



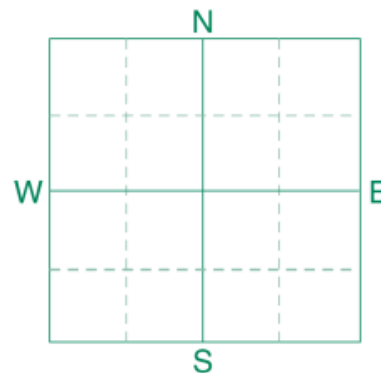
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **1 W**
Field Name: **W Scheinstal**
Sample ID: **SCHWEINSTA**
County: Section: **18**
Township: **13** Quarter: **N**
Range: **12W** Acres: 310
Previous Crop: **Barley**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5790294**

Box #: **4997**

Lab #: **NW87929**

Date Sampled:

Date Received: **9/11/2025**

Date Reported: **9/12/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice					
		VLow	Low	Med	High	Canola-bu			Canola-bu			Canola-bu					
Nitrate	0-6" 6-24" 0-24"	9 lb/acre 21 lb/acre 30 lb/acre					YIELD GOAL			YIELD GOAL			YIELD GOAL				
							45 BU			50 BU			55 BU				
							SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES				
							Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.				
							LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION					
							N	128		N	145		N	163			
							P ₂ O ₅	90	Broadcast	P ₂ O ₅	100	Broadcast	P ₂ O ₅	110	Broadcast		
							K ₂ O	104	Broadcast	K ₂ O	116	Broadcast	K ₂ O	128	Broadcast		
Phosphorus	Olsen (0-6")	5 ppm	*****	**													
Potassium		59 ppm	*****	*													
Chloride	0-24"	144 lb/acre	*****	*****	*****	*****											
Sulfur	0-6" 6-24"	120 +lb/acre 360 +lb/acre	*****	*****	*****	*****											
Boron		1.4 ppm	*****	*****	*****	***											
Zinc		0.93 ppm	*****	*****	*****												
Iron		13.1 ppm	*****	*****	*****	*****											
Manganese		1.9 ppm	*****	*****	*****												
Copper		0.67 ppm	*****	*****	***												
Magnesium		518 ppm	*****	*****	*****	*****											
Calcium		4488 ppm	*****	*****	*****	*****											
Sodium		39 ppm	*****														
Org. Matter		2.3 %	*****	***													
Carbonate (CCE)		5.6 %	*****	*****	*****	*											
Sol. Salts	0-6" 6-24"	0.46 mmho/cm 0.66 mmho/cm	*****	*****													

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

Crop 1: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 41 K₂O = 20 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 45 K₂O = 23 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 25 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



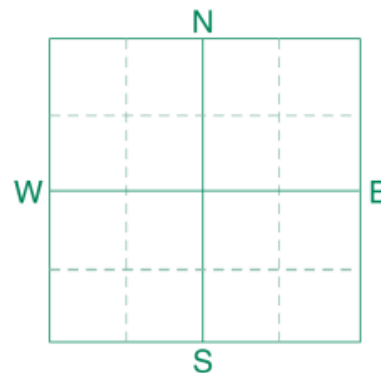
SHUR-GRO

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Benson: (320) 843-4109

SOIL TEST REPORT

Field ID: **2**
Field Name: **Sunflower**
Sample ID:
County: Section: **18**
Township: **13** Quarter: **SE**
Range: **12W** Acres: **160**
Previous Crop: **Barley**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5790295**

Box #: **11149**

Lab #: **NW110970**

Date Sampled:

Date Received: **9/25/2025**

Date Reported: **9/26/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice						
		VLow	Low	Med	High	Canola-bu			Canola-bu			Canola-bu						
Nitrate	0-6" 6-24"	10 lb/acre 15 lb/acre				YIELD GOAL			YIELD GOAL			YIELD GOAL						
	0-24"	25 lb/acre	*****	****	45 BU			50 BU			55 BU							
					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES							
					Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.							
					LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION						
	N	133		N	150		N	168										
	P ₂ O ₅	90	Broadcast	P ₂ O ₅	100	Broadcast	P ₂ O ₅	110	Broadcast									
	K ₂ O	84	Broadcast	K ₂ O	93	Broadcast	K ₂ O	102	Broadcast									
Cl		Not Available	Cl		Not Available	Cl		Not Available										
Phosphorus	Olsen (0-6")	5 ppm	*****	**		S	10	Broadcast	S	10	Broadcast	S	10	Broadcast				
Potassium		82 ppm	*****	****		B	0		B	0		B	0					
Chloride	0-24"	124 lb/acre	*****	*****	*****	*****	Zn	0		Zn	0		Zn	0				
	0-6" 6-24"	120 +lb/acre 360 +lb/acre	***** *****	***** *****	***** *****	***** *****	Fe	0		Fe	0		Fe	0				
							Mn	0		Mn	0		Mn	0				
Sulfur						Cu	0		Cu	0		Cu	0					
Boron		2.1 ppm	*****	*****	*****	*****	Mg	0		Mg	0		Mg	0				
Zinc		1.77 ppm	*****	*****	*****	*****	Lime	0		Lime	0		Lime	0				
Iron		16.8 ppm	*****	*****	*****	*****	Soil pH			Buffer pH			Cation Exchange Capacity			% Base Saturation (Typical Range)		
Manganese		1.5 ppm	*****	*****	***													
Copper		1.23 ppm	*****	*****	*****	*	0-6" 8.2 6-24" 8.4			29.6 meq			(65-75) 85.3	(15-20) 13.6	(1-7) 0.7	(0-5) 0.4	(0-5) 0.0	
Magnesium		482 ppm	*****	*****	*****	*****												
Calcium		5045 ppm	*****	*****	*****	*****												
Sodium		28 ppm	****															
Org. Matter		3.4 %	*****	*****	*													
Carbonate (CCE)		7.6 %	*****	*****	*****	***												
Sol. Salts	0-6" 6-24"	0.7 mmho/cm 0.9 mmho/cm	***** *****	***** *****	***** *****	*												

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

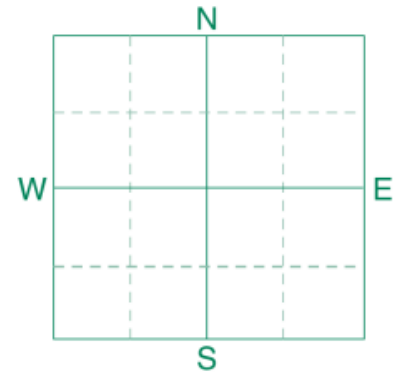
Crop 1: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 41 K₂O = 20 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 45 K₂O = 23 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 25 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



SOIL TEST REPORT	
Field ID: 3	
Field Name: N Brush	
Sample ID:	
County: MB	Section: 7
Township: 13	Quarter: N
Range: 12W	Acres: 320
Previous Crop: Barley	



Lab #: NW110971

SHUR-GRO FARM-MACGREGOR MU2299
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Date Reported: 9/26/2025

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Canola-bu			Canola-bu			Canola-bu		
Nitrate	0-6" 6-24" 0-24"	lb/acre	*****	*****	*****	YIELD GOAL			YIELD GOAL			YIELD GOAL		
						45 BU			50 BU			55 BU		
						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
						Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
						N	116		N	133		N	151	
						P ₂ O ₅	90	Broadcast	P ₂ O ₅	100	Broadcast	P ₂ O ₅	110	Broadcast
						K ₂ O	109	Broadcast	K ₂ O	121	Broadcast	K ₂ O	133	Broadcast
Phosphorus	Olsen (0-6")	5 ppm	*****	**		Cl		Not Available	Cl		Not Available			
Potassium		54 ppm	*****			S	10	Broadcast	S	10	Broadcast			
Chloride	0-24"	108 lb/acre	*****	*****	*****	B	0		B	0				
						Zn	0		Zn	0				
						Fe	0		Fe	0				
Sulfur	0-6" 6-24"	86 lb/acre 360 +lb/acre	*****	*****	*****	Mn	2	Broadcast	Mn	2	Broadcast			
						Cu	0		Cu	0				
						Mg	0		Mg	0				
Boron		1.9 ppm	*****	*****	*****	Lime	0		Lime	0				
Zinc		1.42 ppm	*****	*****	*****	Soil pHBuffer pH Cation Exchange Capacity% Base Saturation (Typical Range) % Ca% Mg% K% Na% H								
Iron		10.4 ppm	*****	*****	*****									
Manganese		0.9 ppm	*****	*****		0-6" 8.6 6-24" 8.6		27.3 meq	(65-75) 86.3	(15-20) 12.8	(1-7) 0.5	(0-5) 0.4	(0-5) 0.0	
Copper		1.21 ppm	*****	*****	*									
Magnesium		419 ppm	*****	*****	*****									
Calcium		4707 ppm	*****	*****	*****									
Sodium		28 ppm	****											
Org. Matter		3.0 %	*****	*****										
Carbonate (CCE)		6.3 %	*****	*****	*****									
Sol. Salts	0-6" 6-24"	0.33 mmho/cm 0.52 mmho/cm	*****	**										
			*****	*****										

Crop 3: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: $P_2O_5 = 50$ $K_2O = 25$ AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



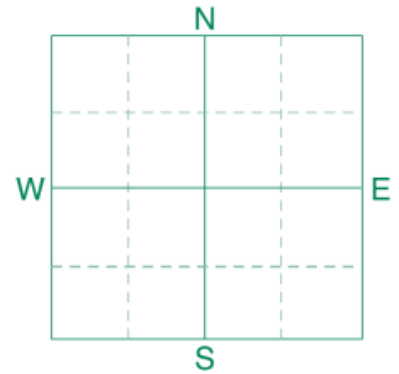
SHUR-GRO

Farm Services Ltd.

