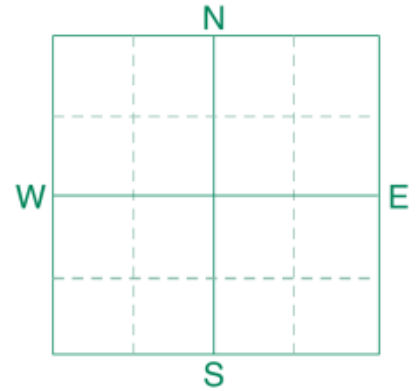




Soil Analysis by Agvise Laboratories
 (http://www.agvise.com)
 Northwood: (701) 587-6010
 Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID **P1**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP **Corn-Silage**



SUBMITTED FOR:
LABASS HOLSTEINS

SUBMITTED BY: **TE2698**
RICHARDSON PIONEER-STEINB
34 PIONEER ROAD
STEINBACH, MB R5G 1W4

REF # **4044304** BOX # **4115**
 LAB # **NW24687**

Date Sampled

Date Received **05/07/2023**

Date Reported **05/08/2023**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		VLow Low Med High	Corn-Silage						
Nitrate	0-6" 6-24"	18 lb/acre 30 lb/acre	YIELD GOAL		YIELD GOAL		YIELD GOAL		
	0-24"	48 lb/acre	20 Tons						
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
			Band						
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Phosphorus	Olsen 39 ppm		N 160		N		N		
Potassium	98 ppm		P ₂ O ₅ 15	Band (2x2) *	P ₂ O ₅		P ₂ O ₅		
Chloride	0-24" 116 lb/acre		K ₂ O 67	Band *	K ₂ O		K ₂ O		
Sulfur	0-6" 48 lb/acre 6-24" 132 lb/acre		Cl	Not Available	Cl		Cl		
Boron	1.0 ppm		S 0		S		S		
Zinc	2.21 ppm		B 0		B		B		
Iron	27.2 ppm		Zn 0		Zn		Zn		
Manganese	1.4 ppm		Fe 0		Fe		Fe		
Copper	2.3 ppm		Mn 0		Mn		Mn		
Magnesium	374 ppm		Cu 0		Cu		Cu		
Calcium	4937 ppm		Mg 0		Mg		Mg		
Sodium	58 ppm		Lime		Lime		Lime		
Org.Matter	3.4 %								
Carbonate(CCE)	3.2 %								
Sol. Salts	0-6" 0.29 mmho/cm 6-24" 0.24 mmho/cm		Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)			
			0-6" 8.1 6-24" 8.3		28.3 meq	% Ca (65-75) 87.2	% Mg (15-20) 11.0	% K (1-7) 0.9	% Na (0-5) 0.9

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

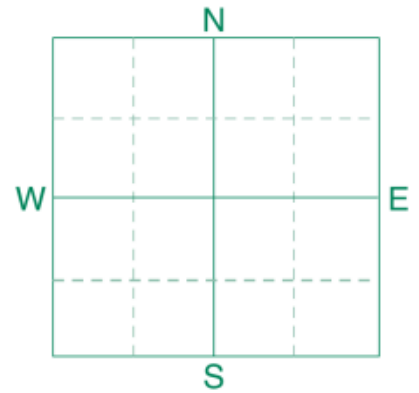
Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 72 K2O = 166 AGVISE Band guideline will build P & K test levels to the medium range over several years.



Soil Analysis by Agvise Laboratories
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 Northwood: (701) 587-6010
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SOIL TEST REPORT

FIELD ID **P4**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP



SUBMITTED FOR:
LABASS HOLSTEINS

SUBMITTED BY: **TE2698**
RICHARDSON PIONEER-STEINB
34 PIONEER ROAD
STEINBACH, MB R5G 1W4

REF # **4055433** BOX # **4628**
 LAB # **NW30511**

Date Sampled

Date Received **05/16/2023**

Date Reported **05/17/2023**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice				
		VLow	Low	Med	High	Corn-Silage										
Nitrate	0-6" 6-24"	12 lb/acre 15 lb/acre	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL			
	0-24"	27 lb/acre					20 Tons									
							SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
							Band									
							LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		
Phosphorus	Olsen	20 ppm	*****				N	181		N			N			
Potassium		114 ppm	*****				P ₂ O ₅	34	Band *	P ₂ O ₅			P ₂ O ₅			
Chloride	0-24"	80 lb/acre	*****				K ₂ O	60	Band *	K ₂ O			K ₂ O			
Sulfur	0-6" 6-24"	34 lb/acre 60 lb/acre	*****				Cl		Not Available	Cl			Cl			
Boron		0.7 ppm	*****				S	0		S			S			
Zinc		1.72 ppm	*****				B	0		B			B			
Iron		33.6 ppm	*****				Zn	0		Zn			Zn			
Manganese		2.4 ppm	*****				Fe	0		Fe			Fe			
Copper		2.46 ppm	*****				Mn	0		Mn			Mn			
Magnesium		514 ppm	*****				Cu	0		Cu			Cu			
Calcium		3143 ppm	*****				Mg	0		Mg			Mg			
Sodium		53 ppm	*****				Lime			Lime			Lime			
Org.Matter		3.0 %	*****				Soil pH	Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Carbonate(CCE)		1.0 %	*****				0-6"	8.2		20.5 meq		% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 6-24"	0.24 mmho/cm 0.17 mmho/cm	*****				6-24"	8.5				(65-75) 76.6	(15-20) 20.9	(1-7) 1.4	(0-5) 1.1	(0-5) 0.0

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

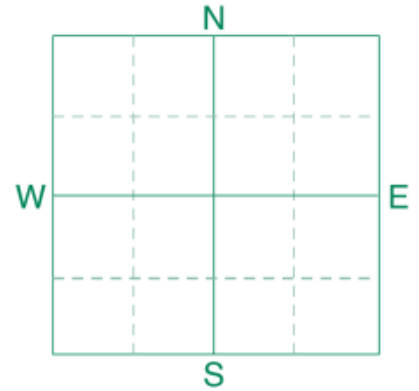
Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 72 K2O = 166 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **Derrick's House**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP **Corn-Silage**



