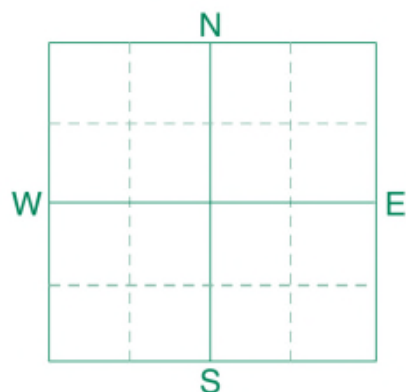




SOIL TEST REPORT

FIELD ID **DPS1**
SAMPLE ID **DPS1F2023**
FIELD NAME**S1**
COUNTY
TWP RANGE
 RL-
SECTION QTR**0558/0556- ACRES 35**
AG




SUBMITTED BY: **S07394**
SHUR-GRO-NIVERVILLE
21039 PREFONTAINE RD
PO BOX 642
NIVERVILLE, MB **R0A 1E0**

REF #	4148404	BOX #	1050
LAB #	NW68094		

Date Reported **09/05/2023**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice				
Nitrate	0-6" 6-24"	16 lb/acre 15 lb/acre	VLow	Low	Med	High	Canola-bu			Soybeans			Wheat-Spring			
							YIELD GOAL			YIELD GOAL			YIELD GOAL			
	0-24''	31 lb/acre	*****				44 BU			40 BU			70 BU			
			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES							
			Band/Maint.			Band/Maint.			Band/Maint.							
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION					
Phosphorus	Olsen	36 ppm	*****				N	123		N	***		N	158		
Potassium		406 ppm	*****				P ₂ O ₅	40	Band *	P ₂ O ₅	30	Band *	P ₂ O ₅	44	Band *	
Chloride	0-24''	56 lb/acre	*****				K ₂ O	0		K ₂ O	0		K ₂ O	10	Band (Starter)*	
			*****			Cl		Not Available	Cl	0		Cl	0			
Sulfur	0-6" 6-24"	22 lb/acre 54 lb/acre	*****				S	15	Band	S	5	Band (Trial)	S	5	Band (Trial)	
Boron		0.9 ppm	*****				B	0		B	0		B	0		
Zinc		2.79 ppm	*****				Zn	0		Zn	0		Zn	0		
Iron		34.8 ppm	*****				Fe	0		Fe	0		Fe	0		
Manganese		3.1 ppm	*****				Mn	0		Mn	0		Mn	0		
Copper		1.55 ppm	*****				Cu	0		Cu	0		Cu	0		
Magnesium		1246 ppm	*****				Mg	0		Mg	0		Mg	0		
Calcium		4922 ppm	*****				Lime			Lime			Lime			
Sodium		55 ppm	*****				Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)						
Org.Matter		5.9 %	*****							% Ca	% Mg	% K	% Na	% H		
Carbonate(CCE)		0.1 %	*													
Sol. Salts	0-6" 6-24"	0.57 mmho/cm 0.52 mmho/cm	*****							0-6" 7.6		36.3 meq	(65-75) 67.8	(15-20) 28.6	(1-7) 2.9	(0-5) 0.7
			*****				6-24" 7.5									

Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* 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.



SHUR-GRO

Farm Services

Soil Analysis by Agvise Laboratories

(<http://www.agvise.com>)

Northwood: (701) 587-6010

Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID

RL-550-552-AG

SAMPLE ID

DPS52024

FIELD NAME

S5

COUNTY

TWP

RANGE

RL-550-552

SECTION

QTR

ACRES

160

SUBMITTED FOR:

DP Wiebe & Sons

SUBMITTED BY:

S07394

KEY CROP

Wheat

SHUR-GRO-NIVERVILLE

21039 PREFONTAINE RD

PO BOX 642

NIVERVILLE, MB

R0A 1E0

REF #

5186003

BOX #

1834

LAB #

NW63969

Date Sampled

Date Received 08/27/2024

Date Reported 08/28/2024

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice					
Nitrate	0-6"	9 lb/acre	V	L	M	H	Canola-bu			Corn-Grain			Soybeans				
	6-24"	6 lb/acre					YIELD GOAL			YIELD GOAL			YIELD GOAL				
			*****				44 BU			160 BU			40 BU				
	0-24"	15 lb/acre					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES				
Phosphorus	Olsen	57 ppm	*****				Band/Maint.			Band/Maint.			Band/Maint.				
	Potassium	468 ppm	*****				LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	APPLICATION
							N	139		N	177		N	***			
							P ₂ O ₅	10	Band (Starter)*	P ₂ O ₅	15	Band (2x2)*	P ₂ O ₅	10	Band (Starter)*		
Chloride	0-24"	36 lb/acre	*****				K ₂ O	0		K ₂ O	10	Band (2x2)*	K ₂ O	0			
	0-6"	22 lb/acre	*****				Cl		Not Available	Cl		Not Available	Cl	0			
	6-24"	54 lb/acre	*****				S	15	Band	S	5	Band (Trial)	S	5	Band (Trial)		
	Sulfur						B	1	Broadcast	B	0		B	0			
Boron		0.7 ppm	*****				Zn	0		Zn	0		Zn	0			
Zinc		6.39 ppm	*****				Fe	0		Fe	0		Fe	0			
Iron		162.3 ppm	*****				Mn	0		Mn	0		Mn	0			
Manganese		2.9 ppm	*****				Cu	0		Cu	0		Cu	0			
Copper		2.95 ppm	*****				Mg	0		Mg	0		Mg	0			
Magnesium		1524 ppm	*****				Lime	0		Lime	0		Lime	0			
Calcium		4611 ppm	*****				Soil pH			Cation Exchange Capacity			% Base Saturation (Typical Range)				
Sodium		94 ppm	*****				Buffer pH						% Ca	% Mg	% K	% Na	% H
Org.Matter		8.4 %	*****				0-6"	6.4		41.5 meq			(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
Carbonate(CCE)		0.0 %	*****				6-24"	7.0					55.5	30.6	2.9	1.0	10.0
Sol. Salts	0-6"	0.43 mmho/cm	*****														
	6-24"	0.6 mmho/cm	*****														

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

Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury. * May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 40 K2O = 20 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

Crop 2: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury. * May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 59 K2O = 37 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 = 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.



