.98 ppm	*****	*****	*****	Mg	0	Mg	0	Mg	0								
Iron		13.1 ppm	*****	*****	*****	Lime	0	Lime	0	Lime	0								
Manganese		1.0 ppm	*****	*****		Soil pH		Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)							
Copper		1.29 ppm	*****	*****	***** *	0-6"	8.2			% Ca	(65-75)	% Mg	(15-20)	% K	(1-7)	% Na	(0-5)	% H	(0-5)
Magnesium		1395 ppm	*****	*****	*****	6-24"	8.3				70.8		25.9		2.5		0.8		0.0
Calcium		6359 ppm	*****	*****	*****	44.9 meq													
Sodium		83 ppm	*****	*****															
Org. Matter		6.2 %	*****	*****	*****														
Carbonate (CCE)		4.2 %	*****	*****	****														
Sol. Salts	0-6"	0.6 mmho/cm	*****	*****	**														
	6-24"	2.0 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 = 50 K₂O = 25 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.

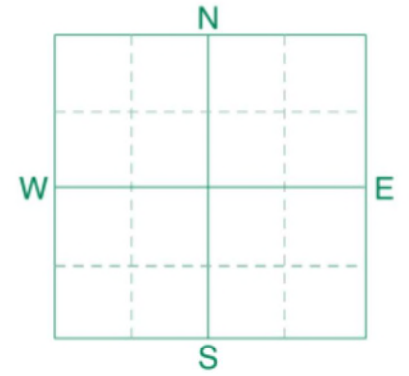
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is high, based on soil carbonate and salinity. Crop nutrient removal: P₂O₅ = 30 K₂O = 47 AGVISE Band/Maintenance guideline will build P & K test levels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



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

SOIL TEST REPORT

Field ID: **E 28-5-2W**
Field Name: **E 28-5-2W**
Sample ID:
County: Section: **28**
Township: **5** Quarter:
Range: **2W** Acres: **320**
Previous Crop: **Wheat-Spring**



SUBMITTED FOR:

Corey Paetkau
Box 244
Lowe farm, MB ROG-1E0
Canada

SUBMITTED BY:

GARDENLAND COOP **L06919**
78 MAIN STREET
PO BOX 220
LOWE FARM, MB ROG 1E0
CAN

Ref #: **5760608**
Box #: **3874**
Lab #: **NW73953**

Date Sampled:

Date Received: **9/2/2025**

Date Reported: **9/3/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice					
		VLow	Low	Med	High										
Nitrate	0-6"	35 lb/acre				Canola-bu		Canola-bu		Soybeans					
	6-24"	18 lb/acre				YIELD GOAL		YIELD GOAL		YIELD GOAL					
	0-24"	53 lb/acre	*****	*****	*****	55 BU		45 BU		40 BU					
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES					
						Band/Maint.		Band/Maint.		Band/Maint.					
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION				
					N	140	N	105	N	***					
					P ₂ O ₅	50	Band *	P ₂ O ₅	41	Band *	P ₂ O ₅	30	Band *		
					K ₂ O	0		K ₂ O	0		K ₂ O	0			
Phosphorus	Olsen	23 ppm	*****	*****	*****	Cl	Not Available	Cl	Not Available	Cl	0				
Potassium		541 ppm	*****	*****	*****	S	10	Band	S	10	Band	S	0		
Chloride	0-24"	288 lb/acre	*****	*****	*****	B	0		B	0		B	0		
						Zn	0		Zn	0		Zn	0		
						Fe	0		Fe	0		Fe	0		
						Mn	0		Mn	0		Mn	0		
Sulfur	0-6"	120 +lb/acre	*****	*****	*****	Cu	0		Cu	0		Cu	0		
	6-24"	360 +lb/acre	*****	*****	*****	Mg	0		Mg	0		Mg	0		
Boron		2.5 ppm	*****	*****	*****	Lime	0		Lime	0		Lime	0		
Zinc		1.56 ppm	*****	*****	*****	Soil pH		Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)			
Iron		13.6 ppm	*****	*****	*****	0-6"	8.0				% Ca	% Mg	% K	% Na	% H
Manganese		1.0 ppm	*****	*****		6-24"	8.3	52.2 meq			70.4	25.7	2.7	1.3	0.0
Copper		1.42 ppm	*****	*****	*										
Magnesium		1610 ppm	*****	*****	*****										
Calcium		7353 ppm	*****	*****	*****										
Sodium		156 ppm	*****	*****	*****										
Org. Matter		5.6 %	*****	*****	*****										
Carbonate (CCE)		7.9 %	*****	*****	*****										
Sol. Salts	0-6"	2.04 mmho/cm	*****	*****	*****										
	6-24"	3.55 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. High salinity may decrease crop yield. Crop nutrient removal: P₂O₅ = 50 K₂O = 25 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. High salinity may decrease crop yield. 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.

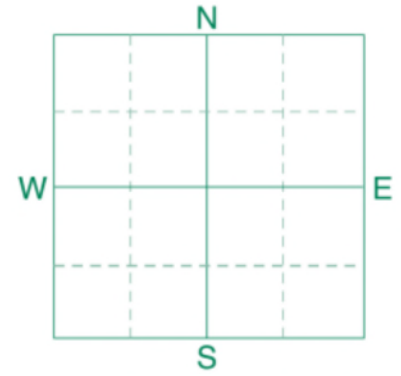
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. High salinity may decrease crop yield. Soybean iron deficiency (IDC) risk is extreme, based on soil carbonate and salinity. Crop nutrient removal: P₂O₅ = 30 K₂O = 47 AGVISE Band/Maintenance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



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

SOIL TEST REPORT

Field ID:
Field Name:
Sample ID:
County: Section: **36**
Township: **5** Quarter: **W**
Range: **2W** Acres: **321**
Previous Crop: **Wheat-Spring**