SUBMITTED FOR:
LABASS HOLSTEINS

SUBMITTED BY: **TE2698**
RICHARDSON PIONEER-STEINB
34 PIONEER ROAD
STEINBACH, MB R5G 1W4

REF # **4237495** BOX # **760**
 LAB # **NW161092**

Date Sampled

Date Received **10/06/2023**

Date Reported **10/09/2023**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice													
		VLow Low Med High	YIELD GOAL		YIELD GOAL		YIELD GOAL													
		*****	SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES													
		*****	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION												
Nitrate	0-6" 6-24"	48 lb/acre 33 lb/acre					N													
	0-24"	81 lb/acre					N				N									
Phosphorus	Olsen	50 ppm					P ₂ O ₅				P ₂ O ₅									
Potassium		81 ppm					K ₂ O				K ₂ O									
Chloride	0-24"	320 lb/acre					Cl				Cl									
Sulfur	0-6" 6-24"	36 lb/acre 90 lb/acre					S				S									
							B				B									
Boron		0.7 ppm					Zn				Zn									
Zinc		3.31 ppm					Fe				Fe									
Iron		34.9 ppm					Mn				Mn									
Manganese		2.4 ppm					Cu				Cu									
Copper		2.26 ppm					Mg				Mg									
Magnesium		427 ppm					Lime				Lime									
Calcium		3696 ppm					Soil pH		Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)									
Sodium		99 ppm					0-6" 8.2			22.7 meq	% Ca	% Mg	% K	% Na	% H					
Org.Matter		3.3 %					6-24" 8.4				(65-75)	(15-20)	(1-7)	(0-5)	(0-5)					
Carbonate(CCE)		3.7 %									81.5	15.7	0.9	1.9	0.0					
Sol. Salts	0-6" 6-24"	0.44 mmho/cm 0.27 mmho/cm																		

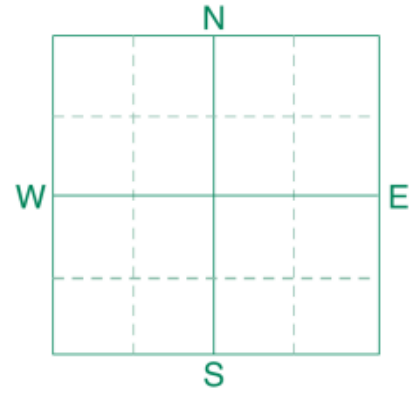
General Comments: Soil texture is not estimated on high pH soils.



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

SOIL TEST REPORT

FIELD ID **P4**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP **Corn-Silage**



SUBMITTED FOR:
LABASS HOLSTEINS

SUBMITTED BY: **TE2698**
RICHARDSON PIONEER-STEINB
34 PIONEER ROAD
STEINBACH, MB R5G 1W4

REF # **4237496** BOX # **777**
 LAB # **NW161093**

Date Sampled

Date Received **10/06/2023**

Date Reported **10/09/2023**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice							
		VLow Low Med High	YIELD GOAL		YIELD GOAL		YIELD GOAL							
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES							
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION						
Nitrate	0-6" 6-24"	4 lb/acre 3 lb/acre	***				N							
	0-24"	7 lb/acre												
Phosphorus	Olsen	18 ppm	*****				P ₂ O ₅							
Potassium		86 ppm	*****				K ₂ O							
Chloride	0-24"	228 lb/acre	*****				Cl							
Sulfur	0-6" 6-24"	42 lb/acre 72 lb/acre	*****				S							
	Boron	0.6 ppm	*****				B							
Zinc		1.46 ppm	*****				Zn							
Iron		40.3 ppm	*****				Fe							
Manganese		2.6 ppm	*****				Mn							
Copper		1.88 ppm	*****				Cu							
Magnesium		610 ppm	*****				Mg							
Calcium		4109 ppm	*****				Lime							
Sodium		78 ppm	*****											
Org.Matter		2.8 %	*****											
Carbonate(CCE)		3.0 %	*****											
Sol. Salts	0-6" 6-24"	0.34 mmho/cm 0.18 mmho/cm	*****											

			Soil pH		Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)							
			0-6" 8.3			26.2 meq	% Ca	% Mg	% K	% Na	% H			
			6-24" 8.7				(65-75) 78.5	(15-20) 19.4	(1-7) 0.8	(0-5) 1.3	(0-5) 0.0			

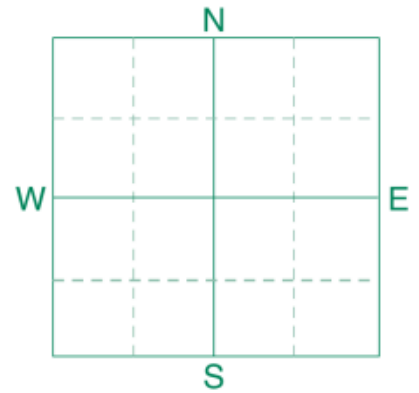
General Comments: Soil texture is not estimated on high pH soils.



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SOIL TEST REPORT

FIELD ID **HINE21146**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **6** RANGE **8E**
 SECTION **21** QTR **NE** ACRES **146**
 PREV. CROP



SUBMITTED FOR:
Highlander

SUBMITTED BY: **HY4851**
HYLIFE LTD.
5 FABAS STREET
BOX 100
LA BROQUERIE, MB **ROA 0W0**

REF # **3716008** BOX # **1826**
 LAB # **NW161738**

Date Sampled

Date Received **10/14/2022**

Date Reported **10/19/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Canola-bu			Wheat-Spring			Corn-Grain		
Nitrate	0-6" 6-24"	*****				YIELD GOAL		YIELD GOAL		YIELD GOAL		YIELD GOAL		
	37 lb/acre 45 lb/acre					55 BU	70 BU	160 BU						
	0-24"					82 lb/acre	SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
							Band		Band		Band			
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Olsen	43 ppm	*****				N	111	N	107	N	110	N	110	
Phosphorus						P ₂ O ₅	10	Band (Starter)*	P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	15	Band (2x2) *
Potassium	100 ppm	*****				K ₂ O	41	Band *	K ₂ O	49	Band *	K ₂ O	61	Band *
Chloride						Cl			Cl			Cl		
Sulfur						S			S			S		
Boron						B			B			B		
Zinc						Zn			Zn			Zn		
Iron						Fe			Fe			Fe		
Manganese						Mn			Mn			Mn		
Copper						Cu			Cu			Cu		
Magnesium						Mg			Mg			Mg		
Calcium						Lime			Lime			Lime		
Sodium														
Org.Matter														
Carbonate(CCE)														
						Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)					
									% Ca	% Mg	% K	% Na	% H	
						0-6" 7.9								
Sol. Salts	0-6" 6-24"	0.27 mmho/cm 0.15 mmho/cm	***** ***			6-24" 8.3								

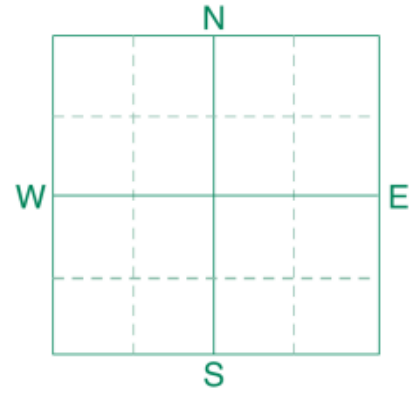
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 50 K2O = 25 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 44 K2O = 26 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 59 K2O = 37 AGVISE Band guideline will build P & K test levels to the medium range over several years.