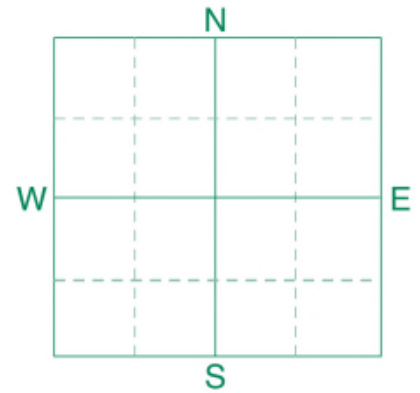
SHUR-GRO

Farm Services

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

SOIL TEST REPORT

FIELD ID **DPS8**
SAMPLE ID **DPS8Fall2023**
FIELD NAME **S8**
COUNTY
TWP RANGE
RL-
SECTION QTR **0544-** ACRES **185**
AG



SUBMITTED FOR:
DP Wiebe & Sons

SUBMITTED BY: **S07394**
SHUR-GRO-NIVERVILLE
21039 PREFONTAINE RD
PO BOX 642
NIVERVILLE, MB **ROA 1E0**

REF # **4121138** BOX # **5828**
LAB # **NW55751**

Date Sampled

Date Received **08/20/2023**

Date Reported **08/21/2023**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice							
Nitrate	0-6" 6-24"	18 lb/acre 24 lb/acre	42 lb/acre	VLow	Low	Med	High	Canola-bu			Corn-Grain			Wheat-Spring					
								YIELD GOAL			YIELD GOAL			YIELD GOAL					
				*****	*****	*****		40 BU			135 BU			70 BU					
								SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES					
								Band/Maint.			Band/Maint.			Band/Maint.					
								LB/ACRE	APPLICATION			LB/ACRE	APPLICATION			LB/ACRE	APPLICATION		
Phosphorus	Olsen	35 ppm		*****	*****	*****	*****	N	83			N	90			N	132		
Potassium		517 ppm		*****	*****	*****	*****	P ₂ O ₅	36	Band *		P ₂ O ₅	50	Band *		P ₂ O ₅	44	Band *	
Chloride	0-24"	100 lb/acre		*****	*****	*****	*****	K ₂ O	0			K ₂ O	10	Band (2x2) *		K ₂ O	10	Band (Starter)*	
Sulfur	0-6" 6-24"	24 lb/acre 90 lb/acre		*****	*****	*****	*****	Cl		Not Available		Cl		Not Available		Cl	0		
Boron		0.8 ppm		*****	*****			S	15	Band		S	0			S	0		
Zinc		2.03 ppm		*****	*****	*****	*****	B	1	Broadcast		B	0			B	0		
Iron		83.3 ppm		*****	*****	*****	*****	Zn	0			Zn	0			Zn	0		
Manganese		2.5 ppm		*****	*****	*****	*	Fe	0			Fe	0			Fe	0		
Copper		2.54 ppm		*****	*****	*****	*****	Mn	0			Mn	0			Mn	0		
Magnesium		1510 ppm		*****	*****	*****	*****	Cu	0			Cu	0			Cu	0		
Calcium		4349 ppm		*****	*****	*****	*****	Mg	0			Mg	0			Mg	0		
Sodium		77 ppm		*****	*****			Lime				Lime				Lime			
Org.Matter		5.5 %		*****	*****	*****	*****	Soil pH			Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Carbonate(CCE)		0.3 %		**													% Ca	% Mg	% K
Sol. Salts	0-6" 6-24"	0.55 mmho/cm 0.66 mmho/cm		*****	*****	*****	*****	0-6" 7.0 6-24" 7.6			36.6 meq	(65-75) 59.5	(15-20) 34.4	(1-7) 3.6	(0-5) 0.9	(0-5) 1.6			

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

Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* 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 = 36 K2O = 18 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: 30 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 50 K2O = 31 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

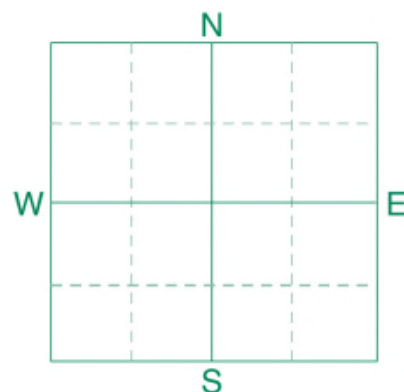
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 15 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 44 K2O = 26 AGVISE Band/Maintenance guideline 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 **DPS10**
SAMPLE ID **manure**
FIELD NAME **S10**
COUNTY
TWP RANGE
RL-
SECTION QTR **0554/0556**- ACRES 135