SUBMITTED FOR:

KBF Farms
Box 21
Rosenort, MB R0G-1W0
Canada

SUBMITTED BY:

ROSENORT AGRO LTD **RO1610**
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB R0G-1W0
Canada

Ref #: **5753247**
Box #: **3807**
Lab #: **NW73856**

Date Sampled:

Date Received: **9/2/2025**

Date Reported: **9/3/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High									
Nitrate	0-6"	22 lb/acre				Canola-bu		Canola-bu		Soybeans				
	6-24"	66 lb/acre				YIELD GOAL		YIELD GOAL		YIELD GOAL				
	0-24"	88 lb/acre	*****	*****	*****	55 BU		60 BU		40 BU				
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Band/Maint.		Band/Maint.		Band/Maint.				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
					N	105	N	122	N	***				
					P ₂ O ₅	50	Band *	P ₂ O ₅	54	Band *	P ₂ O ₅	30	Band *	
					K ₂ O	0		K ₂ O	0		K ₂ O	0		
Phosphorus	Olsen	18 ppm	*****	*****	*****	Cl	Not Available	Cl	Not Available	Cl	0			
Potassium		459 ppm	*****	*****	*****	S	10	Band	S	10	Band	S	0	
Chloride	0-24"	80 lb/acre	*****	*****	*****	B	0		B	0		B	0	
						Zn	1	Band	Zn	1	Band	Zn	0	
Sulfur	0-6"	120 +lb/acre	*****	*****	*****	Fe	0		Fe	0		Fe	0	
	6-24"	360 +lb/acre	*****	*****	*****	Mn	0		Mn	0		Mn	0	
Boron		2.2 ppm	*****	*****	*****	Cu	0		Cu	0		Cu	0	
Zinc		0.99 ppm	*****	*****	*****	Mg	0		Mg	0		Mg	0	
Iron		19.6 ppm	*****	*****	*****	Lime	0		Lime	0		Lime	0	
Manganese		1.5 ppm	*****	*****	***	Soil pH		Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
Copper		1.71 ppm	*****	*****	*	0-6"	8.1	44.2 meq	% Ca	% Mg	% K	% Na	% H	
Magnesium		1523 ppm	*****	*****	*****	6-24"	8.3		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)	
Calcium		5957 ppm	*****	*****	*****			67.4	28.7	2.7	1.2	0.0		
Sodium		122 ppm	*****	*****	*****									
Org. Matter		4.4 %	*****	*****	*****									
Carbonate (CCE)		11.2 %	*****	*****	*****									
Sol. Salts	0-6"	1.27 mmho/cm	*****	*****	*****									
	6-24"	1.89 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 = 50 K₂O = 25 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.

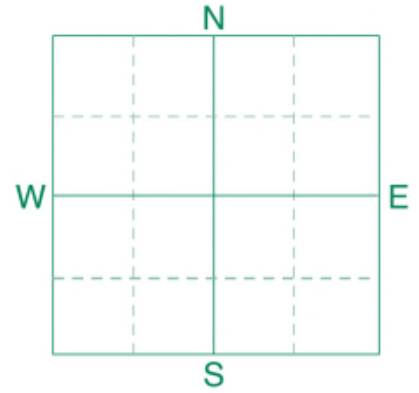
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is extreme, based on soil carbonate and salinity. Crop nutrient removal: P₂O₅ = 30 K₂O = 47 AGVISE Band/Maintenance guideline will build P & K test levels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



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

SOIL TEST REPORT

FIELD ID **2 B**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **5** RANGE **2W**
 SECTION **34** QTR **W** ACRES
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
BRENT PENNER

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

REF # **5229832** BOX # **10141**
 LAB # **NW114812**

Date Sampled

Date Received **09/25/2024**

Date Reported **09/26/2024**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice					
		VLow	Low	Med	High	Wheat-Spring		Oats		Wheat-Spring					
Nitrate	0-6" 6-24"	*****				YIELD GOAL		YIELD GOAL		YIELD GOAL					
		*****				75 BU		140 BU		80 BU					
	0-24"	*****				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES					
		*****				Band/Maint.		Band/Maint.		Band/Maint.					
		*****				LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION				
Olsen	14 ppm	*****				N	130	N	67	N	143				
Phosphorus		*****				P ₂ O ₅	47 Band *	P ₂ O ₅	35 Band *	P ₂ O ₅	50 Band *				
Potassium	569 ppm	*****				K ₂ O	10 Band (Starter)*	K ₂ O	10 Band (Starter)*	K ₂ O	10 Band (Starter)*				
Chloride	0-24" 72 lb/acre	*****				Cl	0	Cl	0	Cl	0				
		*****				S	0	S	0	S	0				
Sulfur	0-6" 6-24" 120 +lb/acre 360 +lb/acre	*****				B	0	B	0	B	0				
Boron	2.8 ppm	*****				Zn	0	Zn	0	Zn	0				
Zinc	1.55 ppm	*****				Fe	0	Fe	0	Fe	0				
Iron	17.9 ppm	*****				Mn	0	Mn	0	Mn	0				
Manganese	2.0 ppm	*****				Cu	0	Cu	0	Cu	0				
Copper	1.65 ppm	*****				Mg	0	Mg	0	Mg	0				
Magnesium	1723 ppm	*****				Lime		Lime		Lime					
Calcium	6708 ppm	*****				Soil pH		Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)			
Sodium	181 ppm	*****				0-6" 8.0		50.1 meq	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)		
Org.Matter	5.6 %	*****				6-24" 8.4			66.9	28.6	2.9	1.6	0.0		
Carbonate(CCE)	5.9 %	*****													

Sol. Salts	0-6" 6-24" 1.32 mmho/cm 1.52 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. 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.