Soil Analysis by Agvise Laboratories
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SOIL TEST REPORT

FIELD ID **2/3**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP **Alfalfa**



SUBMITTED FOR:
LABASS HOLSTEINS

SUBMITTED BY: **TE2698**
RICHARDSON PIONEER-STEINBACH
34 PIONEER ROAD
STEINBACH, MB R5G 1W4

REF # **4096836** BOX # **5346**
 LAB # **NW46552**

Date Sampled

Date Received **07/18/2023**

Date Reported **07/19/2023**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice				
		VLow	Low	Med	High	Alfalfa										
Nitrate	0-6" 6-24"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL				
	15 lb/acre 9 lb/acre					6 Tons										
	0-24"					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES				
	24 lb/acre					Band										
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION			
Phosphorus	Olsen 38 ppm	*****				N	0		N			N				
Potassium	65 ppm	*****				P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅			P ₂ O ₅				
Chloride	0-24" 152 lb/acre	*****				K ₂ O	210	Band *	K ₂ O			K ₂ O				
Sulfur	0-6" 40 lb/acre 6-24" 66 lb/acre	*****				Cl		Not Available	Cl			Cl				
Boron	1.1 ppm	*****				S	0		S			S				
Zinc	3.33 ppm	*****				B	1	Broadcast	B			B				
Iron	39.4 ppm	*****				Zn	0		Zn			Zn				
Manganese	2.0 ppm	*****				Fe	0		Fe			Fe				
Copper	3.21 ppm	*****				Mn	0		Mn			Mn				
Magnesium	555 ppm	*****				Cu	0		Cu			Cu				
Calcium	5084 ppm	*****				Mg	0		Mg			Mg				
Sodium	82 ppm	*****				Lime			Lime			Lime				
Org.Matter	3.5 %	*****				Soil pH			Cation Exchange Capacity			% Base Saturation (Typical Range)				
Carbonate(CCE)	6.9 %	*****				Buffer pH			% Ca	% Mg	% K	% Na	% H			
Sol. Salts	0-6" 0.29 mmho/cm 6-24" 0.18 mmho/cm	*****				0-6" 8.2 6-24" 8.6		30.6 meq	(65-75) 83.2	(15-20) 15.1	(1-7) 0.5	(0-5) 1.2	(0-5) 0.0			

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

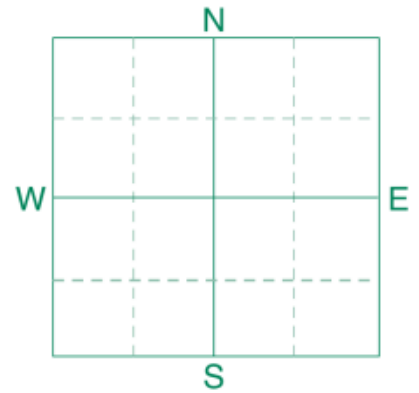
Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury. * Previous crop nitrogen credit: 25 lb/acre N. Previous crop nitrogen credit may be adjusted for local conditions. May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 60 K2O = 300 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **4**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP **Corn-Silage**



SUBMITTED FOR:
LABASS HOLSTEINS

SUBMITTED BY: **TE2698**
RICHARDSON PIONEER-STEINBACH
34 PIONEER ROAD
STEINBACH, MB R5G 1W4

REF # **4189121** BOX # **3878**
 LAB # **NW103130**

Date Sampled

Date Received **09/18/2023**

Date Reported **09/19/2023**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow Low Med High	Corn-Silage		Rye					
Nitrate	0-6" 6-24"	18 lb/acre 27 lb/acre								
	0-24"	45 lb/acre								
Olsen Phosphorus	52 ppm									
Potassium	93 ppm									
Chloride	0-6" 6-24"	82 lb/acre 120 lb/acre								
	0-24"	560 lb/acre								
Boron	1.4 ppm									
Zinc	3.01 ppm									
Iron	76.0 ppm									
Manganese	2.3 ppm									
Copper	3.42 ppm									
Magnesium	525 ppm									
Calcium	4306 ppm									
Sodium	124 ppm									
Org.Matter	4.2 %									
Carbonate(CCE)	6.2 %									
Sol. Salts	0-6" 6-24"	0.45 mmho/cm 0.26 mmho/cm								
			YIELD GOAL		YIELD GOAL		YIELD GOAL			
			20 Tons		70 BU					
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
			Band		Band					
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
			N 163		N 123		N			
			P ₂ O ₅ 15	Band (2x2) *	P ₂ O ₅ 15	Band (Starter) *	P ₂ O ₅			
			K ₂ O 69	Band *	K ₂ O 52	Band *	K ₂ O			
			Cl	Not Available	Cl 0		Cl			
			S 0		S 0		S			
			B 0		B 0		B			
			Zn 0		Zn 0		Zn			
			Fe 0		Fe 0		Fe			
			Mn 0		Mn 0		Mn			
			Cu 0		Cu 0		Cu			
			Mg 0		Mg 0		Mg			
			Lime		Lime		Lime			
			Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
						% Ca	% Mg	% K	% Na	% H
			0-6" 8.3		26.7 meq	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
			6-24" 8.7			80.7	16.4	0.9	2.0	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 = 72 K2O = 166 AGVISE Band guideline will build P & K test levels to the medium range over several years.