SUBMITTED FOR:
DP Wiebe & Sons

SUBMITTED BY: **S07394**
SHUR-GRO-NIVERVILLE
21039 PREFONTAINE RD
PO BOX 642
NIVERVILLE, MB **ROA 1E0**

REF # **3852887** BOX # **5804**
LAB # **NW139573**

Date Sampled

Date Received **10/08/2022**

Date Reported **10/11/2022**


Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice				
Nitrate	0-6" 6-24"	16 lb/acre 39 lb/acre	VLow	Low	Med	High	Corn-Grain			Soybeans			Wheat-Spring			
							YIELD GOAL			YIELD GOAL			YIELD GOAL			
	0-24"	55 lb/acre	*****				160 BU			40 BU			70 BU			
							SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
							Band/Maint.			Band/Maint.			Band/Maint.			
			LB/ACRE		APPLICATION		LB/ACRE		APPLICATION		LB/ACRE		APPLICATION			
Olsen	38 ppm	*****				N	137		N	***		N	134			
Phosphorus						P ₂ O ₅	59	Band *	P ₂ O ₅	30	Band *	P ₂ O ₅	44	Band *		
Potassium		297 ppm	*****				K ₂ O	10	Band (2x2) *	K ₂ O	0		K ₂ O	10	Band (Starter)*	
Chloride	0-24"	20 lb/acre	*****				Cl		Not Available	Cl	0		Cl	20	Broadcast	
	0-6" 6-24"	20 lb/acre 48 lb/acre	*****				S	5	Band (Trial)	S	5	Band (Trial)	S	5	Band (Trial)	
Sulfur						B	0		B	0		B	0			
Boron		1.7 ppm	*****				Zn	0		Zn	0		Zn	0		
Zinc		1.35 ppm	*****				Fe	0		Fe	0		Fe	0		
Iron		8.9 ppm	*****				Mn	0		Mn	0		Mn	0		
Manganese		2.9 ppm	*****				Cu	0		Cu	0		Cu	0		
Copper		1.27 ppm	*****				Mg	0		Mg	0		Mg	0		
Magnesium		965 ppm	*****				Lime			Lime			Lime			
Calcium		4592 ppm	*****													
Sodium		12 ppm	**													
Org.Matter		5.7 %	*****				Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)						
Carbonate(CCE)		11.5 %	*****							% Ca	% Mg	% K	% Na	% H		
Sol. Salts	0-6" 6-24"	0.47 mmho/cm 0.46 mmho/cm	*****				0-6" 8.2 6-24" 8.2		31.8 meq	(65-75) 72.2	(15-20) 25.3	(1-7) 2.4	(0-5) 0.2	(0-5) 0.0		

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

Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury. * May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 59 K2O = 37 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 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: 44 lb potassium chloride (0-0-60-50Cl) = 20 lb chloride. *CAUTION: Seed-placed fertilizer can cause injury. * 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.



SHUR-GRO

Farm Services

Soil Analysis by Agvise Laboratories

(<http://www.agvise.com>)

Northwood: (701) 587-6010

Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID N-32-6-3E

SAMPLE ID DPS112024

FIELD NAMES11

COUNTY

TWP 6

RANGE 3E

N-32-

SECTION 32

QTR 06-03E

ACRES 330

W

N

E

S

SUBMITTED FOR:

DP Wiebe & Sons

SUBMITTED BY: S07394

SHUR-GRO-NIVERVILLE

21039 PREFONTAINE RD

PO BOX 642

NIVERVILLE, MB

ROA 1E0

REF # 5199039

BOX # 2879

LAB # NW73058

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					
Nitrate	0-6"	19 lb/acre	VLow	Low	Med	High	Corn-Grain			Soybeans			Wheat-Spring				
	6-24"	9 lb/acre					YIELD GOAL			YIELD GOAL			YIELD GOAL				
			*****				160 BU			40 BU			70 BU				
	0-24"	28 lb/acre					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES				
							Band/Maint.			Band/Maint.			Band/Maint.				
	Olsen	30 ppm					LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Phosphorus							N	164		N	***		N	161			
Potassium		531 ppm					P ₂ O ₅	59	Band *	P ₂ O ₅	30	Band *	P ₂ O ₅	44	Band *		
Chloride	0-24"	84 lb/acre					K ₂ O	10	Band (2x2) *	K ₂ O	0		K ₂ O	10	Band (Starter) *		
	0-6"	40 lb/acre					Cl		Not Available	Cl	0		Cl	0			
Sulfur	6-24"	102 lb/acre					S	0		S	0		S	0			
Boron		1.1 ppm					B	0		B	0		B	0			
Zinc		1.97 ppm					Zn	0		Zn	0		Zn	0			
Iron		71.5 ppm					Fe	0		Fe	0		Fe	0			
Manganese		2.6 ppm					Mn	0		Mn	0		Mn	0			
Copper		2.04 ppm					Cu	0		Cu	0		Cu	0			
Magnesium		1331 ppm					Mg	0		Mg	0		Mg	0			
Calcium		5431 ppm					Lime			Lime			Lime				
Sodium		47 ppm															
Org.Matter		6.9 %					Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)							
Carbonate(CCE)		0.6 %								% Ca	% Mg	% K	% Na	% H			
	0-6"	0.74 mmho/cm					0-6" 7.1		40.2 meq	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)			
Sol. Salts	6-24"	0.69 mmho/cm					6-24" 7.5			67.6	27.6	3.4	0.5	0.9			

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

Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury. * May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 59 K2O = 37 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

Crop 2: *CAUTION: Seed-placed fertilizer can cause injury. * May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is moderate, based on soil carbonate and salinity. Crop nutrient removal: P2O5 = 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: *CAUTION: Seed-placed fertilizer can cause injury. * 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.



SHUR-GRO

Farm Services

Soil Analysis by Agvise Laboratories

(<http://www.agvise.com>)

Northwood: (701) 587-6010

Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID

SW-5-7-3E

SAMPLE ID

DPS122024

FIELD NAMES

S12

COUNTY

TWP

7

RANGE

3E

SECTION

5

QTR

SW-5-7-3E

ACRES

80

PREV. CROP

Wheat-Spring

SUBMITTED FOR:

DP Wiebe & Sons

SUBMITTED BY:

S07394

SHUR-GRO-NIVERVILLE

21039 PREFONTAINE RD

PO BOX 642

NIVERVILLE, MB

ROA 1E0

REF #

5211515

BOX #

3600

LAB #

NW81008

W

N

E

S

Date Sampled

Date Received 09/10/2024

Date Reported 09/11/2024

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice				
Nitrate	0-6" 6-24"	4 lb/acre 6 lb/acre	VLow	Low	Med	High	Canola-bu			Wheat-Spring			Corn-Grain			
			****				YIELD GOAL			YIELD GOAL			YIELD GOAL			
	0-24"	10 lb/acre					44 BU			70 BU			160 BU			
			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES							
			Band/Maint.			Band/Maint.			Band/Maint.							
			LB/ACRE		APPLICATION	LB/ACRE		APPLICATION	LB/ACRE		APPLICATION					
Olsen	8 ppm	*****	*****			N	144		N	179		N	182			
Phosphorus		447 ppm	*****	*****	*****	*****	P ₂ O ₅	40	Band *	P ₂ O ₅	44	Band *	P ₂ O ₅	59	Band *	
Chloride	0-24"	80 lb/acre	*****	*****	*****	*****	K ₂ O	0		K ₂ O	10	Band (Starter)*	K ₂ O	10	Band (2x2) *	
			*****	*****	*****	*****	Cl		Not Available	Cl	0		Cl		Not Available	
Sulfur	0-6" 6-24"	58 lb/acre 108 lb/acre	*****	*****	*****	*****	S	10	Band	S	0		S	0		
Boron		1.0 ppm	*****	*****			B	0		B	0		B	0		
Zinc		0.74 ppm	*****	*****			Zn	0		Zn	0		Zn	1	Band	
Iron		110.6 ppm	*****	*****	*****	*****	Fe	0		Fe	0		Fe	0		
Manganese		1.0 ppm	*****	*****			Mn	2	Band	Mn	2	Band	Mn	2	Band	
Copper		2.61 ppm	*****	*****	*****	*****	Cu	0		Cu	0		Cu	0		
Magnesium		1952 ppm	*****	*****	*****	*****	Mg	0		Mg	0		Mg	0		
Calcium		7184 ppm	*****	*****	*****	*****	Lime			Lime			Lime			
Sodium		98 ppm	*****	*****												
Org.Matter		5.7 %	*****	*****	*****	*****	Soil pH		Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)				
Carbonate(CCE)		1.9 %	*****									% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 6-24"	0.99 mmho/cm 0.88 mmho/cm	*****	*****	*****	*****	0-6" 7.1			54.3 meq		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
			*****	*****	*****	6-24" 7.6					66.2	30.0	2.1	0.8	0.9	

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

Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 40 K2O = 20 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.

Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* 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 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 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 ID10

SAMPLE ID

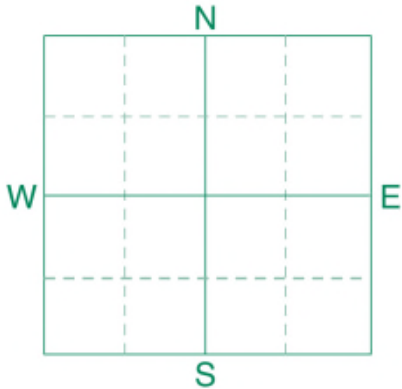
FIELD NAMESL-00N to 00O-RR (N)

COUNTYDe Salaberry

TWPRANGE

SECTIONQTRACRES100

PREV. CROPSoybeans



SUBMITTED FOR:

Tourond Farms Ltd

Box 156

Niverville, MB

ROA 1E0

SUBMITTED BY: PR2421

PRAIRIE SKY AVIATION

BOX 309

NIVERVILLE, MB

ROA 1E0

REF #5285420

BOX #1018

LAB #NW142998

Date Sampled10/02/2024

Date Received10/03/2024

Date Reported10/07/2024

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice				
Nitrate	0-6" 6-24"	7 lb/acre 3 lb/acre	****			Corn-Grain			Corn-Grain			Corn-Grain				
						YIELD GOAL			YIELD GOAL			YIELD GOAL				
	0-24"	10 lb/acre		160 BU			170 BU			180 BU						
				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES						
				Band			Band			Band						
				LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION							
Olsen	23 ppm	*****				N	152		N	164		N	176			
Phosphorus		317 ppm	*****			P ₂ O ₅	15	Band (2x2) *	P ₂ O ₅	15	Band (2x2) *	P ₂ O ₅	15	Band (2x2) *		
Potassium						K ₂ O	10	Band (2x2) *	K ₂ O	10	Band (2x2) *	K ₂ O	10	Band (2x2) *		
Chloride						Cl			Cl			Cl				
	0-6" 6-24"	14 lb/acre 180 lb/acre	*****			S	0		S	0		S	0			
Sulfur		1.2 ppm	*****			B	0		B	0		B	0			
Boron		0.88 ppm	*****			Zn	1	Band	Zn	2	Band	Zn	2	Band		
Zinc		20.6 ppm	*****			Fe	0		Fe	0		Fe	0			
Iron		1.5 ppm	*****			Mn	0		Mn	0		Mn	0			
Manganese		1.31 ppm	*****			Cu	0		Cu	0		Cu	0			
Copper		1473 ppm	*****			Mg	0		Mg	0		Mg	0			
Magnesium		6235 ppm	*****			Lime			Lime			Lime				
Calcium		39 ppm	*****													
Sodium		5.4 %	*****			Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)							
Org.Matter			*****						% Ca	% Mg	% K	% Na	% H			
Carbonate(CCE)			*****			0-6" 8.1 6-24" 8.4		44.4 meq	(65-75) 70.2	(15-20) 27.6	(1-7) 1.8	(0-5) 0.4	(0-5) 0.0			
	0-6" 6-24"	0.44 mmho/cm 0.64 mmho/cm	*****													
Sol. Salts			*****													

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

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

Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 30 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 63 K2O = 39 AGVISE Band guideline will build P & K test levels to the medium range over several years.

Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 30 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 67 K2O = 41 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID11

SAMPLE ID

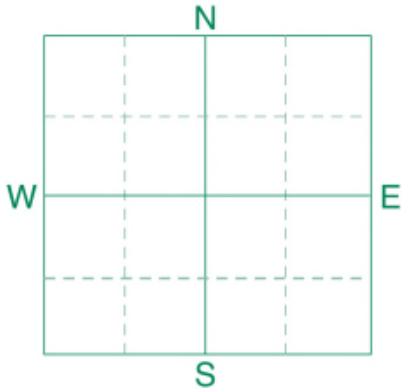
FIELD NAMESL-00L to 00M-RR (S)

COUNTYDe Salaberry

TWPRANGE

SECTIONQTRACRES92

PREV. CROPSoybeans



SUBMITTED FOR:

Tourond Farms Ltd

Box 156

Niverville, MB

ROA 1E0

SUBMITTED BY: PR2421

PRAIRIE SKY AVIATION

BOX 309

NIVERVILLE, MB

ROA 1E0

REF #5285418

BOX #1063

LAB #NW142996

Date Sampled10/02/2024

Date Received10/03/2024

Date Reported10/07/2024

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice					
Nitrate	0-6" 6-24"	7 lb/acre 9 lb/acre	V	Low	Med	High	Corn-Grain			Corn-Grain			Corn-Grain				
							YIELD GOAL			YIELD GOAL			YIELD GOAL				
	0-24"	16 lb/acre	*****				160 BU			170 BU			180 BU				
			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES								
			Band			Band			Band								
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION									
Olsen	20 ppm	*****	*****	*****	*****	N	146		N	158		N	170				
Phosphorus		377 ppm	*****	*****	*****	P ₂ O ₅	15	Band (2x2) *	P ₂ O ₅	15	Band (2x2) *	P ₂ O ₅	15	Band (2x2) *			
Potassium						K ₂ O	10	Band (2x2) *	K ₂ O	10	Band (2x2) *	K ₂ O	10	Band (2x2) *			
Chloride						Cl			Cl			Cl					
Sulfur	0-6" 6-24"	70 lb/acre 84 lb/acre	*****	*****	*****	*****	S	0		S	0		S	0			
			*****	*****	*****	*****	B	0		B	0		B	0			
Boron		1.2 ppm	*****	*****	*****	Zn	0		Zn	1	Band	Zn	1	Band			
Zinc		1.29 ppm	*****	*****	*****	Fe	0		Fe	0		Fe	0				
Iron		43.6 ppm	*****	*****	*****	Mn	0		Mn	0		Mn	0				
Manganese		2.4 ppm	*****	*****	*****	Cu	0		Cu	0		Cu	0				
Copper		1.86 ppm	*****	*****	*****	Mg	0		Mg	0		Mg	0				
Magnesium		1619 ppm	*****	*****	*****	Lime			Lime			Lime					
Calcium		5806 ppm	*****	*****	*****	<div><div>Soil pH</div><div>Buffer pH</div><div>Cation Exchange Capacity</div><div>% Base Saturation (Typical Range)</div><div>% Ca</div><div>% Mg</div><div>% K</div><div>% Na</div><div>% H</div></div>											
Sodium		35 ppm	****														
Org.Matter		5.8 %	*****	*****	*****												
Carbonate(CCE)																	
Sol. Salts	0-6" 6-24"	0.65 mmho/cm 0.63 mmho/cm	*****	*****	*****												
			*****	*****	*****	0-6" 7.7 6-24" 8.1		43.6 meq	(65-75) 66.5	(15-20) 30.9	(1-7) 2.2	(0-5) 0.3	(0-5) 0.0				

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

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

Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 30 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 63 K2O = 39 AGVISE Band guideline will build P & K test levels to the medium range over several years.

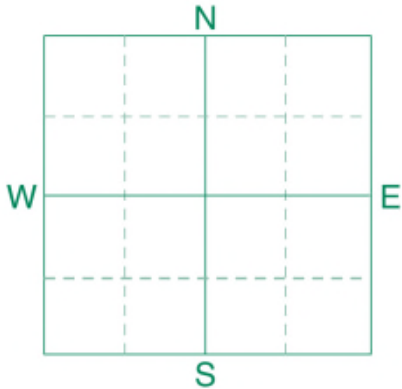
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 30 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 67 K2O = 41 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **12**
SAMPLE ID
FIELD NAME **SL-00L to 00O-RR (N)**
COUNTY **De Salaberry**
TWP **RANGE**
SECTION **QTR** ACRES **182**
PREV. CROP **Soybeans**



SUBMITTED FOR:

Tourond Farms Ltd
Box 156

Niverville, MB

ROA 1E0

SUBMITTED BY: **PR2421**

PRAIRIE SKY AVIATION
BOX 309
NIVERVILLE, MB

ROA 1E0

REF # **5285419** BOX # **1050**
LAB # **NW142997**

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			
Nitrate	0-6" 6-24" 0-24"	12 lb/acre 12 lb/acre 24 lb/acre	V	Low	Med	High	Corn-Grain			Corn-Grain			Corn-Grain		
							YIELD GOAL			YIELD GOAL			YIELD GOAL		
			*****				160 BU			170 BU			180 BU		
							SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
							Band			Band			Band		
							LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Olsen	16 ppm	*****				N	138		N	150		N	162		
Phosphorus		309 ppm	*****				P ₂ O ₅	23	Band *	P ₂ O ₅	24	Band *	P ₂ O ₅	26	Band *
Potassium						K ₂ O	10	Band (2x2) *	K ₂ O	10	Band (2x2) *	K ₂ O	10	Band (2x2) *	
Chloride						Cl			Cl			Cl			
	0-6" 6-24"	10 lb/acre 318 lb/acre	*****				S	0		S	0		S	0	
Sulfur			*****				B	0		B	0		B	0	
Boron		1.5 ppm	*****				Zn	1	Band	Zn	2	Band	Zn	2	Band
Zinc		0.88 ppm	*****				Fe	0		Fe	0		Fe	0	
Iron		20.7 ppm	*****				Mn	0		Mn	0		Mn	0	
Manganese		1.7 ppm	*****				Cu	0		Cu	0		Cu	0	
Copper		1.35 ppm	*****				Mg	0		Mg	0		Mg	0	
Magnesium		1520 ppm	*****				Lime			Lime			Lime		
Calcium		6216 ppm	*****												
Sodium		36 ppm	****												
Org.Matter		5.5 %	*****												
Carbonate(CCE)							Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)					
Sol. Salts	0-6" 6-24"	0.48 mmho/cm 0.78 mmho/cm	*****				0-6" 8.0		44.7 meq	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)	
			*****				6-24" 8.3			69.5	28.3	1.8	0.4	0.0	

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

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

Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 30 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 63 K2O = 39 AGVISE Band guideline will build P & K test levels to the medium range over several years.