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Northwood: (701) 587-6010
Benson: (320) 843-4109

SOIL TEST REPORT

Field ID: **4**
Field Name: **South Brush**
Sample ID:
County: **MB** Section: **7**
Township: **13** Quarter: **S**
Range: **12W** Acres: **320**
Previous Crop: **Barley**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5790297**
Box #: **11155**
Lab #: **NW110972**

Date Sampled:

Date Received: **9/25/2025**

Date Reported: **9/26/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice			
		VLow	Low	Med	High	Canola-bu			Canola-bu			Canola-bu			
Nitrate	0-6" 6-24"	30 lb/acre 75 lb/acre				YIELD GOAL			YIELD GOAL			YIELD GOAL			
						45 BU			50 BU			55 BU			
	0-24"	105 lb/acre				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
			*****	*****	*****	Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.			
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		
						N	53		N	70		N	88		
						P ₂ O ₅	70	Broadcast	P ₂ O ₅	78	Broadcast	P ₂ O ₅	85	Broadcast	
						K ₂ O	106	Broadcast	K ₂ O	118	Broadcast	K ₂ O	130	Broadcast	
Phosphorus	Olsen (0-6")	10 ppm	*****	*****	****	Cl		Not Available	Cl		Not Available	Cl		Not Available	
Potassium		57 ppm	*****	*		S	10	Broadcast	S	10	Broadcast	S	10	Broadcast	
Chloride	0-24"	284 lb/acre	*****	*****	*****	B	0		B	0		B	0		
						Zn	0		Zn	0		Zn	0		
						Fe	0		Fe	0		Fe	0		
Sulfur	0-6" 6-24"	120 +lb/acre 360 +lb/acre	*****	*****	*****	Mn	0		Mn	0		Mn	0		
			*****	*****	*****	Cu	0		Cu	0		Cu	0		
Boron		3.5 ppm	*****	*****	*****	Mg	0		Mg	0		Mg	0		
Zinc		1.49 ppm	*****	*****	****	Lime	0		Lime	0		Lime	0		
Iron		15.0 ppm	*****	*****	*****	Soil pH		Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)					
Manganese		1.2 ppm	*****	*****	*					% Ca	% Mg	% K	% Na	% H	
Copper		0.54 ppm	*****	*****	*	0-6" 8.2 6-24" 8.2			32.1 meq		(65-75) 79.5	(15-20) 18.9	(1-7) 0.5	(0-5) 1.1	(0-5) 0.0
Magnesium		727 ppm	*****	*****	*****										
Calcium		5104 ppm	*****	*****	*****										
Sodium		84 ppm	*****	*****											
Org. Matter		5.6 %	*****	*****	*****										
Carbonate (CCE)		15.2 %	*****	*****	*****										
Sol. Salts	0-6" 6-24"	1.19 mmho/cm 1.18 mmho/cm	*****	*****	*****										
			*****	*****	*****										

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

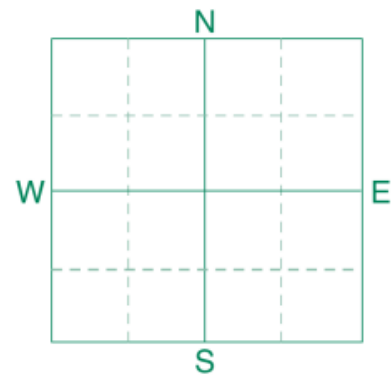
Crop 1: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 41 K₂O = 20 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 45 K₂O = 23 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 25 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



SOIL TEST REPORT	
Field ID: 21	
Field Name: Hudson Bay	
Sample ID:	
County:	Section: 27
Township: 12	Quarter: N
Range: 12	Acres: 320
Previous Crop: Wheat-Spring	



SUBMITTED FOR:
DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:	
SHUR-GRO FARM-MACGREGOR	MU2299
PO BOX 520	
MACGREGOR, MB R0H 0R0	
CAN	

Date Reported: 9/12/2025

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Corn-Grain			Corn-Grain			Corn-Grain		
Nitrate	0-6" 6-24" 0-24"	20 lb/acre 9 lb/acre 29 lb/acre	*****	*****		YIELD GOAL			YIELD GOAL			YIELD GOAL		
						140 BU			150 BU			160 BU		
						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
						Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.		
						LB/ACRE		APPLICATION	LB/ACRE		APPLICATION	LB/ACRE		APPLICATION
						N	139		N	151		N	163	
						P ₂ O ₅	52	Broadcast	P ₂ O ₅	56	Broadcast	P ₂ O ₅	59	Broadcast
						K ₂ O	102	Broadcast	K ₂ O	110	Broadcast	K ₂ O	117	Broadcast
Phosphorus	Olsen (0-6")	18 ppm	*****	*****	*****	*****	Cl		Not Available		Cl		Not Available	
							S	0		S	0		S	0
Potassium		98 ppm	*****	*****			B	0		B	0			
Chloride	0-24"	216 lb/acre	*****	*****	*****	*****	Zn	0		Zn	0			
							Fe	0		Fe	0			
							Mn	0		Mn	0			
Sulfur	0-6" 6-24"	120 +lb/acre 288 lb/acre	*****	*****	*****	*****	Cu	0		Cu	0			
							Mg	0		Mg	0			
							Lime	0		Lime	0			
Boron		2.9 ppm	*****	*****	*****	*****								
Zinc		2.87 ppm	*****	*****	*****	*****								
Iron		10.6 ppm	*****	*****	*****	*****								
Manganese		1.3 ppm	*****	*****	**									
Copper		1.0 ppm	*****	*****	*****									
Magnesium		652 ppm	*****	*****	*****	*****								
Calcium		4629 ppm	*****	*****	*****	*****								
Sodium		67 ppm	*****	****										
Org. Matter		3.5 %	*****	*****	**									
Carbonate (CCE)		15.2 %	*****	*****	*****	*****								
Sol. Salts	0-6" 6-24"	1.09 mmho/cm 0.34 mmho/cm	*****	*****	*****	**								

Crop 1: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: $P_2O_5 = 52$ $K_2O = 32$ AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: $P_2O_5 = 56$ $K_2O = 35$ AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: $P_2O_5 = 59$ $K_2O = 37$ AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



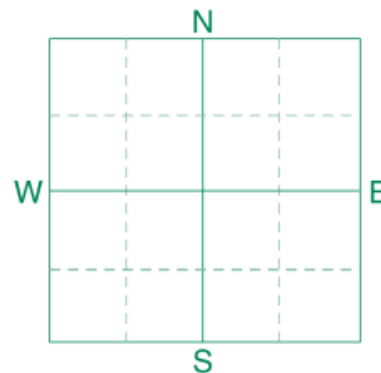
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **33**
Field Name: **Hans Yard**
Sample ID:
County:
Section: **27**
Township: **12**
Quarter: **SW**
Range: **12W**
Acres: **140**
Previous Crop: **Wheat-Spring**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

MU2299

Ref #: **5793827**

Box #: **5119**

Lab #: **NW87946**

Date Sampled:

Date Received: **9/11/2025**

Date Reported: **9/12/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Corn-Grain			Corn-Grain			Corn-Grain		
Nitrate	0-6"	41 lb/acre				YIELD GOAL			YIELD GOAL			YIELD GOAL		
	6-24"	54 lb/acre				140 BU			150 BU			160 BU		
	0-24"	95 lb/acre				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
			*****	*****	*****	Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
						N	73		N	85		N	97	
Phosphorus	Olsen (0-6")	14 ppm	*****	*****	*****	P ₂ O ₅	62	Broadcast	P ₂ O ₅	67	Broadcast	P ₂ O ₅	71	Broadcast
						K ₂ O	91	Broadcast	K ₂ O	97	Broadcast	K ₂ O	104	Broadcast
Potassium		113 ppm	*****	*****	*	Cl		Not Available	Cl		Not Available	Cl		Not Available
Chloride	0-24"	140 lb/acre	*****	*****	*****	S	0		S	0		S	0	
						B	0		B	0		B	0	
						Zn	0		Zn	0		Zn	0	
Sulfur	0-6"	66 lb/acre	*****	*****	*****	Fe	0		Fe	0		Fe	0	
	6-24"	120 lb/acre	*****	*****	*****	Mn	0		Mn	0		Mn	0	
						Cu	0		Cu	0		Cu	0	
Boron		1.8 ppm	*****	*****	*****	Mg	0		Mg	0		Mg	0	
Zinc		2.03 ppm	*****	*****	*****	Lime	0		Lime	0		Lime	0	
Iron		13.6 ppm	*****	*****	*****	Soil pH			Buffer pH			Cation Exchange Capacity		
Manganese		1.9 ppm	*****	*****	*****									
Copper		0.57 ppm	*****	*****	*	0-6" 8.5 6-24" 8.7			27.8 meq			% Base Saturation (Typical Range)		
Magnesium		558 ppm	*****	*****	*****							% Ca	% Mg	% K
Calcium		4515 ppm	*****	*****	*****							(65-75)	(15-20)	(1-7)
Sodium		58 ppm	*****	***								(0-5)	(0-5)	(0-5)
Org. Matter		3.7 %	*****	*****	***							0.9	0.9	0.0
Carbonate (CCE)		5.1 %	*****	*****	*****									
Sol. Salts	0-6"	0.47 mmho/cm	*****	*****										
	6-24"	0.24 mmho/cm	*****											

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

Crop 1: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 52 K₂O = 32 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 56 K₂O = 35 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 59 K₂O = 37 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



SHUR-GRO

Farm Services Ltd.