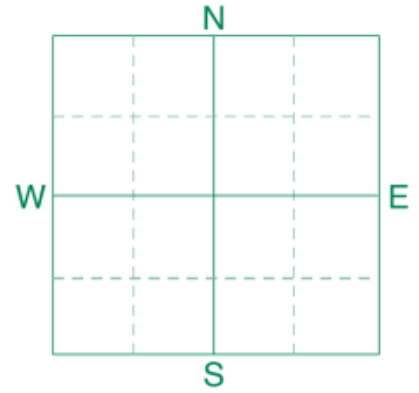
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 44 K2O = 26 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **5**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP



SUBMITTED FOR:
LABASS HOLSTEINS

SUBMITTED BY: **TE2698**
RICHARDSON PIONEER-STEINBACH
34 PIONEER ROAD
STEINBACH, MB R5G 1W4

REF # **4055432** BOX # **4628**
 LAB # **NW30510**

Date Sampled

Date Received **05/16/2023**

Date Reported **05/17/2023**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice									
		VLow Low Med High	Alfalfa													
Nitrate	0-6" 6-24"	43 lb/acre 45 lb/acre	YIELD GOAL		YIELD GOAL		YIELD GOAL									
			6 Tons													
	0-24"	88 lb/acre	SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES									
			Band													
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION								
Phosphorus	Olsen 46 ppm		N	0	N		N									
Potassium	80 ppm		P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	P ₂ O ₅									
Chloride	0-24" 388 lb/acre		K ₂ O	194	Band *	K ₂ O	K ₂ O									
Sulfur	0-6" 6-24"	70 lb/acre 174 lb/acre	Cl		Not Available	Cl	Cl									
Boron	1.2 ppm		S	0		S	S									
Zinc	4.14 ppm		B	0		B	B									
Iron	69.2 ppm		Zn	0		Zn	Zn									
Manganese	3.7 ppm		Fe	0		Fe	Fe									
Copper	3.02 ppm		Mn	0		Mn	Mn									
Magnesium	576 ppm		Cu	0		Cu	Cu									
Calcium	4540 ppm		Mg	0		Mg	Mg									
Sodium	94 ppm		Lime			Lime	Lime									
Org.Matter	5.8 %		Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)									
Carbonate(CCE)	3.2 %		Buffer pH				% Ca		% Mg		% K		% Na		% H	
Sol. Salts	0-6" 6-24"	0.41 mmho/cm 0.32 mmho/cm	0-6" 8.1 6-24" 8.3		28.1 meq		(65-75) 80.7		(15-20) 17.1		(1-7) 0.7		(0-5) 1.5		(0-5) 0.0	

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

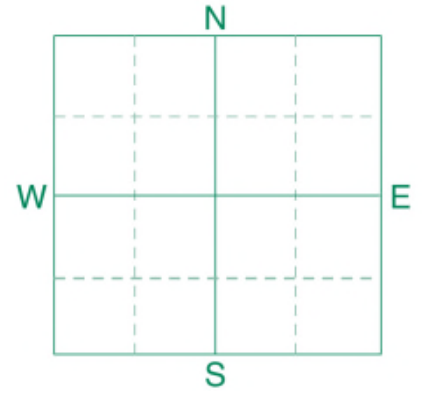
Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 60 K20 = 300 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **5089**
 SAMPLE ID
 FIELD NAME **Jan Bassa**
 COUNTY
 TWP **SW 3-7-8e** RANGE
 SECTION QTR ACRES **71**
 PREV. CROP **Corn-Grain**



SUBMITTED FOR:
Forest Lane Farms

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

REF # **4266983** BOX # **984**
 LAB # **NW161263**

Date Sampled **10/04/2023**

Date Received **10/06/2023**

Date Reported **10/09/2023**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice					
		VLow	Low	Med	High	Corn-Grain											
Nitrate	0-6" 6-24"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL					
		*****				160 BU											
	0-24"	*****				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES					
		*****				Band											
		*****				LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION				
Olsen	29 ppm	*****				N	117		N			N					
Phosphorus		*****				P ₂ O ₅	15	Band (2x2) *	P ₂ O ₅			P ₂ O ₅					
Potassium	58 ppm	*****				K ₂ O	79	Band *	K ₂ O			K ₂ O					
Chloride		*****				Cl			Cl			Cl					
Sulfur	0-6" 6-24"	*****				S	0		S			S					
		*****				B			B			B					
Boron		*****				Zn	0		Zn			Zn					
Zinc	12.09 ppm	*****				Fe			Fe			Fe					
Iron		*****				Mn			Mn			Mn					
Manganese		*****				Cu			Cu			Cu					
Copper		*****				Mg	0		Mg			Mg					
Magnesium	453 ppm	*****				Lime			Lime			Lime					
Calcium	4427 ppm	*****				Soil pH			Buffer pH			Cation Exchange Capacity			% Base Saturation (Typical Range)		
Sodium	36 ppm	*****				0-6"	8.1					26.2 meq	% Ca	% Mg	% K	% Na	% H
Org.Matter	3.9 %	*****				6-24"	8.5						(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
Carbonate(CCE)		*****											84.4	14.4	0.6	0.6	0.0
Sol. Salts	0-6" 6-24"	*****															

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

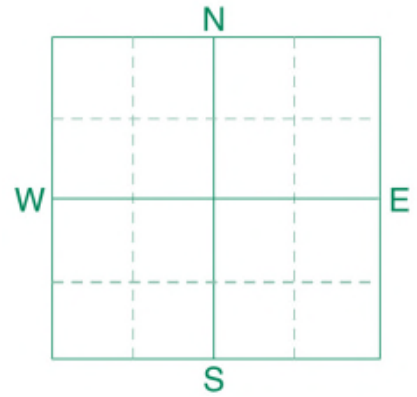
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 59 K2O = 37 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **5087**
 SAMPLE ID
 FIELD NAME **Jan Bassa**
 COUNTY
 TWP **NW 3-7-8e** RANGE
 SECTION QTR ACRES **47**
 PREV. CROP **Corn-Grain**



SUBMITTED FOR:
Forest Lane Farms

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

REF # **3934980** BOX # **4395**
 LAB # **NW212746**

Date Sampled **10/26/2022**

Date Received **10/27/2022**

Date Reported **11/03/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow	Low	Med	High								
Nitrate	0-6" 6-24"	*****				Corn-Silage							
	8 lb/acre 9 lb/acre					YIELD GOAL		YIELD GOAL		YIELD GOAL			
	0-24"					20 Tons							
	17 lb/acre					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
						Band							
		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION				
Phosphorus	Olsen 42 ppm	*****	*****	*****	*****	N	191		N				
Potassium	77 ppm	*****	***			P ₂ O ₅	15	Band (2x2) *	P ₂ O ₅				
Chloride						K ₂ O	75	Band *	K ₂ O				
Sulfur	0-6" 6-24"	*****	*****	***	*****	Cl			Cl				
Boron						S	7	Band (Trial)	S				
Zinc	17.81 ppm	*****	*****	*****	*****	B			B				
Iron						Zn	0		Zn				
Manganese						Fe			Fe				
Copper						Mn			Mn				
Magnesium	230 ppm	*****	*****	*****	*****	Cu			Cu				
Calcium	2891 ppm	*****	*****	*****	*****	Mg	0		Mg				
Sodium	30 ppm	****				Lime			Lime				
Org.Matter	2.2 %	*****	***										
Carbonate(CCE)													
Sol. Salts	0-6" 6-24"	****			**	Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
	0.19 mmho/cm 0.1 mmho/cm					0-6" 7.7		16.7 meq	% Ca	% Mg	% K	% Na	% H
						6-24" 8.2			(65-75) 86.6	(15-20) 11.5	(1-7) 1.2	(0-5) 0.8	(0-5) 0.0