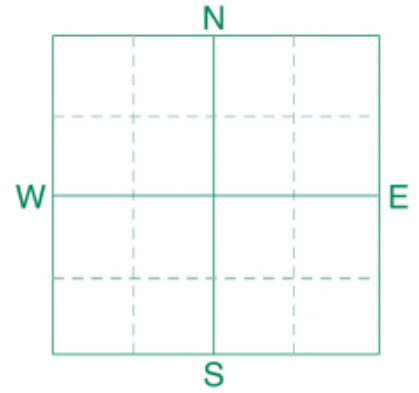
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 50 K2O = 30 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

FIELD ID **2 C**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **5** RANGE **2W**
 SECTION **34** QTR **W** ACRES
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
BRENT PENNER

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

REF # **5229834** BOX # **10119**
 LAB # **NW114813**

Date Sampled

Date Received **09/25/2024**

Date Reported **09/26/2024**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow	Low	Med	High	Wheat-Spring		Oats		Wheat-Spring			
Nitrate	0-6" 20 lb/acre					YIELD GOAL		YIELD GOAL		YIELD GOAL			
	6-24" 42 lb/acre					75 BU		140 BU		80 BU			
	0-24" 62 lb/acre					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
						Band/Maint.		Band/Maint.		Band/Maint.			
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Olsen	10 ppm					N	141	N	78	N	154		
Phosphorus						P ₂ O ₅	47 Band *	P ₂ O ₅	35 Band *	P ₂ O ₅	50 Band *		
Potassium	641 ppm					K ₂ O	10 Band (Starter)*	K ₂ O	10 Band (Starter)*	K ₂ O	10 Band (Starter)*		
Chloride	0-24" 96 lb/acre					Cl	0	Cl	0	Cl	0		
	0-6" 120 +lb/acre					S	0	S	0	S	0		
	6-24" 360 +lb/acre					B	0	B	0	B	0		
Sulfur						Zn	0	Zn	0	Zn	0		
Boron	2.7 ppm					Fe	0	Fe	0	Fe	0		
Zinc	1.18 ppm					Mn	0	Mn	0	Mn	0		
Iron	19.6 ppm					Cu	0	Cu	0	Cu	0		
Manganese	2.0 ppm					Mg	0	Mg	0	Mg	0		
Copper	1.6 ppm					Lime		Lime		Lime			
Magnesium	1705 ppm												
Calcium	8707 ppm												
Sodium	211 ppm												
Org.Matter	5.7 %												
Carbonate(CCE)	6.9 %												
	0-6" 2.51 mmho/cm					Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
	6-24" 4.0 mmho/cm					0-6" 7.9		60.3 meq	% Ca	% Mg	% K	% Na	% H
Sol. Salts						6-24" 8.1			(65-75) 72.2	(15-20) 23.6	(1-7) 2.7	(0-5) 1.5	(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. High salinity may decrease crop yield. 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.

Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. High salinity may decrease crop yield. 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.

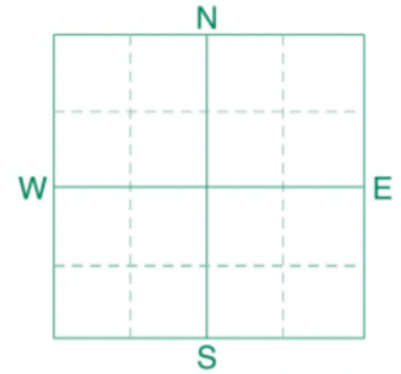
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. High salinity may decrease crop yield. Crop nutrient removal: P2O5 = 50 K2O = 30 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

Field ID:
Field Name:
Sample ID:
County: Section: **34**
Township: **5** Quarter: **SE**
Range: **2W** Acres: **162**
Previous Crop: **Wheat-Spring**



SUBMITTED FOR:

Friesen Grain Growers
Box 21
Rosenort, MB R0G-1W0
Canada

SUBMITTED BY:

ROSENORT AGRO LTD R01610
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB R0G-1W0
Canada

Ref #: 5753388
Box #: 4879
Lab #: NW83362

Date Sampled:

Date Received: 9/9/2025

Date Reported: 9/10/2025

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High									
Nitrate	0-6"					Canola-bu		Canola-bu		Soybeans				
	6-24"					YIELD GOAL		YIELD GOAL		YIELD GOAL				
						55 BU		60 BU		40 BU				
	0-24"					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Band/Maint.		Band/Maint.		Band/Maint.				
			*****	*****	*****	*****	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
						N 27	Customized	N 42	Customized	N ***				
Phosphorus	Olsen	14 ppm	*****	*****	*****	P ₂ O ₅ 50	Band *	P ₂ O ₅ 54	Band *	P ₂ O ₅ 30	Band *			
						K ₂ O 0		K ₂ O 0		K ₂ O 0				
						Cl	Not Available	Cl	Not Available	Cl 0				
Potassium		559 ppm	*****	*****	*****	S 15	Band	S 15	Band	S 5	Band (Trial)			
Chloride	0-24"	96 lb/acre	*****	*****	*****	B 0		B 0		B 0				
						Zn 1	Band	Zn 1	Band	Zn 0				
						Fe 0		Fe 0		Fe 0				
Sulfur	0-6"	22 lb/acre	*****	*****	***	Mn 2	Band	Mn 2	Band	Mn 2	Band			
	6-24"	360 +lb/acre	*****	*****	*****	Cu 0		Cu 0		Cu 0				
Boron		2.1 ppm	*****	*****	*****	Mg 0		Mg 0		Mg 0				
Zinc		0.83 ppm	*****	*****	***	Lime 0		Lime 0		Lime 0				
Iron		15.0 ppm	*****	*****	*****	Soil pH		Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
Manganese		0.9 ppm	*****	*****						% Ca	% Mg	% K	% Na	% H
Copper		1.56 ppm	*****	*****	*	0-6" 8.3		55 meq		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
Magnesium		1794 ppm	*****	*****	*****	6-24" 8.5				69.2	27.2	2.6	1.0	0.0
Calcium		7610 ppm	*****	*****	*****									
Sodium		123 ppm	*****	*****	*****									
Org. Matter		5.5 %	*****	*****	*****									
Carbonate (CCE)		9.4 %	*****	*****	*****									
Sol. Salts	0-6"	0.68 mmho/cm	*****	*****	****									
	6-24"	1.53 mmho/cm	*****	*****	****									

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

Crop 1: Limited data on crop response to chloride. Nitrogen guideline customized by the submitter. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 25 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. Nitrogen guideline customized by the submitter. *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.

