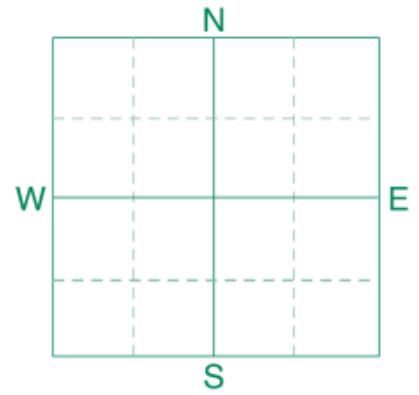




Soil Analysis by Agvise Laboratories
 (<http://www.agvise.com>)
 Northwood: (701) 587-6010
 Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID **Eds Home Braun**
 SAMPLE ID **9-4-16**
 FIELD NAME **Eds Home Braun**
 COUNTY
 TWP **9-4-16** RANGE
 SECTION QTR ACRES **450**
 PREV. CROP **Wheat-Spring**



SUBMITTED FOR:
BARRY REIMER

BOX 849
KILLARNEY, MB **ROK 1G0**

SUBMITTED BY: **SH2462**
SHUR-GRO FARM-KILLARNEY

BOX 1139
KILLARNEY, MB **ROK 1G0**

REF # **3364609** BOX # **2804**
 LAB # **NW83770**

Date Sampled **09/09/2021**

Date Received **09/13/2021**

Date Reported **09/14/2021**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice	
		VLow	Low	Med	High						
Nitrate	0-6" 6-24"	34 lb/acre 117 lb/acre				Canola-bu		Canola-bu		Canola-bu	
						YIELD GOAL		YIELD GOAL		YIELD GOAL	
						40 BU		50 BU		60 BU	
	0-24"	151 lb/acre				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES	
						Band		Band		Band	
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION
						N	16	N	24	N	59
Phosphorus	Olsen	21 ppm				P ₂ O ₅	10	P ₂ O ₅	10	P ₂ O ₅	12
							Band (Starter)*		Band (Starter)*		Band *
Potassium		194 ppm				K ₂ O	0	K ₂ O	0	K ₂ O	0
							Not Available		Not Available		Not Available
Chloride	0-24"	80 lb/acre				Cl		Cl		Cl	
							Not Available		Not Available		Not Available
Sulfur	0-6" 6-24"	38 lb/acre 360 +lb/acre				S	10	S	10	S	10
							Band		Band		Band
Boron		2.8 ppm				B	0	B	0	B	0
Zinc		0.54 ppm				Zn	1	Zn	2	Zn	2
							Band		Band		Band
Iron		10.2 ppm				Fe	0	Fe	0	Fe	0
Manganese		2.8 ppm				Mn	0	Mn	0	Mn	0
Copper		0.63 ppm				Cu	0	Cu	0	Cu	0
Magnesium		1215 ppm				Mg	0	Mg	0	Mg	0
Calcium		5267 ppm				Lime		Lime		Lime	
Sodium		63 ppm									
Org.Matter		7.2 %									
Carbonate(CCE)		4.9 %									
Sol. Salts	0-6" 6-24"	0.51 mmho/cm 1.0 mmho/cm				Soil pH	8.0 8.2	Buffer pH		Cation Exchange Capacity	37.2 meq
										% Base Saturation (Typical Range)	
										% Ca	% Mg
										% K	% Na
										% H	

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 = 36 K20 = 18 AGVISE Band guideline will build P & K test levels to the medium range over several years.

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: P205 = 45 K20 = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.

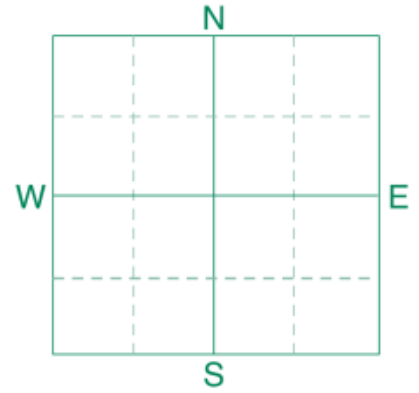
Crop 3: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 54 K20 = 27 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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 Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID **Gurlings**
 SAMPLE ID **28-3-16**
 FIELD NAME **Gurlings**
 COUNTY
 TWP **28-3-16** RANGE
 SECTION QTR ACRES **480**
 PREV. CROP **Wheat-Spring**