Analysis by AGVISE Laboratories

www.agvise.com

Northwood: (701) 587-6010

Benson: (320) 843-4109

SOIL TEST REPORT

Field ID: **17+18**

Field Name: **Robust+Freese**

Sample ID:

County: **MB**

Section: **33**

Township: **12**

Quarter: **N**

Range: **12W**

Acres: **285**

Previous Crop: **Wheat-Spring**

W

N

E

S

Ref #: **5793833**

Box #: **5162**

Lab #: **NW87947**

SUBMITTED FOR:

DELTA COLONY

BOX R.R. 1

AUSTIN, MB R0H-0C0

Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR

PO BOX 520

MACGREGOR, MB R0H 0R0

CAN

MU2299

Date Sampled:

Date Received: **9/11/2025**

Date Reported: **9/12/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice			
		VLow	Low	Med	High	Corn-Grain			Corn-Grain			Corn-Grain			
Nitrate	0-6"					YIELD GOAL			YIELD GOAL			YIELD GOAL			
	6-24"					140 BU			150 BU			160 BU			
						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
	0-24"					Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.			
		*****	*****	*****	*****	LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		
						N	113		N	125		N	137		
Phosphorus	Olsen					P ₂ O ₅	52	Broadcast	P ₂ O ₅	56	Broadcast	P ₂ O ₅	59	Broadcast	
	(0-6")	32 ppm	*****	*****	*****	K ₂ O	104	Broadcast	K ₂ O	111	Broadcast	K ₂ O	119	Broadcast	
Potassium		96 ppm	*****	*****		Cl		Not Available	Cl		Not Available	Cl		Not Available	
Chloride						S	0		S	0		S	0		
	0-24"	328 lb/acre	*****	*****	*****	B	0		B	0		B	0		
						Zn	0		Zn	0		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		2.9 ppm	*****	*****	*****	Cu	0		Cu	0		Cu	0		
Zinc		3.67 ppm	*****	*****	*****	Mg	0		Mg	0		Mg	0		
Iron		10.5 ppm	*****	*****	*****	Lime	0		Lime	0		Lime	0		
Manganese		1.1 ppm	*****	*****		Soil pH		Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)				
Copper		1.72 ppm	*****	*****	*						% Ca	% Mg	% K	% Na	% H
Magnesium		724 ppm	*****	*****	*****	0-6" 8.3			36.8 meq		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
Calcium		6016 ppm	*****	*****	*****	6-24" 8.5					81.8	16.4	0.7	1.1	0.0
Sodium		90 ppm	*****	*****	*										
Org. Matter		4.1 %	*****	*****	****										
Carbonate (CCE)		12.3 %	*****	*****	*****										
Sol. Salts	0-6"	1.74 mmho/cm	*****	*****	*****										
	6-24"	0.85 mmho/cm	*****	*****	*****										

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

Crop 1: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 52 K₂O = 32 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 56 K₂O = 35 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 59 K₂O = 37 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



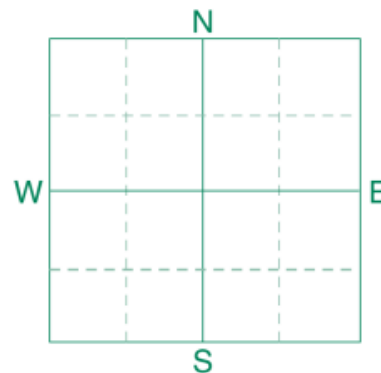
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **12**
Field Name: **Pig Barn**
Sample ID:
County: Section: **4**
Township: **13** Quarter: **SE**
Range: **12W** Acres: **150**
Previous Crop: **Wheat-Spring**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5793836**

Box #: **5120**

Lab #: **NW87948**

Date Sampled:

Date Received: **9/11/2025**

Date Reported: **9/12/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice																											
		VLow	Low	Med	High	Corn-Grain			Corn-Grain			Corn-Grain																											
Nitrate	0-6" 6-24"	20 lb/acre 27 lb/acre					YIELD GOAL			YIELD GOAL			YIELD GOAL																										
							140 BU			150 BU			160 BU																										
	0-24"	47 lb/acre					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES																										
			*****	*****	*****	*****	Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.																										
							LB/ACRE	APPLICATION			LB/ACRE	APPLICATION			LB/ACRE	APPLICATION																							
							N	121			N	133			N	145																							
							P ₂ O ₅	15	Band (2x2) *		P ₂ O ₅	15	Band (2x2) *		P ₂ O ₅	15	Band (2x2) *																						
							K ₂ O	114	Broadcast		K ₂ O	123	Broadcast		K ₂ O	131	Broadcast																						
Phosphorus	Olsen (0-6")	46 ppm	*****	*****	*****	*****	Cl		Not Available		Cl		Not Available		Cl		Not Available																						
Potassium		82 ppm	*****	****			S	0			S	0			S	0																							
Chloride	0-24"	172 lb/acre	*****	*****	*****	*****	B	0			B	0			B	0																							
							Zn	0			Zn	0			Zn	0																							
							Fe	0			Fe	0			Fe	0																							
Sulfur	0-6" 6-24"	66 lb/acre 192 lb/acre	***** *****	***** *****	***** *****	***** *****	Mn	0			Mn	0			Mn	0																							
							Cu	0			Cu	0			Cu	0																							
							Mg	0			Mg	0			Mg	0																							
Boron		1.2 ppm	*****	*****	*****		Lime	0			Lime	0			Lime	0																							
Zinc		3.68 ppm	*****	*****	*****	*****	<table><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><tr><td colspan="2">0-6" 8.2 6-24" 8.5</td><td></td><td>21.4 meq</td><td>(65-75) 81.1</td><td>(15-20) 17.0</td><td>(1-7) 1.0</td><td>(0-5) 0.9</td><td>(0-5) 0.0</td></tr></table>											Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)					% Ca	% Mg	% K	% Na	% H	0-6" 8.2 6-24" 8.5			21.4 meq	(65-75) 81.1	(15-20) 17.0	(1-7) 1.0	(0-5) 0.9	(0-5) 0.0
Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)																																				
			% Ca	% Mg	% K	% Na												% H																					
0-6" 8.2 6-24" 8.5			21.4 meq	(65-75) 81.1	(15-20) 17.0	(1-7) 1.0												(0-5) 0.9	(0-5) 0.0																				
Iron		27.0 ppm	*****	*****	*****	*****																																	
Manganese		2.0 ppm	*****	*****	*****																																		
Copper		1.17 ppm	*****	*****	*****	*																																	
Magnesium		436 ppm	*****	*****	*****	*****																																	
Calcium		3470 ppm	*****	*****	*****	*****																																	
Sodium		43 ppm	*****																																				
Org. Matter		2.4 %	*****	***																																			
Carbonate (CCE)		2.2 %	*****	*****																																			
Sol. Salts	0-6" 6-24"	0.35 mmho/cm 0.26 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 = 52 K₂O = 32 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high 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 = 56 K₂O = 35 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high 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 = 59 K₂O = 37 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



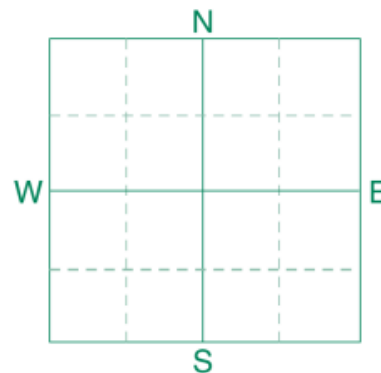
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **7 + 8**
Field Name: **Martin + Apple Field**
Sample ID:
County: **MB** Section: **5**
Township: **13** Quarter: **N**
Range: **12W** Acres: **310**
Previous Crop: **Canola-lb**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5833521**

Box #: **11155**

Lab #: **NW111252**

Date Sampled:

Date Received: **9/25/2025**

Date Reported: **9/26/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice	
		VLow	Low	Med	High	Wheat-Spring		Wheat-Spring		Wheat-Spring	
Nitrate	0-6"	32 lb/acre				YIELD GOAL		YIELD GOAL		YIELD GOAL	
	6-24"	27 lb/acre				70 BU		75 BU		80 BU	
	0-24"	59 lb/acre				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES	
			*****	*****	*****	Broadcast/Maint.		Broadcast/Maint.		Broadcast/Maint.	
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION
						N	130	N	144	N	157
Phosphorus	Olsen	21 ppm	*****	*****	*****	P ₂ O ₅	44	P ₂ O ₅	47	P ₂ O ₅	50
	(0-6")					K ₂ O	106	K ₂ O	113	K ₂ O	121
Potassium		85 ppm	*****	****		Cl	0	Cl	0	Cl	0
Chloride	0-24"	440 lb/acre	*****	*****	*****	S	0	S	0	S	0
						B	0	B	0	B	0
						Zn	0	Zn	0	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		3.2 ppm	*****	*****	*****	Cu	0	Cu	0	Cu	0
Zinc		4.42 ppm	*****	*****	*****	Mg	0	Mg	0	Mg	0
Iron		13.2 ppm	*****	*****	*****	Lime	0	Lime	0	Lime	0
Manganese		1.4 ppm	*****	*****	**	Soil pH		Buffer pH		Cation Exchange Capacity	
Copper		0.89 ppm	*****	*****	*****					% Base Saturation (Typical Range)	
Magnesium		524 ppm	*****	*****	*****	6-24" 8.5		28.5 meq		% Ca	% Mg
Calcium		4726 ppm	*****	*****	*****					% K	% Na
Sodium		55 ppm	*****	**		0-6" 8.4				(65-75)	(15-20)
Org. Matter		5.3 %	*****	*****	*****					(1-7)	(0-5)
Carbonate (CCE)		19.6 %	*****	*****	*****	0-6" 8.4				(0-5)	(0-5)
Sol. Salts	0-6"	0.55 mmho/cm	*****	*****	*					0.8	0.8
	6-24"	0.41 mmho/cm	*****	****		28.5 meq				0.0	0.0