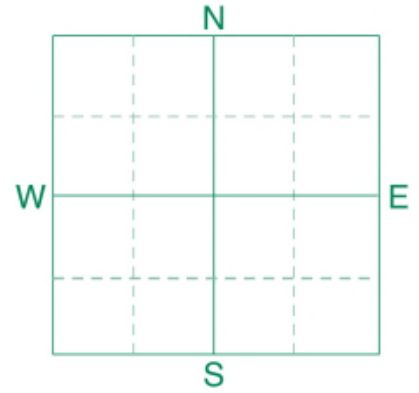
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is very high, based on soil carbonate and salinity. Crop nutrient removal: P₂O₅ = 30 K₂O = 47 AGVISE Band/Maintenance guideline will build P & K test levels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



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

SOIL TEST REPORT

FIELD ID
 SAMPLE ID
 FIELD NAME **Field 33**
 COUNTY **W**
 TWP **5** RANGE **2**
 SECTION **35** QTR **E 1/2** 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 # **4209222** BOX # **5985**
 LAB # **NW127579**

Date Sampled

Date Received **09/26/2023**

Date Reported **09/27/2023**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High	Wheat-Spring		Barley		Wheat-Spring				
Nitrate	0-6" 6-24"	*****				YIELD GOAL		YIELD GOAL		YIELD GOAL				
	20 lb/acre 9 lb/acre					70 BU		80 BU		80 BU				
	0-24"	*****				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
	29 lb/acre					Band/Maint.		Band/Maint.		Band/Maint.				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Olsen	14 ppm	*****				N	160	N	95	N	187			
Phosphorus						P ₂ O ₅	44 Band *	P ₂ O ₅	38 Band *	P ₂ O ₅	50 Band *			
Potassium	544 ppm	*****				K ₂ O	10 Band (Starter)*	K ₂ O	10 Band (Starter)*	K ₂ O	10 Band (Starter)*			
Chloride	0-24" 52 lb/acre	*****				Cl	0	Cl	0	Cl	0			
Sulfur	0-6" 6-24" 54 lb/acre 360 +lb/acre	*****				S	0	S	0	S	0			
Boron	2.2 ppm	*****				B	0	B	0	B	0			
Zinc	0.53 ppm	*****				Zn	0	Zn	0	Zn	1 Band			
Iron	17.7 ppm	*****				Fe	0	Fe	0	Fe	0			
Manganese	0.9 ppm	*****				Mn	2 Band	Mn	2 Band	Mn	2 Band			
Copper	1.75 ppm	*****				Cu	0	Cu	0	Cu	0			
Magnesium	1943 ppm	*****				Mg	0	Mg	0	Mg	0			
Calcium	6749 ppm	*****				Lime		Lime		Lime				
Sodium	154 ppm	*****				Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Org.Matter	6.0 %	*****				Buffer pH				% Ca	% Mg	% K	% Na	% H
Carbonate(CCE)	7.3 %	*****						52.0 meq		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
Sol. Salts	0-6" 6-24" 0.75 mmho/cm 2.27 mmho/cm	*****				0-6" 8.2				64.9	31.1	2.7	1.3	0.0
						6-24" 8.3								

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 = 44 K2O = 26 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 = 38 K2O = 40 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

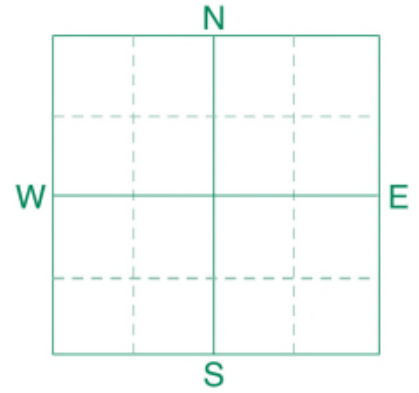
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 50 K2O = 30 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

FIELD ID
 SAMPLE ID
 FIELD NAME **Field 33**
 COUNTY **W**
 TWP **5** RANGE **2**
 SECTION **35** QTR **W 1/2** 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 # **4209242** BOX # **5903**
 LAB # **NW127580**