SUBMITTED FOR:
BARRY REIMER

BOX 849
KILLARNEY, MB **ROK 1G0**

SUBMITTED BY: **SH2462**
SHUR-GRO FARM-KILLARNEY
BOX 1139
KILLARNEY, MB **ROK 1G0**

REF # **3434166** BOX # **5967**
 LAB # **NW140229**

Date Sampled _____ Date Received **10/04/2021** Date Reported **10/06/2021**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow	Low	Med	High								
Nitrate	0-6" 6-24"	*****				Canola-bu		Canola-bu		Canola-bu			
		*****				YIELD GOAL		YIELD GOAL		YIELD GOAL			
	0-24"	*****				40 BU		50 BU		60 BU			
		*****				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
Phosphorus	Olsen	*****				Band		Band		Band			
		*****				LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Potassium	212 ppm	*****				N	20	N	20	N	21		
Chloride	0-24"	*****				P ₂ O ₅	32 Band *	P ₂ O ₅	40 Band *	P ₂ O ₅	48 Band *		
		*****				K ₂ O	0	K ₂ O	0	K ₂ O	0		
Sulfur	0-6" 6-24"	*****				Cl	Not Available	Cl	Not Available	Cl	Not Available		
		*****				S	10 Band	S	10 Band	S	10 Band		
Boron	2.5 ppm	*****				B	0	B	0	B	0		
Zinc	0.75 ppm	*****				Zn	0	Zn	1 Band	Zn	1 Band		
Iron	12.5 ppm	*****				Fe	0	Fe	0	Fe	0		
Manganese	3.4 ppm	*****				Mn	0	Mn	0	Mn	0		
Copper	0.71 ppm	*****				Cu	0	Cu	0	Cu	0		
Magnesium	1198 ppm	*****				Mg	0	Mg	0	Mg	0		
Calcium	4559 ppm	*****				Lime		Lime		Lime			
Sodium	49 ppm	*****											
Org.Matter	7.3 %	*****				Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
Carbonate(CCE)	2.7 %	*****							% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 6-24"	*****				0-6"	8.1	33.5 meq	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
		*****				6-24"	8.2		68.0	29.8	1.6	0.6	0.0

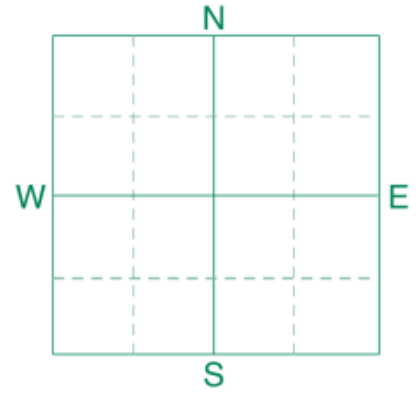
General Comments: Soil texture is not estimated on high pH soils.
Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 36 K20 = 18 AGVISE Band guideline will build P & K test levels to the medium range over several years.
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: P205 = 45 K20 = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
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 = 54 K20 = 27 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 **Sawatskys**
 SAMPLE ID **E 33-3-16**
 FIELD NAME **Sawatskys**
 COUNTY
 TWP **E 33-3-16** RANGE
 SECTION QTR ACRES **295**
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
BARRY REIMER