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

Crop 1: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 44 K₂O = 26 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 47 K₂O = 28 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 30 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



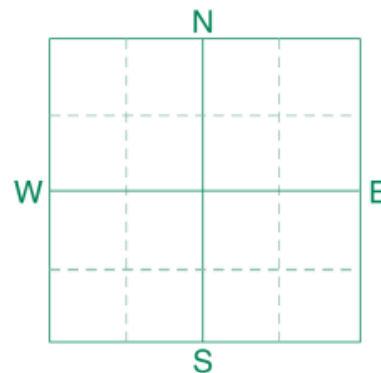
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **10+11**
Field Name: **Reimer**
Sample ID:
County: Section: **5**
Township: **13** Quarter: **S**
Range: **12** Acres: **315**
Previous Crop: **Canola-lb**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5833530**

Box #: **11293**

Lab #: **NW111253**

Date Sampled:

Date Received: **9/25/2025**

Date Reported: **9/26/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Wheat-Spring			Wheat-Spring			Wheat-Spring		
Nitrate	0-6"	23 lb/acre				YIELD GOAL			YIELD GOAL			YIELD GOAL		
	6-24"	21 lb/acre				70 BU			75 BU			80 BU		
	0-24"	44 lb/acre				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
			*****	*****	*****	Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
						N	145		N	159		N	172	
Phosphorus	Olsen (0-6")	38 ppm	*****	*****	*****	P ₂ O ₅	44	Broadcast	P ₂ O ₅	47	Broadcast	P ₂ O ₅	50	Broadcast
	Potassium	100 ppm	*****	*****		K ₂ O	91	Broadcast	K ₂ O	98	Broadcast	K ₂ O	104	Broadcast
Chloride						Cl	0		Cl	0		Cl	0	
						S	0		S	0		S	0	
						B	0		B	0		B	0	
						Zn	0		Zn	0		Zn	0	
Sulfur	0-6"	90 lb/acre	*****	*****	*****	Fe	0		Fe	0		Fe	0	
	6-24"	246 lb/acre	*****	*****	*****	Mn	2	Broadcast	Mn	2	Broadcast	Mn	2	Broadcast
						Cu	0		Cu	0		Cu	0	
						Mg	0		Mg	0		Mg	0	
Boron		2.6 ppm	*****	*****	*****	Lime	0		Lime	0		Lime	0	
Zinc		4.90 ppm	*****	*****	*****	Soil pH			Buffer pH			% Base Saturation (Typical Range)		
Iron		9.0 ppm	*****	*****	*****									
Manganese		1.0 ppm	*****	*****		Cation Exchange Capacity			% Ca			% Mg		
Copper		0.82 ppm	*****	*****										
Magnesium		548 ppm	*****	*****	*****	26.1 meq			(65-75)			(15-20)		
Calcium		4205 ppm	*****	*****	*****									
Sodium		50 ppm	*****	*		0-6" 8.6			80.7			1.0		
Org. Matter		3.3 %	*****	*****	*									
Carbonate (CCE)		10.8 %	*****	*****	*****	0-6" 8.6			80.7			1.0		
Sol. Salts	0-6"	0.46 mmho/cm	*****	*****										
	6-24"	0.43 mmho/cm	*****	****		26.1 meq			80.7			1.0		

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

Crop 1: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 44 K₂O = 26 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 47 K₂O = 28 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 30 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



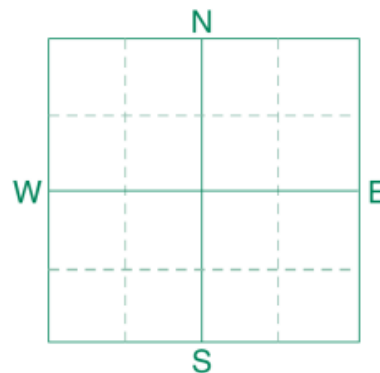
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **15+16**
Field Name: **Tims Bridge+Middle Reimer**
Sample ID:
County: **MB** Section: **32**
Township: **12** Quarter: **N**
Range: **12W** Acres: **310**
Previous Crop: **Canola-lb**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5833539**

Box #: **3263**

Lab #: **NW159237**

Date Sampled:

Date Received: **10/9/2025**

Date Reported: **10/13/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Soybeans			Soybeans			Soybeans		
Nitrate	0-6"	15 lb/acre				YIELD GOAL			YIELD GOAL			YIELD GOAL		
	6-24"	18 lb/acre				45 BU			50 BU			55 BU		
	0-24"	33 lb/acre	*****	*****	*****	SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
						Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
						N	***		N	***		N	***	
Phosphorus	Olsen (0-6")	31 ppm	*****	*****	*****	P ₂ O ₅	34	Broadcast	P ₂ O ₅	38	Broadcast	P ₂ O ₅	41	Broadcast
	Potassium	89 ppm	*****	*****	*****	K ₂ O	73	Broadcast	K ₂ O	82	Broadcast	K ₂ O	90	Broadcast
Chloride	0-24"	272 lb/acre	*****	*****	*****	Cl	0		Cl	0		Cl	0	
						S	0		S	0		S	0	
Sulfur	0-6"	120 +lb/acre	*****	*****	*****	B	0		B	0		B	0	
	6-24"	198 lb/acre	*****	*****	*****	Zn	0		Zn	0		Zn	0	
Boron		1.6 ppm	*****	*****	*****	Fe	0		Fe	0		Fe	0	
Zinc		4.12 ppm	*****	*****	*****	Mn	0		Mn	0		Mn	0	
Iron		12.4 ppm	*****	*****	*****	Cu	0		Cu	0		Cu	0	
Manganese		1.4 ppm	*****	*****	**	Mg	0		Mg	0		Mg	0	
Copper		0.96 ppm	*****	*****	*****	Lime	0		Lime	0		Lime	0	
Magnesium		471 ppm	*****	*****	*****	Soil pH			Buffer pH			Cation Exchange Capacity		
Calcium		3780 ppm	*****	*****	*****									
Sodium		51 ppm	*****	**		0-6" 8.2 6-24" 8.5			23.3 meq			% Base Saturation (Typical Range)		
Org. Matter		2.3 %	*****	***								% Ca	% Mg	% K
Carbonate (CCE)		8.7 %	*****	*****	*****							% Na	% H	
Sol. Salts	0-6"	0.55 mmho/cm	*****	*****	*							(65-75)	(15-20)	(1-7)
	6-24"	0.39 mmho/cm	*****	***								(0-5)	1.0	(0-5)

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

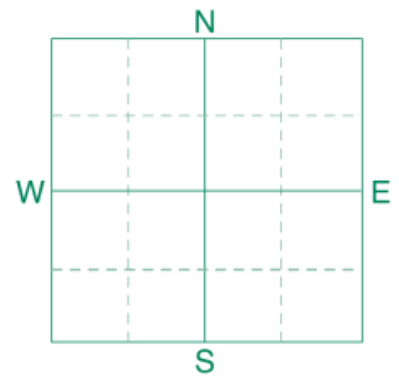
Crop 1: May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is very high, based on soil carbonate and salinity. Crop nutrient removal: P₂O₅ = 34 K₂O = 53 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: 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 = 38 K₂O = 59 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is very high, based on soil carbonate and salinity. Crop nutrient removal: P₂O₅ = 41 K₂O = 65 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



SOIL TEST REPORT	
Field ID: 13	
Field Name: Schneider	
Sample ID: ENNS	
County:	Section: 3
Township: 13	Quarter: S
Range: 12	Acres: 320
Previous Crop: Canola-bu	



Lab #: NW212358

SUBMITTED FOR:
DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**

PO BOX 520

MACGREGOR, MB R0H 0R0

CAN

Date Reported: **10/30/2025**

Nutrient In The Soil			Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice			
			VLow	Low	Med	High	Barley			Barley			Barley			
Nitrate	0-6" 6-24"	15 lb/acre 39 lb/acre	*****	*****	*****	*****	YIELD GOAL			YIELD GOAL			YIELD GOAL			
							80 BU			85 BU			90 BU			
	SUGGESTED GUIDELINES						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES						
	Broadcast/Maint.						Broadcast/Maint.			Broadcast/Maint.						
	LB/ACRE	APPLICATION					LB/ACRE	APPLICATION		LB/ACRE	APPLICATION					
	N	70						N	78		N	86				
	P ₂ O ₅	15					Band (Starter)*	P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	15	Band (Starter)*			
	K ₂ O	59					Broadcast	K ₂ O	63	Broadcast	K ₂ O	67	Broadcast			
Phosphorus	Olsen (0-6")	55 ppm	*****	*****	*****	*****	Cl	0		Cl	0		Cl	0		
							S	0		S	0		S	0		
Potassium	136 ppm	*****	*****	****	*****	B	0		B	0		B	0			
Chloride	0-24"	328 lb/acre	*****	*****		*****	*****	Zn	0		Zn	0		Zn	0	
								Fe	0		Fe	0		Fe	0	
Sulfur	0-6" 6-24"	120 +lb/acre 360 +lb/acre	*****	*****		*****	*****	Mn	0		Mn	0		Mn	0	
								Cu	0		Cu	0		Cu	0	
Boron	2.5 ppm	*****	*****	*****		*****	Mg	0		Mg	0		Mg	0		
Zinc	6.25 ppm	*****	*****	*****		*****	Lime	0		Lime	0		Lime	0		
Iron	14.0 ppm	*****	*****	*****		*****	Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)						
Manganese	2.2 ppm	*****	*****	*****	% Ca	% Mg				% K	% Na	% H				
Copper	1.17 ppm	*****	*****	*****	*	0-6" 8.2 6-24" 8.1		30 meq	(65-75) 77.8	(15-20) 20.0	(1-7) 1.2	(0-5) 1.1	(0-5) 0.0			
Magnesium	720 ppm	*****	*****	*****	*****											
Calcium	4670 ppm	*****	*****	*****	*****											
Sodium	74 ppm	*****	*****													
Org. Matter	3.5 %	*****	*****	**												
Carbonate (CCE)	9.7 %	*****	*****	*****	*****											
Sol. Salts	0-6" 6-24"	1.08 mmho/cm 1.39 mmho/cm	*****	*****	*****	**										
							*****	*****	*****	***						

Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: $P_2O_5 = 42$ $K_2O = 45$ AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



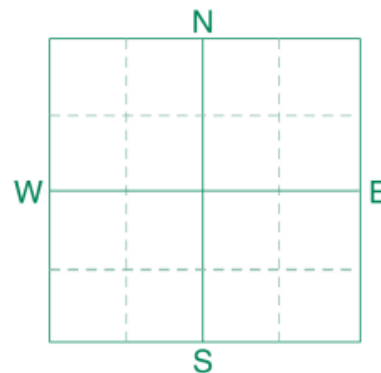
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **20**
Field Name: **Jim**
Sample ID: **ENNS**
County: Section: **28**
Township: **12** Quarter: **N**
Range: **12W** Acres: **320**
Previous Crop: **Canola-bu**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5870757**

Box #: **3843**

Lab #: **NW164470**

Date Sampled:

Date Received: **10/10/2025**

Date Reported: **10/14/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice																								
		VLow	Low	Med	High	Wheat-Spring			Wheat-Spring			Wheat-Spring																								
Nitrate	0-6" 6-24"	17 lb/acre 24 lb/acre	*****	*****	*****	****	YIELD GOAL			YIELD GOAL			YIELD GOAL																							
							70 BU			75 BU			80 BU																							
	SUGGESTED GUIDELINES						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES																										
	Broadcast/Maint.						Broadcast/Maint.			Broadcast/Maint.																										
	LB/ACRE						APPLICATION	LB/ACRE		APPLICATION	LB/ACRE		APPLICATION																							
	N	148						N	162		N	175																								
	P ₂ O ₅	44					Broadcast	P ₂ O ₅	47	Broadcast	P ₂ O ₅	50	Broadcast																							
	K ₂ O	94					Broadcast	K ₂ O	101	Broadcast	K ₂ O	107	Broadcast																							
Phosphorus	Olsen (0-6")	28 ppm	*****	*****	*****	*****	Cl	0		Cl	0		Cl	0																						
							S	0		S	0		S	0																						
Potassium		97 ppm	*****	*****			B	0		B	0		B	0																						
Chloride	0-24"	232 lb/acre	*****	*****	*****	*****	Zn	0		Zn	0		Zn	0																						
							Fe	0		Fe	0		Fe	0																						
							Mn	0		Mn	0		Mn	0																						
Sulfur	0-6" 6-24"	106 lb/acre 210 lb/acre	*****	*****	*****	*****	Cu	0		Cu	0		Cu	0																						
							Mg	0		Mg	0		Mg	0																						
Boron		2.6 ppm	*****	*****	*****	*****	Lime	0		Lime	0		Lime	0																						
Zinc		3.59 ppm	*****	*****	*****	*****	<table><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><tr><td>0-6" 8.2 6-24" 8.4</td><td></td><td>25.7 meq</td><td>(65-75) 78.4</td><td>(15-20) 19.7</td><td>(1-7) 1.0</td><td>(0-5) 0.9</td><td>(0-5) 0.0</td></tr></table>									Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)					% Ca	% Mg	% K	% Na	% H	0-6" 8.2 6-24" 8.4		25.7 meq	(65-75) 78.4	(15-20) 19.7	(1-7) 1.0	(0-5) 0.9	(0-5) 0.0
Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)																																	
			% Ca	% Mg	% K	% Na										% H																				
0-6" 8.2 6-24" 8.4		25.7 meq	(65-75) 78.4	(15-20) 19.7	(1-7) 1.0	(0-5) 0.9										(0-5) 0.0																				
Iron		19.7 ppm	*****	*****	*****	*****																														
Manganese		2.2 ppm	*****	*****	*****	*****																														
Copper		1.02 ppm	*****	*****	*****	*****																														
Magnesium		608 ppm	*****	*****	*****	*****																														
Calcium		4031 ppm	*****	*****	*****	*****																														
Sodium		52 ppm	*****	**																																
Org. Matter		3.5 %	*****	*****	**																															
Carbonate (CCE)		10.0 %	*****	*****	*****	*****																														
Sol. Salts	0-6" 6-24"	0.47 mmho/cm 0.34 mmho/cm	*****	*****	*****	*****																														

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

Crop 1: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 44 K₂O = 26 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 47 K₂O = 28 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 30 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



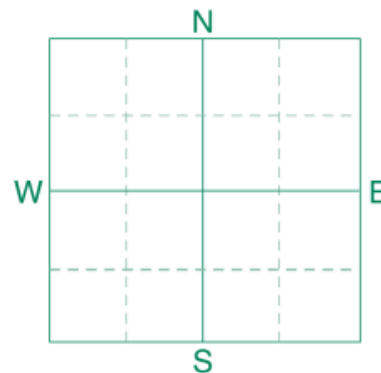
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **30 + 31**
Field Name: **Buhler**
Sample ID: **ENNS**
County: **Manitoba** Section: **29**
Township: **12** Quarter: **S**
Range: **12W** Acres: **270**
Previous Crop: **Canola-bu**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5870761**

Box #: **1968**

Lab #: **NW229756**

Date Sampled:

Date Received: **11/4/2025**

Date Reported: **11/5/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice			
		VLow	Low	Med	High	Wheat-Spring			Wheat-Spring			Wheat-Spring			
Nitrate	0-6" 6-24"	14 lb/acre 39 lb/acre				YIELD GOAL			YIELD GOAL			YIELD GOAL			
						70 BU			75 BU			80 BU			
	0-24"	53 lb/acre				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
			*****	*****	*****	Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.			
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		
						N	136		N	150		N	163		
						P ₂ O ₅	60	Broadcast	P ₂ O ₅	65	Broadcast	P ₂ O ₅	69	Broadcast	
						K ₂ O	130	Broadcast	K ₂ O	140	Broadcast	K ₂ O	149	Broadcast	
Phosphorus	Olsen (0-6")	12 ppm	*****	*****	*****	Cl	0		Cl	0		Cl	0		
Potassium		60 ppm	*****	*		S	0		S	0		S	0		
Chloride	0-24"	60 lb/acre	*****	*****	*****	B	0		B	0		B	0		
						Zn	0		Zn	0		Zn	0		
						Fe	0		Fe	0		Fe	0		
Sulfur	0-6" 6-24"	38 lb/acre 114 lb/acre	***** *****	***** *****	***** *****	Mn	0		Mn	0		Mn	0		
						Cu	0		Cu	0		Cu	0		
Boron		1.9 ppm	*****	*****	*****	Mg	0		Mg	0		Mg	0		
Zinc		1.54 ppm	*****	*****	*****	Lime	0		Lime	0		Lime	0		
Iron		23.6 ppm	*****	*****	*****	Soil pH		Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)					
Manganese		2.7 ppm	*****	*****	*****					% Ca	% Mg	% K	% Na	% H	
Copper		1.07 ppm	*****	*****	*****	0-6" 8.1 6-24" 8.3			24.2 meq		(65-75) 84.7	(15-20) 14.3	(1-7) 0.6	(0-5) 0.4	(0-5) 0.0
Magnesium		415 ppm	*****	*****	*****										
Calcium		4092 ppm	*****	*****	*****										
Sodium		21 ppm	***												
Org. Matter		2.4 %	*****	***											
Carbonate (CCE)		3.3 %	*****	*****	**										
Sol. Salts	0-6" 6-24"	0.24 mmho/cm 0.21 mmho/cm	***** *****												

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

Crop 1: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 44 K₂O = 26 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 47 K₂O = 28 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 30 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



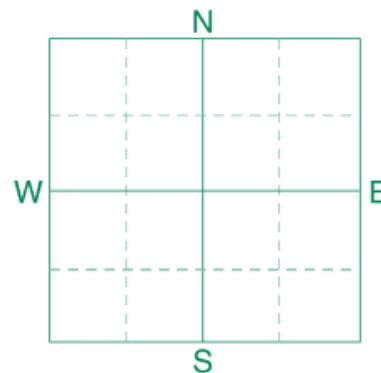
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **32**
Field Name: **Railline**
Sample ID: **ENNS**
County: Section: **28**
Township: **12** Quarter: **SW**
Range: **12W** Acres: **160**
Previous Crop: **Canola-bu**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5870762**

Box #: **1997**

Lab #: **NW229757**

Date Sampled:

Date Received: **11/4/2025**

Date Reported: **11/5/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice			
		VLow	Low	Med	High	Wheat-Spring			Wheat-Spring			Wheat-Spring			
Nitrate	0-6" 6-24"	9 lb/acre 27 lb/acre	*****	*****	*****	YIELD GOAL			YIELD GOAL			YIELD GOAL			
						70 BU			75 BU			80 BU			
	0-24"	36 lb/acre				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
						Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.			
	LB/ACRE	APPLICATION				LB/ACRE	APPLICATION		LB/ACRE	APPLICATION					
	N	153					N	167		N	180				
	P ₂ O ₅	44				Broadcast	P ₂ O ₅	47	Broadcast	P ₂ O ₅	50	Broadcast			
	K ₂ O	123				Broadcast	K ₂ O	132	Broadcast	K ₂ O	141	Broadcast			
	Cl	0					Cl	0		Cl	0				
Phosphorus	Olsen (0-6")	19 ppm	*****	*****	*****	*****	S	0		S	0				
Potassium		67 ppm	*****	**			B	0		B	0				
Chloride	0-24"	132 lb/acre	*****	*****	*****	*****	B	0		B	0				
							Zn	0		Zn	0				
							Fe	0		Fe	0				
Sulfur	0-6" 6-24"	64 lb/acre 186 lb/acre	*****	*****	*****	*****	Mn	0		Mn	0				
							Cu	2	Broadcast (Trial)	Cu	2	Broadcast (Trial)	Cu	2	Broadcast (Trial)
							Mg	0		Mg	0				
Boron		1.6 ppm	*****	*****	*****	*****	Lime	0		Lime	0				
Zinc		2.52 ppm	*****	*****	*****	*****	Soil pH Buffer pH Cation Exchange Capacity % Base Saturation (Typical Range) % Ca % Mg % K % Na % H								
Iron		38.5 ppm	*****	*****	*****	*****									
Manganese		2.2 ppm	*****	*****	*****										
Copper		0.64 ppm	*****	*****	***										
Magnesium		507 ppm	*****	*****	*****										
Calcium		4227 ppm	*****	*****	*****										
Sodium		38 ppm	*****												
Org. Matter		1.6 %	*****												
Carbonate (CCE)		5.5 %	*****	*****	*****										
Sol. Salts	0-6" 6-24"	0.24 mmho/cm 0.24 mmho/cm	*****												

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

Crop 1: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 44 K₂O = 26 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 47 K₂O = 28 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 30 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



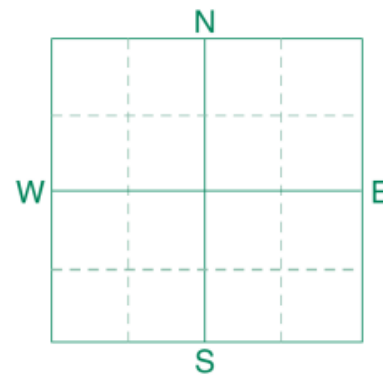
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **34 + 35**
Field Name: **Ridder**
Sample ID: **ENNS**
County: **Manitoba** Section: **20**
Township: **12** Quarter: **N**
Range: **12W** Acres: **320**
Previous Crop: **Wheat-Spring**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5870768**

Box #: **2939**

Lab #: **NW239439**

Date Sampled:

Date Received: **11/8/2025**

Date Reported: **11/10/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice																								
		VLow	Low	Med	High	Soybeans			Soybeans			Soybeans																								
Nitrate	0-6" 6-24"	12 lb/acre 30 lb/acre				YIELD GOAL			YIELD GOAL			YIELD GOAL																								
						45 BU			50 BU			55 BU																								
	0-24"	42 lb/acre				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES																								
			*****	*****	*****	Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.																								
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION																							
						N	***		N	***		N	***																							
						P ₂ O ₅	54	Broadcast	P ₂ O ₅	60	Broadcast	P ₂ O ₅	66	Broadcast																						
						K ₂ O	84	Broadcast	K ₂ O	93	Broadcast	K ₂ O	102	Broadcast																						
Phosphorus	Olsen (0-6")	10 ppm	*****	*****	****	Cl	0		Cl	0		Cl	0																							
Potassium		69 ppm	*****	**		S	0		S	0		S	0																							
Chloride	0-24"	136 lb/acre	*****	*****	*****	B	0		B	0		B	0																							
						Zn	0		Zn	0		Zn	0																							
						Fe	0		Fe	0		Fe	0																							
Sulfur	0-6" 6-24"	34 lb/acre 120 lb/acre	***** *****	***** *****	* *****	Mn	0		Mn	0		Mn	0																							
						Cu	0		Cu	0		Cu	0																							
						Mg	0		Mg	0		Mg	0																							
Boron		2.1 ppm	*****	*****	*****	Lime	0		Lime	0		Lime	0																							
Zinc		2.26 ppm	*****	*****	*****	<table><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><tr><td>0-6" 8.2</td><td>6-24" 8.4</td><td></td><td>24.9 meq</td><td>(65-75) 85.2</td><td>(15-20) 13.7</td><td>(1-7) 0.7</td><td>(0-5) 0.4</td><td>(0-5) 0.0</td></tr></table>									Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)					% Ca	% Mg	% K	% Na	% H	0-6" 8.2	6-24" 8.4		24.9 meq	(65-75) 85.2	(15-20) 13.7	(1-7) 0.7	(0-5) 0.4	(0-5) 0.0
Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)																																	
			% Ca	% Mg	% K										% Na	% H																				
0-6" 8.2	6-24" 8.4		24.9 meq	(65-75) 85.2	(15-20) 13.7										(1-7) 0.7	(0-5) 0.4	(0-5) 0.0																			
Iron		22.3 ppm	*****	*****	*****																															
Manganese		2.8 ppm	*****	*****	**																															
Copper		0.7 ppm	*****	*****	****																															
Magnesium		409 ppm	*****	*****	*****																															
Calcium		4252 ppm	*****	*****	*****																															
Sodium		23 ppm	***																																	
Org. Matter		2.7 %	*****	*****																																
Carbonate (CCE)		5.8 %	*****	*****	*																															
Sol. Salts	0-6" 6-24"	0.32 mmho/cm 0.28 mmho/cm	***** *****	** *																																



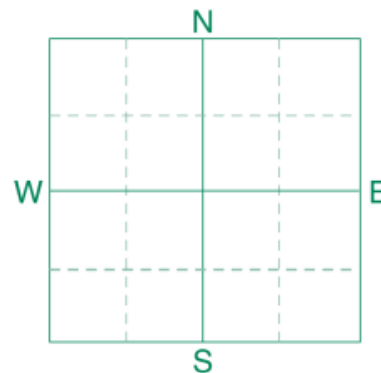
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **36 + 37**
Field Name: **Lewis**
Sample ID: **ENNS**
County: **Manitoba** Section: **21**
Township: **12** Quarter: **N**
Range: **12W** Acres: **290**
Previous Crop: **Wheat-Spring**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5870770**

Box #: **2939**

Lab #: **NW239440**

Date Sampled:

Date Received: **11/8/2025**

Date Reported: **11/10/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Corn-Grain			Corn-Grain			Corn-Grain		
Nitrate	0-6"					YIELD GOAL			YIELD GOAL			YIELD GOAL		
	6-24"					140 BU			150 BU			160 BU		
						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
	0-24"					Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
						N	103		N	115		N	127	
Phosphorus	Olsen (0-6")					P ₂ O ₅	52	Broadcast	P ₂ O ₅	56	Broadcast	P ₂ O ₅	59	Broadcast
						K ₂ O	110	Broadcast	K ₂ O	118	Broadcast	K ₂ O	126	Broadcast
						Cl		Not Available	Cl		Not Available	Cl		Not Available
Potassium						S	10	Broadcast (Trial)	S	10	Broadcast (Trial)	S	10	Broadcast (Trial)
Chloride	0-24"					B	0		B	0		B	0	
						Zn	0		Zn	0		Zn	0	
						Fe	0		Fe	0		Fe	0	
Sulfur	0-6"					Mn	0		Mn	0		Mn	0	
	6-24"					Cu	0		Cu	0		Cu	0	
						Mg	0		Mg	0		Mg	0	
Boron						Lime	0		Lime	0		Lime	0	
Zinc						Soil pH			Buffer pH			Cation Exchange Capacity		
Iron														
Manganese						20.8 meq			% Base Saturation (Typical Range)			% Ca	% Mg	% K
Copper														
Magnesium						0-6" 7.9	6-24" 8.1		(65-75) 85.2	(15-20) 13.3	(1-7) 1.1	(0-5) 0.4	(0-5) 0.0	
Calcium														
Sodium														
Org. Matter														
Carbonate (CCE)														
Sol. Salts	0-6"													
	6-24"													

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

Crop 1: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 52 K₂O = 32 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 56 K₂O = 35 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 59 K₂O = 37 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



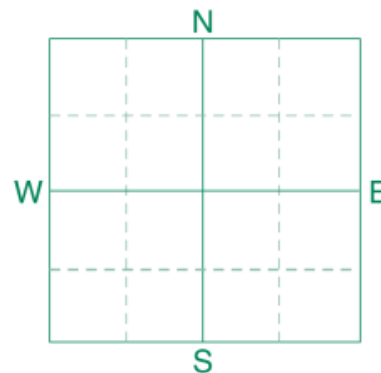
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **41**
Field Name: **Feedlot Letkeman**
Sample ID: **LETKEMAN**
County: Section: **31**
Township: **12** Quarter: **SE**
Range: **11W** Acres: **110**
Previous Crop: **Barley**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5870786**

Box #: **492**

Lab #: **NW212359**

Date Sampled:

Date Received: **10/28/2025**

Date Reported: **10/30/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice														
		VLow	Low	Med	High	Canola-bu			Canola-bu			Canola-bu														
Nitrate	0-6" 6-24"	16 lb/acre 42 lb/acre				YIELD GOAL			YIELD GOAL			YIELD GOAL														
						45 BU			50 BU			55 BU														
	0-24"	58 lb/acre				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES														
			*****	*****	*****	Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.														
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION													
						N	100		N	117		N	135													
						P ₂ O ₅	41	Broadcast	P ₂ O ₅	45	Broadcast	P ₂ O ₅	50	Broadcast												
						K ₂ O	60	Broadcast	K ₂ O	67	Broadcast	K ₂ O	74	Broadcast												
Phosphorus	Olsen (0-6")	29 ppm	*****	*****	*****	Cl		Not Available	Cl		Not Available	Cl		Not Available												
Potassium		108 ppm	*****	*****	*	S	30	Broadcast	S	30	Broadcast	S	30	Broadcast												
Chloride	0-24"	52 lb/acre	*****	*****	*****	B	1	Broadcast	B	1	Broadcast	B	1	Broadcast												
						Zn	0		Zn	0		Zn	0													
						Fe	0		Fe	0		Fe	0													
Sulfur	0-6" 6-24"	12 lb/acre 48 lb/acre	*****	****		Mn	0		Mn	0		Mn	0													
			*****	*****	*****	Cu	0		Cu	0		Cu	0													
Boron		0.5 ppm	*****	**		Mg	0		Mg	0		Mg	0													
Zinc		1.18 ppm	*****	*****	*****	Lime	0		Lime	0		Lime	0													
Iron		74.3 ppm	*****	*****	*****	Soil pH			Buffer pH			Cation Exchange Capacity			% Base Saturation (Typical Range)											
Manganese		4.8 ppm	*****	*****	*****										% Ca			% Mg			% K			% Na		
Copper		0.8 ppm	*****	*****	*****	0-6" 7.2 6-24" 8.2			12.5 meq			(65-75) 82.8			(15-20) 14.1			(1-7) 2.2			(0-5) 0.5			(0-5) 0.4		
Magnesium		212 ppm	*****	*****	****																					
Calcium		2069 ppm	*****	*****	*****																					
Sodium		13 ppm	**																							
Org. Matter		1.3 %	*****																							
Carbonate (CCE)		0.5 %	***																							
Sol. Salts	0-6" 6-24"	0.26 mmho/cm 0.22 mmho/cm	***** *****																							

General Comments: Medium-textured (CEC: 11-30 meq) Percent hydrogen is estimated from water pH, CEC corrected for exchangeable acidity.

Crop 1: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 41 K₂O = 20 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 45 K₂O = 23 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 25 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



SHUR-GRO

Farm Services Ltd.

Analysis by AGVISE Laboratories

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Northwood: (701) 587-6010

Benson: (320) 843-4109

SOIL TEST REPORT

Field ID: 42

Field Name: South Letkeman

Sample ID: LETKEMAN

County:

Township: 12

Range: 11W

Previous Crop: Barley

Section: 30

Quarter: NE

Acres: 155

W

N

E

S

SUBMITTED FOR:

DELTA COLONY

BOX R.R. 1

AUSTIN, MB R0H-0C0

Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR

PO BOX 520

MACGREGOR, MB R0H 0R0

CAN

MU2299

Ref #: 5870789

Box #: 492

Lab #: NW212360

Date Sampled:

Date Received: 10/28/2025

Date Reported: 10/30/2025

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice					
		VLow	Low	Med	High	Canola-bu			Canola-bu			Canola-bu					
Nitrate	0-6"					YIELD GOAL			YIELD GOAL			YIELD GOAL					
	6-24"					45 BU			50 BU			55 BU					
						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES					
	0-24"					Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.					
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION				
						N	124		N	141		N	159				
Phosphorus	Olsen					P ₂ O ₅	74	Broadcast	P ₂ O ₅	82	Broadcast	P ₂ O ₅	90	Broadcast			
	(0-6")					K ₂ O	85	Broadcast	K ₂ O	94	Broadcast	K ₂ O	103	Broadcast			
Potassium						Cl		Not Available	Cl		Not Available	Cl		Not Available			
						S	15	Broadcast	S	15	Broadcast	S	15	Broadcast			
Chloride						B	0		B	0		B	0				
	0-24"					Zn	0		Zn	0		Zn	0				
						Fe	0		Fe	0		Fe	0				
Sulfur	0-6"					Mn	0		Mn	0		Mn	0				
	6-24"					Cu	0		Cu	0		Cu	0				
Boron						Mg	0		Mg	0		Mg	0				
Zinc						Lime	0		Lime	0		Lime	0				
Iron						Soil pH			Buffer pH			Cation Exchange Capacity					
Manganese																	
Copper						25.9 meq			% Base Saturation (Typical Range)								
Magnesium																	
Calcium						82.9			% Ca			% Mg					
Sodium																	
Org. Matter						15.9			(15-20)			(1-7)					
Carbonate (CCE)																	
Sol. Salts	0-6"					0.8			0.4			0.0					
	6-24"																

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

Crop 1: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 41 K₂O = 20 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 45 K₂O = 23 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 25 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



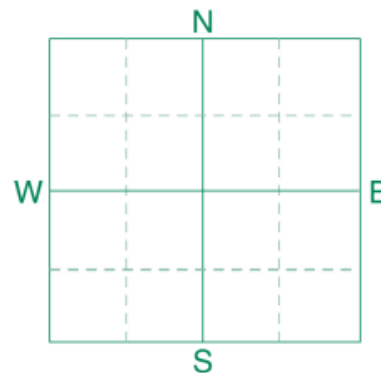
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Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **19**
Field Name: **Railroad**
Sample ID: **RAILROAD**
County: Section: **29**
Township: **12** Quarter: **NE**
Range: **12W** Acres: **150**
Previous Crop: **Soybeans**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **5992327**

Box #: **1947**

Lab #: **NW229956**

Date Sampled:

Date Received: **11/4/2025**

Date Reported: **11/5/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		V	Low	Med	High	Wheat-Spring			Wheat-Spring			Wheat-Spring		
Nitrate	0-6"					YIELD GOAL			YIELD GOAL			YIELD GOAL		
	6-24"					70 BU			75 BU			80 BU		
						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
	0-24"					Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
						N	154		N	168		N	181	
Phosphorus	Olsen					P ₂ O ₅	44	Broadcast	P ₂ O ₅	47	Broadcast	P ₂ O ₅	50	Broadcast
	(0-6")					K ₂ O	121	Broadcast	K ₂ O	130	Broadcast	K ₂ O	139	Broadcast
Potassium						Cl	0		Cl	0		Cl	0	
Chloride						S	0		S	0		S	0	
	0-24"					B	0		B	0		B	0	
						Zn	0		Zn	0		Zn	0	
						Fe	0		Fe	0		Fe	0	
Sulfur	0-6"					Mn	0		Mn	0		Mn	0	
	6-24"					Cu	2	Broadcast (Trial)	Cu	2	Broadcast (Trial)	Cu	2	Broadcast (Trial)
Boron						Mg	0		Mg	0		Mg	0	
Zinc						Lime	0		Lime	0		Lime	0	
Iron						Soil pH			Buffer pH			Cation Exchange Capacity		
Manganese														
Copper						24.8 meq			% Base Saturation (Typical Range)			% Ca	% Mg	% K
Magnesium														
Calcium						0-6" 8.1			(65-75)			(15-20)	(1-7)	(0-5)
Sodium														
Org. Matter						6-24" 8.3			87.5			0.7	0.3	0.0
Carbonate (CCE)														
Sol. Salts	0-6"					24.8 meq			% Base Saturation (Typical Range)			% Ca	% Mg	% K
	6-24"													

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

Crop 1: 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 Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: 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 = 47 K₂O = 28 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: Previous crop nitrogen credit: 15 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 30 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



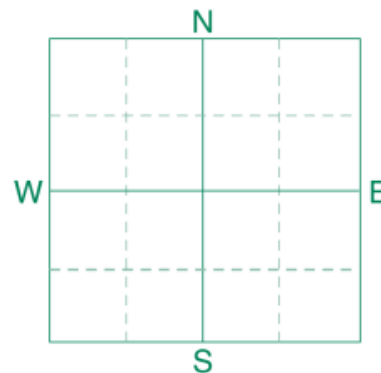
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Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **43**
Field Name: **Klassen Field**
Sample ID: **EAST CARBE**
County: **11W** Section: **29**
Township: **12** Quarter: **W**
Range: Acres: **320**
Previous Crop: **Corn-Grain**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **6009013**

Box #: **2838**

Lab #: **NW239707**

Date Sampled:

Date Received: **11/8/2025**

Date Reported: **11/10/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Canola-bu			Canola-bu			Canola-bu		
Nitrate	0-6"					YIELD GOAL			YIELD GOAL			YIELD GOAL		
	6-24"					45 BU			50 BU			55 BU		
						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
	0-24"					Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
						N	123		N	140		N	158	
Phosphorus	Olsen (0-6")					P ₂ O ₅	82	Broadcast	P ₂ O ₅	91	Broadcast	P ₂ O ₅	100	Broadcast
						K ₂ O	54	Broadcast	K ₂ O	60	Broadcast	K ₂ O	66	Broadcast
Potassium						Cl		Not Available	Cl		Not Available	Cl		Not Available
						S	15	Broadcast	S	15	Broadcast	S	15	Broadcast
Chloride	0-24"					B	0		B	0		B	0	
						Zn	0		Zn	0		Zn	0	
						Fe	0		Fe	0		Fe	0	
Sulfur	0-6"					Mn	0		Mn	0		Mn	0	
	6-24"					Cu	0		Cu	0		Cu	0	
Boron						Mg	0		Mg	0		Mg	0	
Zinc						Lime	0		Lime	0		Lime	0	
Iron						Soil pH			Buffer pH			Cation Exchange Capacity		
Manganese														
Copper						25.8 meq			% Base Saturation (Typical Range)			% Ca		
Magnesium														
Calcium						8.0			83.1			15.1		
Sodium														
Org. Matter						8.4			15.1			1.1		
Carbonate (CCE)														
Sol. Salts	0-6"					0.6 mmho/cm			0.43 mmho/cm			0.6		
	6-24"													

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

Crop 1: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 41 K₂O = 20 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 2: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 45 K₂O = 23 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

Crop 3: Limited data on crop response to chloride. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 50 K₂O = 25 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



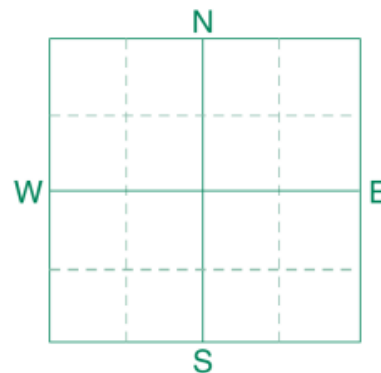
SHUR-GRO

Farm Services Ltd.