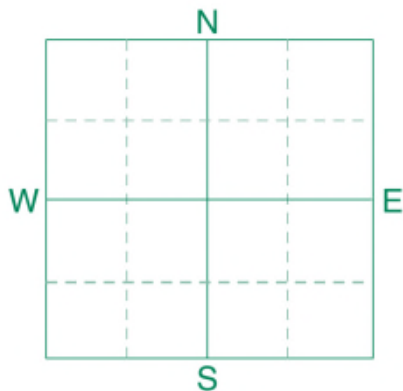
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 30 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 67 K2O = 41 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **FIELD 13**
SAMPLE ID
FIELD NAME
COUNTY
TWP **7-3E** RANGE
SECTION **1** QTR **SE** ACRES **78**
PREV. CROP **Soybeans**



SUBMITTED FOR:

TOUROND FARMS
BOX 156

NIVERVILLE, MB

ROA 1E0

SUBMITTED BY: **TO3061**

TOUROND FARMS
BOX 156

NIVERVILLE, MB

ROA 1E0

REF # **17344778** BOX # **11755**
LAB # **NW129991**

Date Sampled **09/29/2024**

Date Received **10/01/2024**

Date Reported **10/02/2024**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice					
Nitrate	0-6" 6-24"	11 lb/acre 15 lb/acre	VLow	Low	Med	High	Corn-Grain			Corn-Grain			Corn-Grain				
	0-24"	26 lb/acre					YIELD GOAL			YIELD GOAL			YIELD GOAL				
			*****				160 BU			170 BU			180 BU				
							SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES				
						Band			Broadcast			Band					
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION				
Phosphorus	Olsen	21 ppm	*****	*****	*****	*****	N	136		N	148		N	160			
Potassium		359 ppm	*****	*****	*****	*****	P ₂ O ₅	15	Band (2x2) *	P ₂ O ₅	33	Broadcast	P ₂ O ₅	15	Band (2x2) *		
Chloride							K ₂ O	10	Band (2x2) *	K ₂ O	10	Band (2x2) *	K ₂ O	10	Band (2x2) *		
	0-6" 6-24"	10 lb/acre 114 lb/acre	*****				Cl			Cl			Cl				
	Sulfur						S	0		S	10	Broadcast	S	0			
Boron		1.7 ppm	*****	*****	*****	*****	B	0		B	0		B	0			
Zinc		0.90 ppm	*****	*****	*****	*****	Zn	1	Band	Zn	2	Broadcast	Zn	2	Band		
Iron		19.1 ppm	*****	*****	*****	*****	Fe	0		Fe	0		Fe	0			
Manganese		1.9 ppm	*****	*****	*****	*****	Mn	0		Mn	0		Mn	0			
Copper		1.51 ppm	*****	*****	*****	*****	Cu	0		Cu	0		Cu	0			
Magnesium		1898 ppm	*****	*****	*****	*****	Mg	0		Mg	0		Mg	0			
Calcium		5038 ppm	*****	*****	*****	*****	Lime			Lime			Lime				
Sodium		52 ppm	*****														
Org.Matter		4.8 %	*****	*****	*****	*****											
Carbonate(CCE)		5.5 %	*****	*****	*****	*****											
Sol. Salts	0-6" 6-24"	0.45 mmho/cm 0.61 mmho/cm	*****				Soil pH		Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)					
			*****				0-6" 8.3 6-24" 8.6			42.2 meq		(65-75) 59.8	(15-20) 37.5	(1-7) 2.2	(0-5) 0.5	(0-5) 0.0	

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

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

Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 30 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 63 K2O = 39 AGVISE Broadcast guideline will build P & K test levels to the high range over several years.

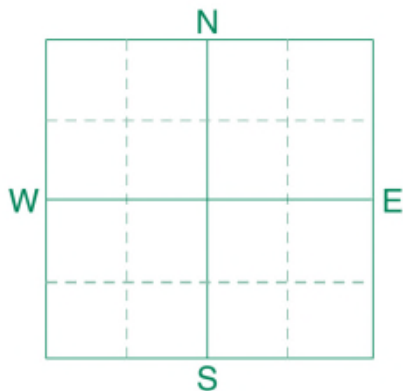
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* Previous crop nitrogen credit: 30 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 67 K2O = 41 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **16N and 16S**
SAMPLE ID **SW,SE,NE 35-6-3e**
FIELD NAME **NE,NW 26-6-3e**
COUNTY **DESALABERRY**
TWP **RANGE**
SECTION **QTR** ACRES **431**
PREV. CROP **Corn-Grain**



SUBMITTED FOR:

TOUROND FARMS
BOX 156

NIVERVILLE, MB

ROA 1E0

SUBMITTED BY: TO3061

TOUROND FARMS
BOX 156

NIVERVILLE, MB

ROA 1E0

REF # **17344785** BOX # **5375**
LAB # **NW188913**

Date Sampled **10/13/2024**

Date Received **10/14/2024**

Date Reported **10/21/2024**

Nutrient In The Soil			Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice					
Nitrate	0-6" 6-24"	18 lb/acre 15 lb/acre	VLow	Low	Med	High	Soybeans			Soybeans			Soybeans					
	0-24"	33 lb/acre					YIELD GOAL			YIELD GOAL			YIELD GOAL					
			*****				50 BU			55 BU			60 BU					
							SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES					
						Band			Broadcast/Maint.			Broadcast/Maint.						
	Olsen	14 ppm	*****	*****	*****	*****	LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION				
Phosphorus																		
Potassium		487 ppm	*****	*****	*****	*****	N	***		N	***		N	***				
Chloride							P2O5	28	Band *	P2O5	48	Broadcast	P2O5	53	Broadcast			
							K2O	0		K2O	0		K2O	0				
							Cl			Cl			Cl					
Sulfur	0-6" 6-24"	14 lb/acre 90 lb/acre	*****	*****	*****	*****	S	7	Band (Trial)	S	15	Broadcast	S	15	Broadcast			
Boron		0.9 ppm	*****	*****	*****	*****	B	0		B	0		B	0				
Zinc		0.99 ppm	*****	*****	*****	*****	Zn	1	Band	Zn	1	Broadcast	Zn	1	Broadcast			
Iron		47.6 ppm	*****	*****	*****	*****	Fe	0		Fe	0		Fe	0				
Manganese		3.0 ppm	*****	*****	*****	*****	Mn	0		Mn	0		Mn	0				
Copper		1.76 ppm	*****	*****	*****	*****	Cu	0		Cu	0		Cu	0				
Magnesium		1794 ppm	*****	*****	*****	*****	Mg	0		Mg	0		Mg	0				
Calcium		4730 ppm	*****	*****	*****	*****	Lime			Lime			Lime					
Sodium		36 ppm	*****	*****	*****	*****	Soil pH			Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Org.Matter		5.6 %	*****	*****	*****	% Ca								% Mg	% K	% Na	% H	
Carbonate(CCE)		0.4 %	**				0-6" 7.4 6-24" 8.2			40.0 meq		(65-75) 59.1	(15-20) 37.4	(1-7) 3.1	(0-5) 0.4	(0-5) 0.0		
Sol. Salts	0-6" 6-24"	0.58 mmho/cm 0.68 mmho/cm	*****	*****	*****													