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

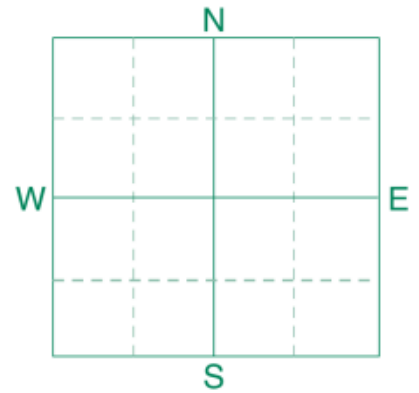
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 72 K2O = 166
 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **5090**
 SAMPLE ID
 FIELD NAME **Jan Bassa**
 COUNTY
 TWP **SE 3-7-8e W RANGE**
 SECTION QTR ACRES **33**
 PREV. CROP **Grass/Pasture**



SUBMITTED FOR:
Forest Lane Farms

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

REF # **4103015** BOX # **5593**
 LAB # **NW50814**

Date Sampled **07/31/2023**

Date Received **08/03/2023**

Date Reported **08/04/2023**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow	Low	Med	High	Grass/Pasture							
Nitrate	0-6" 6-24"	10 lb/acre 3 lb/acre	*****				YIELD GOAL	YIELD GOAL	YIELD GOAL				
	0-24"	13 lb/acre				4 Tons							
						SUGGESTED GUIDELINES	SUGGESTED GUIDELINES	SUGGESTED GUIDELINES	SUGGESTED GUIDELINES	SUGGESTED GUIDELINES	SUGGESTED GUIDELINES		
						Band							
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Olsen Phosphorus	20 ppm	*****				N 107		N		N			
Potassium	42 ppm	*****				P ₂ O ₅ 0		P ₂ O ₅		P ₂ O ₅			
Chloride						K ₂ O 55	Band *	K ₂ O		K ₂ O			
Sulfur	0-6" 6-24"	70 lb/acre 66 lb/acre	*****			Cl		Cl		Cl			
Boron						S 0		S		S			
Zinc						B		B		B			
Iron						Zn		Zn		Zn			
Manganese						Fe		Fe		Fe			
Copper						Mn		Mn		Mn			
Magnesium						Cu		Cu		Cu			
Calcium						Mg		Mg		Mg			
Sodium						Lime		Lime		Lime			
Org.Matter													
Carbonate(CCE)													
Sol. Salts	0-6"	0.43 mmho/cm	*****			Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
	6-24"	0.19 mmho/cm	****			0-6" 8.2			% Ca	% Mg	% K	% Na	% H
						6-24" 8.3							

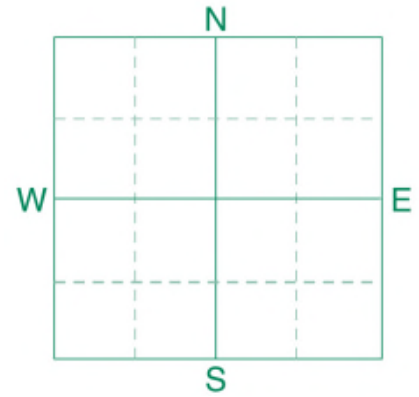
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 48 K2O = 180 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **5086**
 SAMPLE ID
 FIELD NAME **Jan Bassa**
 COUNTY
 TWP **E 2-7-8e** RANGE
 SECTION QTR ACRES **91**
 PREV. CROP **Grass/Pasture**



SUBMITTED FOR:
Forest Lane Farms

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

REF # **3724236** BOX # **1081**
 LAB # **NW66019**

Date Sampled **09/02/2022**

Date Received **09/03/2022**

Date Reported **09/06/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		VLow	Low	Med	High							
Nitrate	0-6" 6-24"	18 lb/acre 15 lb/acre	*****	*****		Grass/Pasture						
	0-24"	33 lb/acre				YIELD GOAL		YIELD GOAL		YIELD GOAL		
						4 Tons						
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
						Band						
Phosphorus	Olsen 41 ppm	*****	*****	*****	*****	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Potassium	89 ppm	*****	*****			N	87	N		N		
Chloride						P ₂ O ₅	0	P ₂ O ₅		P ₂ O ₅		
Sulfur	0-6" 6-24"	24 lb/acre 42 lb/acre	*****	*****	*****	K ₂ O	43	Band *		K ₂ O		
Boron						Cl		Cl		Cl		
Zinc						S	5	Band (Trial)		S		
Iron						B		B		B		
Manganese						Zn		Zn		Zn		
Copper						Fe		Fe		Fe		
Magnesium						Mn		Mn		Mn		
Calcium						Cu		Cu		Cu		
Sodium						Mg		Mg		Mg		
Org.Matter						Lime		Lime		Lime		
Carbonate(CCE)						Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
Sol. Salts	0-6" 6-24"	0.15 mmho/cm 0.09 mmho/cm	***		**	Buffer pH		% Ca	% Mg	% K	% Na	% H
						0-6" 7.2 6-24" 7.8						

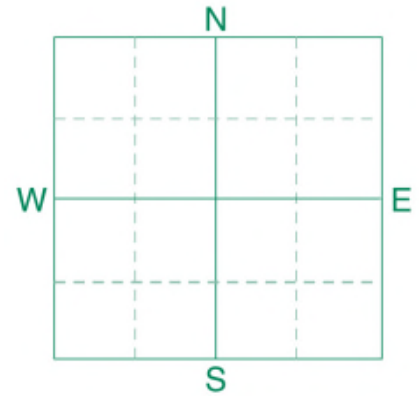
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 48 K2O = 180 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **5085**
 SAMPLE ID
 FIELD NAME **Jan Bassa**
 COUNTY
 TWP **E 3-7-8e E** RANGE
 SECTION QTR ACRES **94**
 PREV. CROP **Grass/Alfalfa**