Date Sampled

Date Received **09/26/2023**

Date Reported **09/27/2023**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow Low Med High	Wheat-Spring		Barley		Wheat-Spring			
Nitrate	0-6" 6-24"	22 lb/acre 9 lb/acre	YIELD GOAL		YIELD GOAL		YIELD GOAL			
	0-24"	31 lb/acre	70 BU		80 BU		80 BU			
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
			Band/Maint.		Band/Maint.		Band/Maint.			
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Olsen	6 ppm		N	158	N	93	N	185		
Phosphorus			P ₂ O ₅	46 Band *	P ₂ O ₅	38 Band *	P ₂ O ₅	52 Band *		
Potassium	523 ppm		K ₂ O	10 Band (Starter)*	K ₂ O	10 Band (Starter)*	K ₂ O	10 Band (Starter)*		
Chloride	0-24" 124 lb/acre		Cl	0	Cl	0	Cl	0		
	0-6" 6-24"	120 +lb/acre 360 +lb/acre	S	0	S	0	S	0		
Sulfur			B	0	B	0	B	0		
Boron	1.8 ppm		Zn	0	Zn	0	Zn	1 Band		
Zinc	0.52 ppm		Fe	0	Fe	0	Fe	0		
Iron	15.1 ppm		Mn	2 Band	Mn	2 Band	Mn	2 Band		
Manganese	0.9 ppm		Cu	0	Cu	0	Cu	0		
Copper	1.65 ppm		Mg	0	Mg	0	Mg	0		
Magnesium	2003 ppm		Lime		Lime		Lime			
Calcium	7878 ppm									
Sodium	175 ppm									
Org.Matter	5.0 %									
Carbonate(CCE)	10.0 %									
	0-6" 6-24"	1.99 mmho/cm 2.44 mmho/cm	Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
Sol. Salts			0-6" 8.0 6-24" 8.3		58.2 meq	% Ca	% Mg	% K	% Na	% H
						(65-75) 67.7	(15-20) 28.7	(1-7) 2.3	(0-5) 1.3	(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. High salinity may decrease crop yield. Crop nutrient removal: P2O5 = 44 K2O = 26 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. High salinity may decrease crop yield. 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.

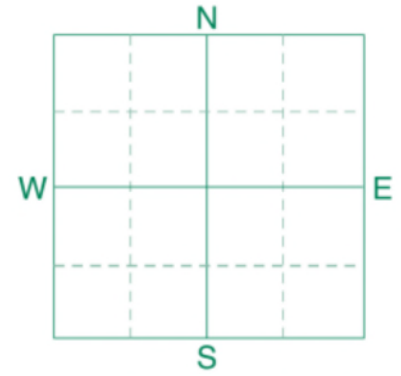
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. High salinity may decrease crop yield. Crop nutrient removal: P2O5 = 50 K2O = 30 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

Field ID:
Field Name:
Sample ID:
County: Section: **36**
Township: **5** Quarter: **NE**
Range: **2W** Acres: **160**
Previous Crop: **Oats**



SUBMITTED FOR:

JLF Holding
Box
Rosenort, MB R0G-1W0
Canada

SUBMITTED BY:

ROSENORT AGRO LTD **RO1610**
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB R0G-1W0
Canada

Ref #: **5755606**
Box #: **3807**
Lab #: **NW73882**

Date Sampled:

Date Received: **9/2/2025**

Date Reported: **9/3/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice	
		VLow	Low	Med	High						
Nitrate	0-6"	15 lb/acre				Canola-bu		Canola-bu		Soybeans	
	6-24"	30 lb/acre				YIELD GOAL		YIELD GOAL		YIELD GOAL	
	0-24"	45 lb/acre	*****	*****	*****	55 BU		55 BU		40 BU	
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES	
						Band/Maint.		Band/Maint.		Band/Maint.	
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION
					N	148	N	148	N	***	
					P ₂ O ₅	50	P ₂ O ₅	50	P ₂ O ₅	30	
					K ₂ O	0	K ₂ O	0	K ₂ O	0	
Phosphorus	Olsen	34 ppm	*****	*****	*****	Cl	Not Available	Cl	Not Available	Cl	0
Potassium		474 ppm	*****	*****	*****	S	15	S	15	S	5
Chloride	0-24"	48 lb/acre	*****	*****	*****	B	0	B	0	B	0
						Zn	2	Zn	2	Zn	1
						Fe	0	Fe	0	Fe	0
Sulfur	0-6"	20 lb/acre	*****	*****	**	Mn	0	Mn	0	Mn	0
	6-24"	360 +lb/acre	*****	*****	*****	Cu	0	Cu	0	Cu	0
Boron		2.1 ppm	*****	*****	*****	Mg	0	Mg	0	Mg	0
Zinc		0.47 ppm	*****	***		Lime	0	Lime	0	Lime	0
Iron		18.6 ppm	*****	*****	*****	Soil pH		Buffer pH		Cation Exchange Capacity	
Manganese		1.6 ppm	*****	*****	****	0-6" 8.2		46.7 meq		% Base Saturation (Typical Range)	
Copper		1.68 ppm	*****	*****	*	6-24" 8.3		67.6		% Ca	
Magnesium		1618 ppm	*****	*****	*****			28.9		% Mg	
Calcium		6311 ppm	*****	*****	*****			2.6		% K	
Sodium		98 ppm	*****	*****	***			0.9		% Na	
Org. Matter		4.9 %	*****	*****	*			0.0		% H	
Carbonate (CCE)		7.5 %	*****	*****	***						
Sol. Salts	0-6"	0.7 mmho/cm	*****	*****	*****						
	6-24"	2.03 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 = 50 K₂O = 25 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 = 50 K₂O = 25 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

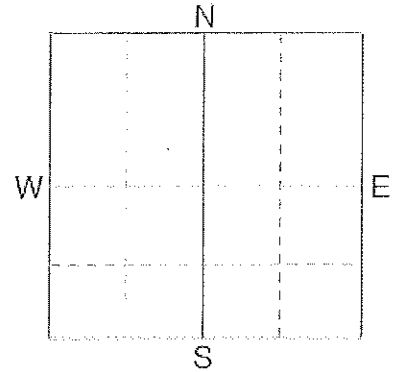
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is very high, based on soil carbonate and salinity. Crop nutrient removal: P₂O₅ = 30 K₂O = 47 AGVISE Band/Maintenance guideline will build P & K test levels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



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

SOIL TEST REPORT

FIELD ID **11**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **6** RANGE **1W**
 SECTION **6** QTR **SW SE** ACRES **568**
 NW NE



SUBMITTED FOR:
KELLY FRIESEN

SUBMITTED BY: **RO1610**
ROSENORT AGRO LTD
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB R0G 1W0