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

Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is moderate, based on soil carbonate and salinity. Crop nutrient removal: P205 = 38 K2O = 59 AGVISE Band guideline will build P & K test levels to the medium range over several years. Soybean may respond to nitrogen if soybean history is limited and less than 60 lb/acre nitrate-N is present.

Crop 2: May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is moderate, based on soil carbonate and salinity. Crop nutrient removal: P205 = 41 K2O = 65 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them. Soybean may respond to nitrogen if soybean history is limited and less than 60 lb/acre nitrate-N is present.

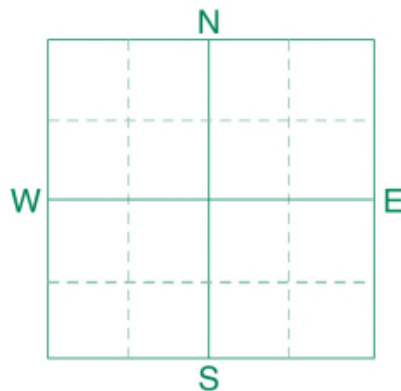
Crop 3: May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is moderate, based on soil carbonate and salinity. Crop nutrient removal: P205 = 45 K2O = 71 AGVISE Broadcast/Maintenance guideline will build P & K test levels to the high range over several years and then maintain them. Soybean may respond to nitrogen if soybean history is limited and less than 60 lb/acre nitrate-N is present.



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

SOIL TEST REPORT

FIELD ID **FIELD 56**
SAMPLE ID
FIELD NAME **FIELD 56**
COUNTY
TWP **6** RANGE **4E**
SECTION **15** QTR **SW,SE,NE** ACRES **480**
PREV. CROP **Oats**



SUBMITTED FOR:
ARTEL

SUBMITTED BY: **TE3082**
PATERSON GRAIN-NIVERVILLE
BOX 356
NIVERVILLE, MB **ROA 1E0**

REF # **5163022** BOX # **2868**
LAB # **NW72404**

Date Sampled

Date Received **09/05/2024**

Date Reported **09/06/2024**

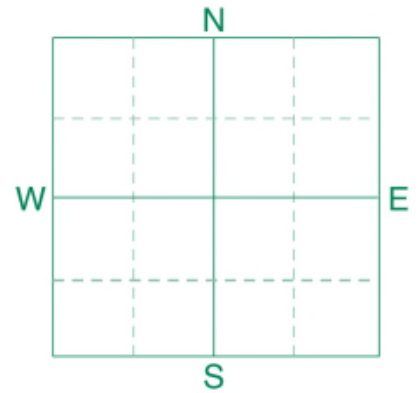
Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice				
Nitrate	0-6" 6-24"	9 lb/acre 12 lb/acre	VLow	Low	Med	High	Canola-bu			Soybeans			Corn-Grain			
							YIELD GOAL			YIELD GOAL			YIELD GOAL			
	0-24"	21 lb/acre	*****				50 BU			45 BU			150 BU			
							SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
							Band/Maint.			Band/Maint.			Band/Maint.			
			LB/ACRE		APPLICATION		LB/ACRE		APPLICATION		LB/ACRE		APPLICATION			
Olsen	3 ppm	*****				N	154		N	***		N	159			
Phosphorus						P ₂ O ₅	55	Band *	P ₂ O ₅	45	Band *	P ₂ O ₅	72	Band *		
Potassium		136 ppm	*****				K ₂ O	23	Band *	K ₂ O	53	Band *	K ₂ O	42	Band *	
Chloride	0-24"	676 lb/acre	*****				Cl		Not Available	Cl	0		Cl		Not Available	
							S	10	Band	S	0		S	0		
Sulfur			*****				B	0		B	0		B	0		
Boron		2.3 ppm	*****				Zn	2	Band	Zn	2	Band	Zn	2	Band	
Zinc		0.41 ppm	*****				Fe	0		Fe	0		Fe	0		
Iron		9.0 ppm	*****				Mn	2	Band	Mn	2	Band	Mn	2	Band	
Manganese		0.9 ppm	*****				Cu	0		Cu	0		Cu	0		
Copper		1.33 ppm	*****				Mg	0		Mg	0		Mg	0		
Magnesium		1801 ppm	*****				Lime			Lime			Lime			
Calcium		5033 ppm	*****													
Sodium		145 ppm	*****													
Org.Matter		5.0 %	*****													
Carbonate(CCE)		10.1 %	*****													
Sol. Salts	0-6" 6-24"	0.89 mmho/cm 1.28 mmho/cm	*****				Soil pH		Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)				
			*****				0-6" 8.5 6-24" 8.6			41.2 meq		(65-75) 61.2		(15-20) 36.5	(1-7) 0.8	(0-5) 1.5



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

SOIL TEST REPORT

FIELD ID **FIELD 57**
SAMPLE ID
FIELD NAME **FIELD 57**
COUNTY
TWP **6** RANGE **4E**
SECTION **14** QTR **NW,NE,SE** ACRES **330**
PREV. CROP **Oats**