SUBMITTED FOR:
Forest Lane Farms

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

REF # **3934982** BOX # **4131**
 LAB # **NW212747**

Date Sampled **10/26/2022**

Date Received **10/27/2022**

Date Reported **11/02/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High									
Nitrate	0-6" 3 lb/acre					Grass/Alfalfa								
	6-24" 12 lb/acre	*****				YIELD GOAL		YIELD GOAL		YIELD GOAL				
	0-24" 15 lb/acre					3 Tons								
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Band								
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Phosphorus	Olsen 31 ppm	*****	*****	*****	*****	N	30	N		N				
Potassium	40 ppm	*****				P ₂ O ₅	0	P ₂ O ₅		P ₂ O ₅				
Chloride						K ₂ O	91 Broadcast	K ₂ O		K ₂ O				
Sulfur	0-6" 34 lb/acre	*****	*****	*****	*****	Cl		Cl		Cl				
Boron	6-24" 54 lb/acre	*****	*****	*****	*****	S	0	S		S				
Zinc						B		B		B				
Iron						Zn		Zn		Zn				
Manganese						Fe		Fe		Fe				
Copper						Mn		Mn		Mn				
Magnesium						Cu		Cu		Cu				
Calcium						Mg		Mg		Mg				
Sodium						Lime		Lime		Lime				
Org.Matter						Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Carbonate(CCE)						Buffer pH				% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 0.13 mmho/cm	***				6-24" 0.07 mmho/cm								

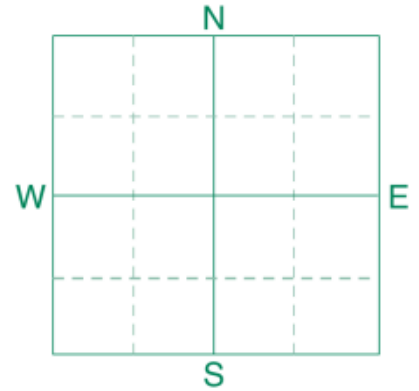
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 30 K2O = 144 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **14 Barrows East**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP **Corn-Silage**



SUBMITTED FOR:
LABASS HOLSTEINS

SUBMITTED BY: **TE2698**
RICHARDSON PIONEER-STEINB
34 PIONEER ROAD
STEINBACH, MB R5G 1W4

REF # **3899545** BOX # **11856**
 LAB # **NW193644**

Date Sampled

Date Received **10/21/2022**

Date Reported **10/27/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High	Corn-Silage								
Nitrate	0-6" 6-24"	*****				YIELD GOAL		YIELD GOAL		YIELD GOAL				
	10 lb/acre 15 lb/acre					18 Tons								
	0-24"					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
	25 lb/acre					Broadcast								
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Phosphorus	Olsen 44 ppm	*****				N	162	N		N				
Potassium	93 ppm	*****				P ₂ O ₅	15	P ₂ O ₅		P ₂ O ₅				
						Band (2x2) *								
Chloride	0-24" 228 lb/acre	*****				K ₂ O	122	K ₂ O		K ₂ O				
						Broadcast								
Sulfur	0-6" 6-24" 62 lb/acre 84 lb/acre	*****				Cl		Cl		Cl				
						Not Available								
Boron	1.0 ppm	*****				S	0	S		S				
Zinc	5.13 ppm	*****				B	0	B		B				
Iron	36.0 ppm	*****				Zn	0	Zn		Zn				
Manganese	2.5 ppm	*****				Fe	0	Fe		Fe				
Copper	1.1 ppm	*****				Mn	0	Mn		Mn				
Magnesium	570 ppm	*****				Cu	0	Cu		Cu				
Calcium	3587 ppm	*****				Mg	0	Mg		Mg				
Sodium	91 ppm	*****				Lime		Lime		Lime				
Org.Matter	3.3 %	*****				Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Carbonate(CCE)	2.4 %	*****				Buffer pH				% Ca	% Mg	% K	% Na	% H
						0-6" 8.3		23.3 meq		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
Sol. Salts	0-6" 6-24" 0.31 mmho/cm 0.14 mmho/cm	*****				6-24" 8.5				76.9	20.4	1.0	1.7	0.0

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

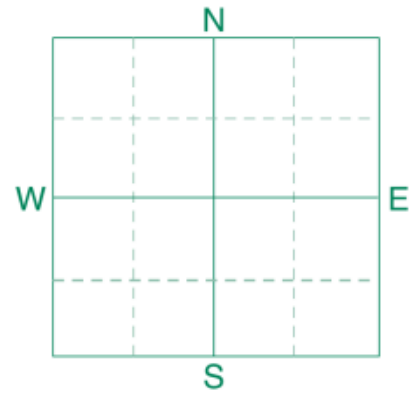
Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 65 K20 = 149 AGVISE Broadcast guideline will build P & K test levels to the high range over several years.



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

SOIL TEST REPORT

FIELD ID **15**
 SAMPLE ID
 FIELD NAME **SE 15-6-8E**
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP **Grass/Pasture**



SUBMITTED FOR:
LABASS HOLSTEINS

SUBMITTED BY: **TE2698**
RICHARDSON PIONEER-STEINB
34 PIONEER ROAD
STEINBACH, MB R5G 1W4

REF # **3706191** BOX # **526**
 LAB # **NW61911**

Date Sampled

Date Received **08/30/2022**

Date Reported **08/31/2022**

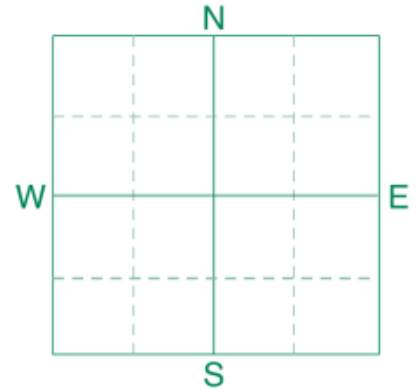
Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High	YIELD GOAL		YIELD GOAL		YIELD GOAL				
Nitrate	0-6" 6-24"	10 lb/acre 3 lb/acre	*****				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
	0-24"	13 lb/acre					LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
						N		N		N				
Phosphorus	Olsen	16 ppm	*****				P ₂ O ₅		P ₂ O ₅		P ₂ O ₅			
Potassium		62 ppm	*****				K ₂ O		K ₂ O		K ₂ O			
Chloride						Cl		Cl		Cl				
Sulfur	0-6" 6-24"	28 lb/acre 42 lb/acre	*****				S		S		S			
						B		B		B				
Boron						Zn		Zn		Zn				
Zinc		3.56 ppm	*****				Fe		Fe		Fe			
Iron						Mn		Mn		Mn				
Manganese						Cu		Cu		Cu				
Copper						Mg		Mg		Mg				
Magnesium						Lime		Lime		Lime				
Calcium						Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Sodium						Buffer pH			% Ca	% Mg	% K	% Na	% H	
Org.Matter		2.9 %	*****				0-6" 8.0							
Carbonate(CCE)						6-24" 8.5								
Sol. Salts	0-6"	0.19 mmho/cm	****											
	6-24"	0.11 mmho/cm	**											