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

SOIL TEST REPORT

Field ID: **22**
Field Name: **Garden Shal**
Sample ID: **EAST CARBE**
County: Section: **3**
Township: **13** Quarter: **N**
Range: **12** Acres: **290**
Previous Crop: **Corn-Grain**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **6009021**

Box #: **2866**

Lab #: **NW239708**

Date Sampled:

Date Received: **11/8/2025**

Date Reported: **11/10/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Barley			Barley			Barley		
Nitrate	0-6"	23 lb/acre				YIELD GOAL			YIELD GOAL			YIELD GOAL		
	6-24"	45 lb/acre				80 BU			85 BU			90 BU		
	0-24"	68 lb/acre				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
			*****	*****	*****	Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
						N	56		N	64		N	72	
						P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	15	Band (Starter)*
						K ₂ O	46	Broadcast	K ₂ O	49	Broadcast	K ₂ O	52	Broadcast
Phosphorus	Olsen (0-6")	52 ppm	*****	*****	*****	Cl	0		Cl	0		Cl	0	
Potassium		152 ppm	*****	*****	*****	S	0		S	0		S	0	
Chloride	0-24"	324 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		2.0 ppm	*****	*****	*****	Mg	0		Mg	0		Mg	0	
Zinc		4.63 ppm	*****	*****	*****	Lime	0		Lime	0		Lime	0	
Iron		12.8 ppm	*****	*****	*****	Soil pH			Buffer pH			Cation Exchange Capacity		
Manganese		2.2 ppm	*****	*****	*****									
Copper		1.09 ppm	*****	*****	*****	0-6" 8.2 6-24" 8.3			26.7 meq			% Base Saturation (Typical Range)		
Magnesium		653 ppm	*****	*****	*****							% Ca	% Mg	% K
Calcium		4096 ppm	*****	*****	*****							(65-75)	(15-20)	(1-7)
Sodium		84 ppm	*****	*****	*****							(0-5)	(0-5)	(0-5)
Org. Matter		2.8 %	*****	*****	*****							1.4	1.5	0.0
Carbonate (CCE)		5.1 %	*****	*****	*****									
Sol. Salts	0-6"	0.58 mmho/cm	*****	*****	**									
	6-24"	0.81 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 = 38 K₂O = 40 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high 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 = 40 K₂O = 43 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.

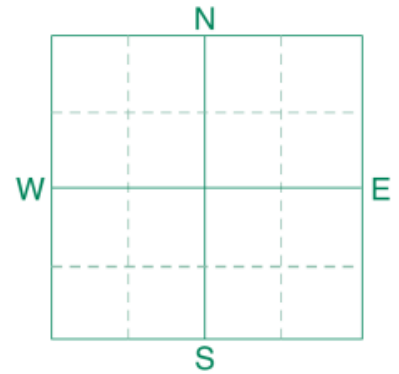
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P₂O₅ = 42 K₂O = 45 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.



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

SOIL TEST REPORT

Field ID: **23**
Field Name: **Shalenburg**
Sample ID: **EAST CARBE**
County: Section: **10**
Township: **13** Quarter: **N**
Range: **12W** Acres: **320**
Previous Crop: **Corn-Grain**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **6009024**
Box #: **2866**
Lab #: **NW239710**

Date Sampled:

Date Received: **11/8/2025**

Date Reported: **11/10/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice			
		VLow	Low	Med	High	Barley			Barley			Barley			
Nitrate	0-6" 6-24"						YIELD GOAL			YIELD GOAL			YIELD GOAL		
						80 BU			85 BU			90 BU			
	0-24"					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
			*****	*****	*****	Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.			
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		
						N	10		N	10		N	10		
						P ₂ O ₅	38	Broadcast	P ₂ O ₅	40	Broadcast	P ₂ O ₅	42	Broadcast	
						K ₂ O	66	Broadcast	K ₂ O	70	Broadcast	K ₂ O	74	Broadcast	
Phosphorus	Olsen (0-6")	31 ppm	*****	*****	*****	*****	Cl	0		Cl	0		Cl	0	
Potassium		128 ppm	*****	*****	***	S	0		S	0		S	0		
Chloride	0-24"	308 lb/acre	*****	*****	*****	*****	B	0		B	0		B	0	
							Zn	0		Zn	0		Zn	0	
							Fe	0		Fe	0		Fe	0	
Sulfur	0-6" 6-24"	48 lb/acre 180 lb/acre	***** *****	***** *****	***** *****	Mn	0		Mn	0		Mn	0		
						Cu	0		Cu	0		Cu	0		
Boron		2.1 ppm	*****	*****	*****	*****	Mg	0		Mg	0		Mg	0	
Zinc		4.18 ppm	*****	*****	*****	*****	Lime	0		Lime	0		Lime	0	
Iron		13.7 ppm	*****	*****	*****	*****	Soil pH		Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
Manganese		2.4 ppm	*****	*****	*****	*					% Ca	% Mg	% K	% Na	% H
Copper		0.83 ppm	*****	*****	*****		0-6" 8.1 6-24" 8.3		25.9 meq		(65-75) 82.6	(15-20) 15.5	(1-7) 1.3	(0-5) 0.7	(0-5) 0.0
Magnesium		480 ppm	*****	*****	*****	*****									
Calcium		4274 ppm	*****	*****	*****	*****									
Sodium		39 ppm	*****												
Org. Matter		2.7 %	*****	*****											
Carbonate (CCE)		7.5 %	*****	*****	*****	***									
Sol. Salts	0-6" 6-24"	0.44 mmho/cm 0.44 mmho/cm	***** *****	**** ****											



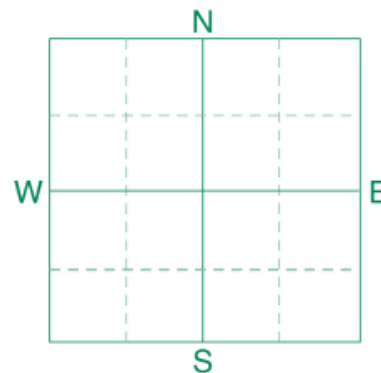
SHUR-GRO

Farm Services Ltd.

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SOIL TEST REPORT

Field ID: **5**
Field Name: **Enns**
Sample ID: **ENNS**
County: Section: **9**
Township: **13** Quarter: **SE**
Range: **12W** Acres: **160**
Previous Crop: **Corn-Grain**



SUBMITTED FOR:

DELTA COLONY
BOX R.R. 1
AUSTIN, MB R0H-0C0
Canada

SUBMITTED BY:

SHUR-GRO FARM-MACGREGOR **MU2299**
PO BOX 520
MACGREGOR, MB R0H 0R0
CAN

Ref #: **6009026**

Box #: **2810**

Lab #: **NW239711**

Date Sampled:

Date Received: **11/8/2025**

Date Reported: **11/10/2025**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Barley			Barley			Barley		
						YIELD GOAL			YIELD GOAL			YIELD GOAL		
						80 BU			85 BU			90 BU		
						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
						Broadcast/Maint.			Broadcast/Maint.			Broadcast/Maint.		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
Nitrate	0-6"					N	10		N	10		N	10	
	6-24"					P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	15	Band (Starter)*
						K ₂ O	79	Broadcast	K ₂ O	84	Broadcast	K ₂ O	89	Broadcast
	0-24"					Cl	0		Cl	0		Cl	0	
						S	0		S	0		S	0	
Olsen Phosphorus (0-6")	43 ppm	*****	*****	*****	*****	B	0		B	0		B	0	
Potassium	111 ppm	*****	*****	*		Zn	0		Zn	0		Zn	0	
Chloride	432 lb/acre	*****	*****	*****	*****	Fe	0		Fe	0		Fe	0	
Sulfur	0-6"	120 +lb/acre	*****	*****	*****	Mn	0		Mn	0		Mn	0	
	6-24"	270 lb/acre	*****	*****	*****	Cu	2	Broadcast (Trial)	Cu	2	Broadcast (Trial)	Cu	2	Broadcast (Trial)
Boron	3.4 ppm	*****	*****	*****	*****	Mg	0		Mg	0		Mg	0	
Zinc	3.79 ppm	*****	*****	*****	*****	Lime	0		Lime	0		Lime	0	
Iron	13.4 ppm	*****	*****	*****	*****	Soil pH			Buffer pH			Cation Exchange Capacity		
Manganese	2.2 ppm	*****	*****	*****	*****									
Copper	0.75 ppm	*****	*****	*****	*****	0-6" 8.1 6-24" 8.5			30.3 meq			% Base Saturation (Typical Range)		
Magnesium	668 ppm	*****	*****	*****	*****							% Ca	% Mg	% K
Calcium	4846 ppm	*****	*****	*****	*****							(65-75)	(15-20)	(1-7)
Sodium	59 ppm	*****	***									(0-5)	(0-5)	(0-5)
Org. Matter	4.5 %	*****	*****	*****	*****							0.8	0.8	0.0
Carbonate (CCE)	18.5 %	*****	*****	*****	*****									
Sol. Salts	0-6"	0.69 mmho/cm	*****	*****	***									
	6-24"	0.37 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 = 38 K₂O = 40 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high 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 = 40 K₂O = 43 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high 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 = 42 K₂O = 45 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them.