REF # **5181722** BOX # **2892**
 LAB # **NW73900**

Date Sampled

Date Received **09/05/2024**

Date Reported **09/06/2024**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice						
		Low	Med	High														
Nitrate	0-6" 14 lb/acre				Canola-bu			Soybeans			Canola-bu							
	6-24" 21 lb/acre				YIELD GOAL			YIELD GOAL			YIELD GOAL							
	0-24" 35 lb/acre				55 BU			40 BU			65 BU							
					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES							
					Band/Maint.			Band/Maint.			Band/Maint.							
					LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION						
Olsen Phosphorus	11 ppm				N	158		N	***		N	193						
Potassium	447 ppm				P ₂ O ₅	50	Band *	P ₂ O ₅	30	Band *	P ₂ O ₅	59	Band *					
Chloride	0-24" 52 lb/acre				K ₂ O	0		K ₂ O	0		K ₂ O	0						
	0-6" 44 lb/acre				Cl		Not Available	Cl	0		Cl		Not Available					
	6-24" 360 +lb/acre				S	15	Band	S	0		S	15	Band					
Sulfur					B	0		B	0		B	0						
Boron	2.2 ppm				Zn	2	Band	Zn	1	Band	Zn	2	Band					
Zinc	0.44 ppm				Fe	0		Fe	0		Fe	0						
Iron	15.9 ppm				Mn	0		Mn	0		Mn	0						
Manganese	1.1 ppm				Cu	0		Cu	0		Cu	0						
Copper	1.56 ppm				Mg	0		Mg	0		Mg	0						
Magnesium	1832 ppm				Lime			Lime			Lime							
Calcium	5888 ppm				Soil pH			Cation Exchange Capacity			% Base Saturation (Typical Range)							
Sodium	146 ppm				Buffer pH					% Ca	% Mg	% K	% Na	% H				
Org.Matter	5.8 %				0-6" 8.3		46.5 meq			(65-75)	(15-20)	(1-7)	(0-5)	(0-5)				
Carbonate(CCE)	7.4 %				6-24" 8.7					63.3	32.8	2.5	1.4	0.0				
Sol. Salts	0-6" 0.6 mmho/cm																	
	6-24" 0.99 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 = 50 K₂O = 25 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 very high, 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.

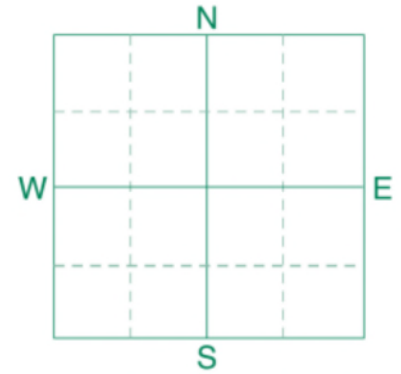
Crop 3: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 59 K₂O = 29 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

Field ID:
Field Name:
Sample ID:
County: Section: **22**
Township: **5** Quarter: **NW**
Range: **2W** Acres: **131**
Previous Crop: **Wheat-Spring**



SUBMITTED FOR:

KBF Farms
Box 21
Rosenort, MB R0G-1W0
Canada

SUBMITTED BY:

ROSENORT AGRO LTD **RO1610**
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB R0G-1W0
Canada

Ref #: **5753264**
Box #: **10175**
Lab #: **NW99532**

Date Sampled:

Date Received: **9/18/2025**

Date Reported: **9/19/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice																												
		VLow	Low	Med	High																																	
Nitrate	0-6"					Canola-bu		Canola-bu		Soybeans																												
	6-24"					YIELD GOAL		YIELD GOAL		YIELD GOAL																												
						55 BU		60 BU		40 BU																												
	0-24"					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES																												
						Band/Maint.		Band/Maint.		Band/Maint.																												
			*****	*****	*****	*****	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION																										
						N	62	N	79	N	***																											
						P ₂ O ₅	50	Band *	P ₂ O ₅	54	Band *																											
						K ₂ O	0		K ₂ O	0																												
Phosphorus	Olsen	20 ppm	*****	*****	*****	Cl		Not Available	Cl		Not Available																											
Potassium		494 ppm	*****	*****	*****	S	10	Band	S	10	Band																											
Chloride	0-24"	88 lb/acre	*****	*****	*****	B	0		B	0																												
						Zn	0		Zn	0																												
						Fe	0		Fe	0																												
						Mn	0		Mn	0																												
Sulfur	0-6"	64 lb/acre	*****	*****	*****	Cu	0		Cu	0																												
	6-24"	360 +lb/acre	*****	*****	*****	Mg	0		Mg	0																												
Boron		2.2 ppm	*****	*****	*****	Lime	0		Lime	0																												
Zinc		1.77 ppm	*****	*****	*****	<table border="1"> <thead> <tr> <th rowspan="2">Soil pH</th> <th rowspan="2">Buffer pH</th> <th rowspan="2">Cation Exchange Capacity</th> <th colspan="5">% Base Saturation (Typical Range)</th> </tr> <tr> <th>% Ca</th> <th>% Mg</th> <th>% K</th> <th>% Na</th> <th>% H</th> </tr> </thead> <tbody> <tr> <td>0-6"</td> <td>8.2</td> <td rowspan="2">47 meq</td> <td>(65-75)</td> <td>(15-20)</td> <td>(1-7)</td> <td>(0-5)</td> <td>(0-5)</td> </tr> <tr> <td>6-24"</td> <td>8.3</td> <td>68.3</td> <td>28.1</td> <td>2.7</td> <td>0.9</td> <td>0.0</td> </tr> </tbody> </table>					Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)					% Ca	% Mg	% K	% Na	% H	0-6"	8.2	47 meq	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)	6-24"	8.3	68.3	28.1	2.7	0.9	0.0
Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)																																			
			% Ca	% Mg	% K						% Na	% H																										
0-6"	8.2	47 meq	(65-75)	(15-20)	(1-7)						(0-5)	(0-5)																										
6-24"	8.3		68.3	28.1	2.7						0.9	0.0																										
Iron		19.2 ppm	*****	*****	*****																																	
Manganese		1.3 ppm	*****	*****	**																																	
Copper		1.82 ppm	*****	*****	*****																																	
Magnesium		1584 ppm	*****	*****	*****																																	
Calcium		6418 ppm	*****	*****	*****																																	
Sodium		102 ppm	*****	*****	***																																	
Org. Matter		4.9 %	*****	*****	*****																																	
Carbonate (CCE)		8.9 %	*****	*****	*****																																	
Sol. Salts	0-6"	0.84 mmho/cm	*****	*****	*****																																	
	6-24"	2.48 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 = 50 K₂O = 25 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.