SUBMITTED FOR:
ARTEL

SUBMITTED BY: **TE3082**
PATERSON GRAIN-NIVERVILLE
BOX 356
NIVERVILLE, MB **ROA 1E0**

REF # **5163023** BOX # **2812**
LAB # **NW72405**

Date Sampled

Date Received **09/05/2024**

Date Reported **09/06/2024**

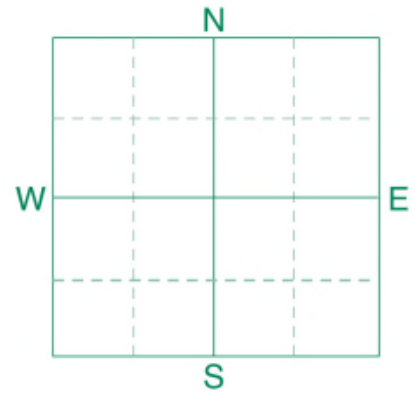
Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice			
Nitrate	0-6" 6-24"	18 lb/acre 9 lb/acre	VLow	Low	Med	High	Canola-bu			Soybeans			Corn-Grain		
							YIELD GOAL			YIELD GOAL			YIELD GOAL		
	0-24"	27 lb/acre	*****	*****			50 BU			45 BU			150 BU		
							SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
					Band/Maint.			Band/Maint.			Band/Maint.				
					LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION					
Phosphorus	Olsen	7 ppm	*****	*****			N	148		N	***		N	153	
Potassium		195 ppm	*****	*****	*****	*****	P ₂ O ₅	45	Band *	P ₂ O ₅	38	Band *	P ₂ O ₅	57	Band *
Chloride	0-24"	776 lb/acre	*****	*****	*****	*****	K ₂ O	23	Band *	K ₂ O	53	Band *	K ₂ O	35	Band *
			*****	*****	*****	*****	Cl		Not Available	Cl	0		Cl		Not Available
Sulfur	0-6" 6-24"	22 lb/acre 360 +lb/acre	*****	*****	***	*****	S	15	Band	S	5	Band (Trial)	S	0	
Boron		3.0 ppm	*****	*****	*****	*****	B	0		B	0		B	0	
Zinc		0.70 ppm	*****	*****			Zn	1	Band	Zn	1	Band	Zn	1	Band
Iron		11.8 ppm	*****	*****	*****	*****	Fe	0		Fe	0		Fe	0	
Manganese		1.0 ppm	*****	*****			Mn	0		Mn	0		Mn	0	
Copper		1.53 ppm	*****	*****	*****	*****	Cu	0		Cu	0		Cu	0	
Magnesium		1543 ppm	*****	*****	*****	*****	Mg	0		Mg	0		Mg	0	
Calcium		5764 ppm	*****	*****	*****	*****	Lime			Lime			Lime		
Sodium		240 ppm	*****	*****	*****	*****									
Org.Matter		6.7 %	*****	*****	*****	*****									
Carbonate(CCE)		4.8 %	*****	*****	*****	*****									
Sol. Salts	0-6" 6-24"	0.79 mmho/cm 2.02 mmho/cm	*****	*****	*****	*****									
			*****	*****	*****	*****	0-6" 8.3 6-24" 8.7		43.2 meq	(65-75) 66.7	(15-20) 29.7	(1-7) 1.2	(0-5) 2.4	(0-5) 0.0	



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

SOIL TEST REPORT

FIELD ID **FIELD 58**
SAMPLE ID
FIELD NAME **FIELD 58**
COUNTY
TWP **6** RANGE **4E**
SECTION **10** QTR NW,NEACRES **382**
PREV. CROP **Oats** also SL-017,018-RR



SUBMITTED FOR:
ARTEL

SUBMITTED BY: **TE3082**
PATERSON GRAIN-NIVERVILLE
BOX 356
NIVERVILLE, MB **ROA 1E0**

REF # **5163030** BOX # **2799**
LAB # **NW72406**

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				
Nitrate	0-6" 6-24"	17 lb/acre 12 lb/acre	VLow	Low	Med	High	Canola-bu			Soybeans			Corn-Grain			
							YIELD GOAL			YIELD GOAL			YIELD GOAL			
	0-24"	29 lb/acre	*****				50 BU			45 BU			150 BU			
							SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
							Band/Maint.			Band/Maint.			Band/Maint.			
			LB/ACRE		APPLICATION		LB/ACRE		APPLICATION		LB/ACRE		APPLICATION			
Olsen	4 ppm	*****				N	146		N	***		N	151			
Phosphorus		193 ppm	*****				P ₂ O ₅	53	Band *	P ₂ O ₅	43	Band *	P ₂ O ₅	68	Band *	
Chloride	0-24"	136 lb/acre	*****				K ₂ O	23	Band *	K ₂ O	53	Band *	K ₂ O	35	Band *	
							Cl		Not Available	Cl	0		Cl		Not Available	
Sulfur	0-6" 6-24"	10 lb/acre 234 lb/acre	*****				S	17	Band	S	7	Band (Trial)	S	0		
Boron		2.0 ppm	*****				B	0		B	0		B	0		
Zinc		0.56 ppm	*****				Zn	2	Band	Zn	2	Band	Zn	2	Band	
Iron		8.6 ppm	*****				Fe	0		Fe	0		Fe	0		
Manganese		1.1 ppm	*****				Mn	0		Mn	0		Mn	0		
Copper		1.1 ppm	*****				Cu	0		Cu	0		Cu	0		
Magnesium		1512 ppm	*****				Mg	0		Mg	0		Mg	0		
Calcium		5504 ppm	*****				Lime			Lime			Lime			
Sodium		48 ppm	*****													
Org.Matter		5.8 %	*****													
Carbonate(CCE)		7.3 %	*****													
Sol. Salts	0-6" 6-24"	0.47 mmho/cm 0.67 mmho/cm	*****				Soil pH		Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)				
			*****				0-6" 8.4 6-24" 8.8		40.8 meq	(65-75) 67.4	(15-20) 30.9	(1-7) 1.2	(0-5) 0.5	(0-5) 0.0		

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

Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury. * May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 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. * 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: P205 = 34 K2O = 53 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 = 56 K2O = 35 AGVISE Band/Maintenance guideline will build P & K test levels to the medium range over several years and then maintain them.