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

SOIL TEST REPORT

FIELD ID **16 Nadeau**
 SAMPLE ID
 FIELD NAME **NE 23-6-7E**
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP **Corn-Silage**



SUBMITTED FOR:
LABASS HOLSTEINS

SUBMITTED BY: **TE2698**
RICHARDSON PIONEER-STEINB
34 PIONEER ROAD
STEINBACH, MB R5G 1W4

REF # **3647568** BOX # **4943**
 LAB # **NW26500**

Date Sampled

Date Received **05/15/2022**

Date Reported **05/16/2022**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		VLow Low Med High	Corn-Grain						
Nitrate	0-6" 6-24"	16 lb/acre 51 lb/acre	YIELD GOAL		YIELD GOAL		YIELD GOAL		
	0-24"	67 lb/acre	160 BU						
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
			Band						
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Phosphorus	Olsen 19 ppm		N 125		N		N		
Potassium	99 ppm		P ₂ O ₅ 15	Band (2x2) *	P ₂ O ₅		P ₂ O ₅		
Chloride	0-24" 92 lb/acre		K ₂ O 61	Band *	K ₂ O		K ₂ O		
Sulfur	0-6" 38 lb/acre 6-24" 84 lb/acre		Cl	Not Available	Cl		Cl		
Boron	1.9 ppm		S 0		S		S		
Zinc	1.55 ppm		B 0		B		B		
Iron	42.8 ppm		Zn 0		Zn		Zn		
Manganese	3.4 ppm		Fe 0		Fe		Fe		
Copper	0.47 ppm		Mn 0		Mn		Mn		
Magnesium	667 ppm		Cu 0		Cu		Cu		
Calcium	4425 ppm		Mg 0		Mg		Mg		
Sodium	42 ppm		Lime		Lime		Lime		
Org.Matter	4.0 %								
Carbonate(CCE)	7.6 %								
Sol. Salts	0-6" 0.29 mmho/cm 6-24" 0.23 mmho/cm		Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)			
			0-6" 8.4 6-24" 8.5		28.1 meq	% Ca	% Mg	% K	% Na
					(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
					78.7	19.8	0.9	0.6	0.0

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

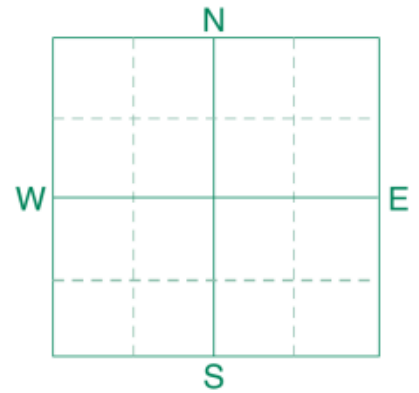
Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 59 K20 = 37 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **Wagner**
 SAMPLE ID
 FIELD NAME **NE 28**
 COUNTY
 TWP **6** RANGE **8**
 SECTION **28** QTR **NE** ACRES **0**
 PREV. CROP **Rye**



SUBMITTED FOR:
LABASS HOLSTEINS

SUBMITTED BY: **TE2698**
RICHARDSON PIONEER-STEINB
34 PIONEER ROAD
STEINBACH, MB **R5G 1W4**

REF # **4113453** BOX # **5731**
 LAB # **NW53905**

Date Sampled

Date Received **08/15/2023**

Date Reported **08/16/2023**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice									
		VLow	Low	Med	High	Corn-Silage															
Nitrate	0-6" 6-24"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL									
						20 Tons															
	0-24"					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES									
						Band															
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION								
	Olsen 24 ppm	*****				N	185		N			N									
Phosphorus						P ₂ O ₅	24	Band *	P ₂ O ₅			P ₂ O ₅									
Potassium	76 ppm	*****				K ₂ O	76	Band *	K ₂ O			K ₂ O									
Chloride	0-24"	*****				Cl		Not Available	Cl			Cl									
	0-6" 6-24"	*****				S	0		S			S									
Sulfur	106 lb/acre 276 lb/acre	*****				B	0		B			B									
Boron	1.8 ppm	*****				Zn	0		Zn			Zn									
Zinc	1.11 ppm	*****				Fe	0		Fe			Fe									
Iron	69.6 ppm	*****				Mn	0		Mn			Mn									
Manganese	2.5 ppm	*****				Cu	0		Cu			Cu									
Copper	0.37 ppm	*****				Mg	0		Mg			Mg									
Magnesium	577 ppm	*****				Lime			Lime			Lime									
Calcium	5713 ppm	*****				Soil pH			Buffer pH			Cation Exchange Capacity			% Base Saturation (Typical Range)						
Sodium	35 ppm	****				0-6" 8.2			6-24" 8.3			33.7 meq			% Ca		% Mg		% K	% Na	% H
Org.Matter	5.0 %	*****										(65-75)		(15-20)		(1-7)	(0-5)	(0-5)			
Carbonate(CCE)	8.0 %	*****										84.7		14.3		0.6	0.5	0.0			
Sol. Salts	0-6"	*****																			
	6-24"	*****																			

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

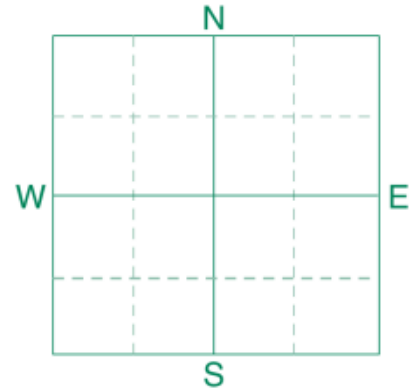
Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 72 K2O = 166 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **Nadeau**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP **Soybeans**