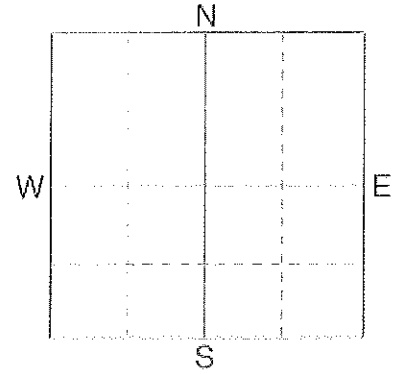
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is very high, based on soil carbonate and salinity. Crop nutrient removal: P₂O₅ = 30 K₂O = 47 AGVISE Band/Maintenance guideline will build P & K test levels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



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

SOIL TEST REPORT

FIELD ID **10**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **6** RANGE **2W**
 SECTION **2** QTR **SW SE NE** ACRES **435**
 PREV. CROP **Oats**



SUBMITTED FOR:
KELLY FRIESEN

SUBMITTED BY: **RO1610**
ROSENORT AGRO LTD
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB **R0G 1W0**

REF # **5181720** BOX # **2836**
 LAB # **NW73899**

Date Sampled

Date Received **09/05/2024**

Date Reported **09/06/2024**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		Low	Med	High	Wheat-Spring		Soybeans		Canola-bu			
Nitrate	0-6" 12 lb/acre				YIELD GOAL		YIELD GOAL		YIELD GOAL			
	6-24" 36 lb/acre				75 BU		40 BU		55 BU			
Nitrate	0-24" 48 lb/acre				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
					Band/Maint.		Band/Maint.		Band/Maint.			
					LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Phosphorus	Olsen 10 ppm				N 155		N ***		N 145			
Potassium	542 ppm				P ₂ O ₅ 47	Band *	P ₂ O ₅ 30	Band *	P ₂ O ₅ 50	Band *		
Chloride	0-24" 48 lb/acre				K ₂ O 10	Band (Starter)*	K ₂ O 0		K ₂ O 0			
	0-6" 120 +lb/acre				Cl 0		Cl 0		Cl	Not Available		
	6-24" 360 +lb/acre				S 0		S 0		S 10	Band		
Sulfur	2.4 ppm				B 0		B 0		B 0			
Boron	0.52 ppm				Zn 1	Band	Zn 1	Band	Zn 2	Band		
Zinc	18.5 ppm				Fe 0		Fe 0		Fe 0			
Iron	1.3 ppm				Mn 0		Mn 0		Mn 0			
Manganese	1.98 ppm				Cu 0		Cu 0		Cu 0			
Copper	1969 ppm				Mg 0		Mg 0		Mg 0			
Magnesium	6446 ppm				Lime		Lime		Lime			
Calcium	212 ppm				Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
Sodium	5.8 %				0-6" 8.2		50.9 meq	% Ca (65-75)	% Mg (15-20)	% K (1-7)	% Na (0-5)	% H (0-5)
Org.Matter	9.6 %				6-24" 8.4			63.3	32.2	2.7	1.8	0.0
Carbonate(CCE)	1.11 mmho/cm											
Sol. Salts	6-24" 2.17 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. 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. Soybean iron deficiency (IDC) risk is extreme, based on soil carbonate and salinity. Crop nutrient removal: P205 = 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.

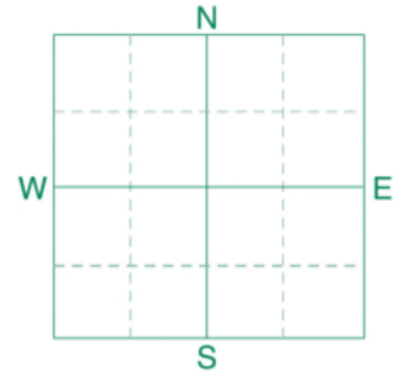
Crop 3: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury. * May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 50 K2O = 25 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.



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

SOIL TEST REPORT

Field ID:
Field Name:
Sample ID:
County: Section: **16**
Township: **6** Quarter: **SE**
Range: **2W** Acres: **160**
Previous Crop: **Wheat-Spring**



SUBMITTED FOR:

Friesen Grain Growers
Box 21
Rosenort, MB R0G-1W0
Canada

SUBMITTED BY:

ROSENORT AGRO LTD R01610
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB R0G-1W0
Canada

Ref #: 5753384
Box #: 3864
Lab #: NW73857

Date Sampled:

Date Received: **9/2/2025**

Date Reported: **9/3/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice	
		VLow	Low	Med	High						
Nitrate	0-6"	31 lb/acre				Canola-bu		Canola-bu		Soybeans	
	6-24"	54 lb/acre				YIELD GOAL		YIELD GOAL		YIELD GOAL	
	0-24"	85 lb/acre	*****	*****	*****	55 BU		60 BU		40 BU	
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES	
						Band/Maint.		Band/Maint.		Band/Maint.	
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION
					N	108	N	125	N	***	
					P ₂ O ₅	50	P ₂ O ₅	54	P ₂ O ₅	30	
					K ₂ O	0	K ₂ O	0	K ₂ O	0	
Phosphorus	Olsen	12 ppm	*****	*****	*****	Cl	Not Available	Cl	Not Available	Cl	0
Potassium		425 ppm	*****	*****	*****	S	15	S	15	S	5
						B	0	B	0	B	0
Chloride	0-24"	32 lb/acre	*****	*****	*	Zn	2	Zn	2	Zn	1
						Fe	0	Fe	0	Fe	0
Sulfur	0-6"	24 lb/acre	*****	*****	****	Mn	0	Mn	0	Mn	0
	6-24"	360 +lb/acre	*****	*****	*****	Cu	0	Cu	0	Cu	0
Boron		2.1 ppm	*****	*****	*****	Mg	0	Mg	0	Mg	0
Zinc		0.58 ppm	*****	*****		Lime	0	Lime	0	Lime	0
Iron		18.6 ppm	*****	*****	*****	Soil pH		Buffer pH		Cation Exchange Capacity	
Manganese		1.3 ppm	*****	*****	**	0-6" 8.2		49.6 meq		% Base Saturation (Typical Range)	
Copper		1.58 ppm	*****	*****	*	6-24" 8.3				% Ca	
Magnesium		1360 ppm	*****	*****	*****					% Mg	
Calcium		7358 ppm	*****	*****	*****					% K	
Sodium		94 ppm	*****	*****	**					% Na	
Org. Matter		5.0 %	*****	*****	*****					% H	
Carbonate (CCE)		4.1 %	*****	*****	****						
Sol. Salts	0-6"	0.8 mmho/cm	*****	*****	*****						
	6-24"	1.53 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 = 50 K₂O = 25 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.

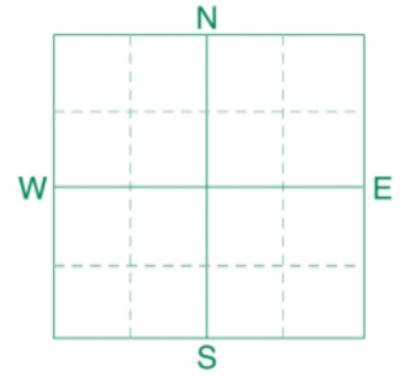
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is high, based on soil carbonate and salinity. Crop nutrient removal: P₂O₅ = 30 K₂O = 47 AGVISE Band/Maintenance guideline will build P & K test levels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



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

SOIL TEST REPORT

Field ID:
Field Name:
Sample ID:
County: Section: **9**
Township: **6** Quarter: **NE**
Range: **2W** Acres: **160**
Previous Crop: **Wheat-Spring**



SUBMITTED FOR:

Friesen Grain Growers
Box 21
Rosenort, MB R0G-1W0
Canada

SUBMITTED BY:

ROSENORT AGRO LTD R01610
62 PROVINCIAL RD 205E
BOX 184
ROSENORT, MB R0G-1W0
Canada

Ref #: **5753387**
Box #: **3807**
Lab #: **NW73858**

Date Sampled:

Date Received: **9/2/2025**

Date Reported: **9/3/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice					
		VLow	Low	Med	High										
Nitrate	0-6"	42 lb/acre				Canola-bu		Canola-bu		Soybeans					
	6-24"	33 lb/acre				YIELD GOAL		YIELD GOAL		YIELD GOAL					
	0-24"	75 lb/acre	*****	*****	*****	55 BU		60 BU		40 BU					
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES					
						Band/Maint.		Band/Maint.		Band/Maint.					
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION				
					N	118	N	135	N	***					
					P ₂ O ₅	50	Band *	P ₂ O ₅	54	Band *	P ₂ O ₅	32	Band *		
					K ₂ O	0		K ₂ O	0		K ₂ O	0			
Phosphorus	Olsen	8 ppm	*****	*****		Cl	Not Available	Cl	Not Available	Cl	0				
Potassium		405 ppm	*****	*****	*****	S	15	Band	S	15	Band	S	5	Band (Trial)	
Chloride	0-24"	32 lb/acre	*****	*****	*	B	0		B	0		B	0		
						Zn	2	Band	Zn	2	Band	Zn	1	Band	
						Fe	0		Fe	0		Fe	0		
Sulfur	0-6"	18 lb/acre	*****	*****	*	Mn	0		Mn	0		Mn	0		
	6-24"	360 +lb/acre	*****	*****	*****	Cu	0		Cu	0		Cu	0		
Boron		2.1 ppm	*****	*****	*****	Mg	0		Mg	0		Mg	0		
Zinc		0.35 ppm	*****	*		Lime	0		Lime	0		Lime	0		
Iron		18.1 ppm	*****	*****	*****	Soil pH		Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)			
Manganese		1.5 ppm	*****	*****	***	0-6" 8.2		47.7 meq		% Ca	% Mg	% K	% Na	% H	
Copper		1.63 ppm	*****	*****	*	6-24" 8.5				(65-75)	(15-20)	(1-7)	(0-5)	(0-5)	
Magnesium		1375 ppm	*****	*****	*****					72.9	24.0	2.2	0.9	0.0	
Calcium		6955 ppm	*****	*****	*****										
Sodium		94 ppm	*****	*****	**										
Org. Matter		5.3 %	*****	*****	*****										
Carbonate (CCE)		10.9 %	*****	*****	*****										
Sol. Salts	0-6"	0.79 mmho/cm	*****	*****	*****										
	6-24"	1.53 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 = 50 K₂O = 25 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 very high, 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.