SUBMITTED FOR:
Chris Wilson

SUBMITTED BY: **TE2698**
RICHARDSON PIONEER-STEINB
34 PIONEER ROAD
STEINBACH, MB R5G 1W4

REF # **4304073** BOX # **11722**
 LAB # **NW220454**

Date Sampled

Date Received **10/23/2023**

Date Reported **10/26/2023**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow	Low	Med	High	YIELD GOAL		YIELD GOAL		YIELD GOAL			
		*****				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
		*****				LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Nitrate	0-6" 6-24"	6 lb/acre 9 lb/acre				N		N		N			
	0-24"	15 lb/acre				P ₂ O ₅		P ₂ O ₅		P ₂ O ₅			
Phosphorus	Olsen	5 ppm				K ₂ O		K ₂ O		K ₂ O			
Potassium		45 ppm				Cl		Cl		Cl			
Chloride	0-24"	172 lb/acre				S		S		S			
Sulfur	0-6" 6-24"	22 lb/acre 66 lb/acre				B		B		B			
						Zn		Zn		Zn			
Boron		0.5 ppm				Fe		Fe		Fe			
Zinc		0.58 ppm				Mn		Mn		Mn			
Iron		20.3 ppm				Cu		Cu		Cu			
Manganese		1.6 ppm				Mg		Mg		Mg			
Copper		0.31 ppm				Lime		Lime		Lime			
Magnesium		526 ppm											
Calcium		4553 ppm											
Sodium		23 ppm											
Org.Matter		2.0 %											
Carbonate(CCE)		6.6 %											
Sol. Salts	0-6" 6-24"	0.19 mmho/cm 0.18 mmho/cm				Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
						0-6" 8.3		27.4 meq	% Ca	% Mg	% K	% Na	% H
						6-24" 8.6			(65-75) 83.2	(15-20) 16.0	(1-7) 0.4	(0-5) 0.4	(0-5) 0.0

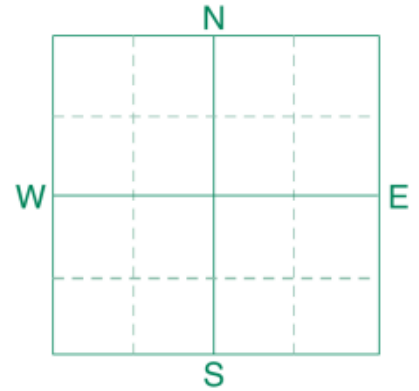
General Comments: Soil texture is not estimated on high pH soils.



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

SOIL TEST REPORT

FIELD ID **BVNE1574**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **6** RANGE **8**
 SECTION **15** QTR **NE** ACRES **74**
 PREV. CROP



SUBMITTED FOR:
Big V

SUBMITTED BY: **HY4851**
HYLIFE LTD.
5 FABAS STREET
BOX 100
LA BROQUERIE, MB **ROA 0W0**

REF # **3716015** BOX # **1889**
 LAB # **NW161739**

Date Sampled _____ Date Received **10/14/2022** Date Reported **10/19/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Canola-bu			Wheat-Spring			Corn-Grain		
Nitrate	0-6" 6-24"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL		
	6 lb/acre 6 lb/acre					55 BU			70 BU			160 BU		
	0-24"					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
	12 lb/acre					Band			Band			Band		
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Olsen	30 ppm	*****				N	181		N	177		N	180	
Phosphorus						P ₂ O ₅	10	Band (Starter)*	P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	15	Band (2x2) *
Potassium	94 ppm	*****				K ₂ O	45	Band *	K ₂ O	52	Band *	K ₂ O	63	Band *
Chloride						Cl			Cl			Cl		
Sulfur						S			S			S		
Boron						B			B			B		
Zinc						Zn			Zn			Zn		
Iron						Fe			Fe			Fe		
Manganese						Mn			Mn			Mn		
Copper						Cu			Cu			Cu		
Magnesium						Mg			Mg			Mg		
Calcium						Lime			Lime			Lime		
Sodium														
Org.Matter														
Carbonate(CCE)														
						Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)					
									% Ca	% Mg	% K	% Na	% H	
						0-6" 7.9								
Sol. Salts	0-6" 6-24"	0.13 mmho/cm 0.08 mmho/cm	*** **			6-24" 8.4								

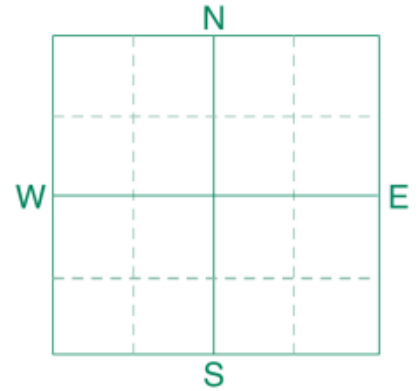
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 50 K2O = 25 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 44 K2O = 26 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 59 K2O = 37 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **BVNE1069**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **6** RANGE **8**
 SECTION **10** QTR **NE** ACRES **69**
 PREV. CROP



SUBMITTED FOR:
Big V

SUBMITTED BY: **HY4851**
HYLIFE LTD.
5 FABAS STREET
BOX 100
LA BROQUERIE, MB **ROA 0W0**

REF # **3716006** BOX # **1832**
 LAB # **NW161737**

Date Sampled

Date Received **10/14/2022**

Date Reported **10/19/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice			
		VLow	Low	Med	High	Canola-bu			Wheat-Spring			Grass/Pasture			
Nitrate	0-6" 6-24"	28 lb/acre 27 lb/acre					YIELD GOAL			YIELD GOAL			YIELD GOAL		
	0-24"	55 lb/acre					55 BU			70 BU			4 Tons		
							SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
							Band			Band			Band		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		
Olsen	40 ppm					N	138		N	134		N	65		
Phosphorus						P ₂ O ₅	10	Band (Starter)*	P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	0		
Potassium	42 ppm					K ₂ O	73	Band *	K ₂ O	77	Band *	K ₂ O	55	Band *	
Chloride						Cl			Cl			Cl			
Sulfur						S			S			S			
Boron						B			B			B			
Zinc						Zn			Zn			Zn			
Iron						Fe			Fe			Fe			
Manganese						Mn			Mn			Mn			
Copper						Cu			Cu			Cu			
Magnesium						Mg			Mg			Mg			
Calcium						Lime			Lime			Lime			
Sodium															
Org.Matter															
Carbonate(CCE)															
						Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)						
									% Ca	% Mg	% K	% Na	% H		
						0-6" 7.2									
Sol. Salts	0-6" 6-24"	0.16 mmho/cm 0.08 mmho/cm				6-24" 8.1									

Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 50 K2O = 25 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 44 K2O = 26 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 48 K2O = 180 AGVISE Band guideline will build P & K test levels to the medium range over several years.