BOX 849
KILLARNEY, MB **ROK 1G0**

SUBMITTED BY: **SH2462**
SHUR-GRO FARM-KILLARNEY

BOX 1139
KILLARNEY, MB **ROK 1G0**

REF # **3444876** BOX # **521**
 LAB # **NW144792**

Date Sampled **09/29/2021** Date Received **10/05/2021** Date Reported **10/08/2021**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice							
		VLow	Low	Med	High	Oats		Oats		Oats							
Nitrate	0-6" 6-24"	23 lb/acre 36 lb/acre				YIELD GOAL		YIELD GOAL		YIELD GOAL							
	0-24"	59 lb/acre				130 BU		140 BU		150 BU							
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES							
						Band		Band		Band							
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION						
Phosphorus	Olsen	9 ppm				N	71	N	81	N	91						
Potassium		296 ppm				P ₂ O ₅	31 Band *	P ₂ O ₅	34 Band *	P ₂ O ₅	36 Band *						
Chloride	0-24"	20 lb/acre				K ₂ O	10 Band (Starter)*	K ₂ O	10 Band (Starter)*	K ₂ O	10 Band (Starter)*						
Sulfur	0-6" 6-24"	120 +lb/acre 360 +lb/acre				Cl	20 Broadcast	Cl	20 Broadcast	Cl	20 Broadcast						
Boron		1.0 ppm				S	0	S	0	S	0						
Zinc		1.28 ppm				B	0	B	0	B	0						
Iron		78.2 ppm				Zn	0	Zn	0	Zn	0						
Manganese		7.6 ppm				Fe	0	Fe	0	Fe	0						
Copper		0.79 ppm				Mn	0	Mn	0	Mn	0						
Magnesium		679 ppm				Cu	1 Band (Trial)	Cu	1 Band (Trial)	Cu	1 Band (Trial)						
Calcium		4256 ppm				Mg	0	Mg	0	Mg	0						
Sodium		42 ppm				Lime		Lime		Lime							
Org.Matter		6.3 %				Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)							
Carbonate(CCE)		1.6 %				Buffer pH				% Ca	% Mg	% K	% Na	% H			
Sol. Salts	0-6" 6-24"	0.63 mmho/cm 0.86 mmho/cm				0-6" 7.3 6-24" 8.3	27.9 meq	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)	76.3	20.3	2.7	0.7	0.0

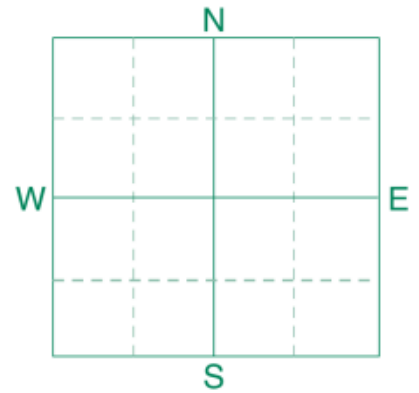
General Comments: Medium-textured (CEC: 11-30 meq)
 Percent hydrogen is estimated from water pH, CEC corrected for exchangeable acidity.
Crop 1: 44 lb potassium chloride (0-0-60-50Cl) = 20 lb chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests.
 Crop nutrient removal: P2O5 = 33 K2O = 25 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: 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 = 35 K2O = 27 AGVISE Band guideline will build P & K test levels to the medium range over several years.
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 = 38 K2O = 29 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 **Eric's 5th**
 SAMPLE ID **N 3-4-16**
 FIELD NAME **Eric's 5th**
 COUNTY
 TWP **N 3-4-16** RANGE
 SECTION QTR ACRES **270**
 PREV. CROP **Wheat-Spring**



SUBMITTED FOR:
Eric Reimer

Box 1196
Killarney, MB **ROK 1G0**

SUBMITTED BY: SH2462
SHUR-GRO FARM-KILLARNEY
BOX 1139
KILLARNEY, MB **ROK 1G0**

REF # **3459568** BOX # **932**
 LAB # **NW149861**

Date Sampled _____ Date Received **10/06/2021** Date Reported **10/09/2021**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High	Peas-Field		Canola-bu		Soybeans				
Nitrate	0-6" 6-24"	*****				YIELD GOAL		YIELD GOAL		YIELD GOAL				
		*****				40 BU		44 BU		40 BU				
	0-24"	*****				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
		*****				Band		Band		Band				
Olsen	12 ppm	*****				LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Phosphorus		*****				N	0	N	15	N	***			
Potassium	195 ppm	*****				P ₂ O ₅	22 Band *	P ₂ O ₅	29 Band *	P ₂ O ₅	26 Band *			
Chloride	0-24"	*****				K ₂ O	0	K ₂ O	0	K ₂ O	12 Band *			
		*****				Cl	Not Available	Cl	Not Available	Cl	0			
Sulfur	0-6" 6-24"	*****				S	0	S	10 Band	S	0			
Boron	2.2 ppm	*****				B	0	B	0	B	0			
Zinc	0.57 ppm	*****				Zn	0	Zn	1 Band	Zn	1 Band			
Iron	13.7 ppm	*****				Fe	0	Fe	0	Fe	0			
Manganese	4.3 ppm	*****				Mn	0	Mn	0	Mn	0			
Copper	0.64 ppm	*****				Cu	0	Cu	0	Cu	0			
Magnesium	937 ppm	*****				Mg	0	Mg	0	Mg	0			
Calcium	5337 ppm	*****				Lime		Lime		Lime				
Sodium	42 ppm	*****				Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Org.Matter	5.8 %	*****				Buffer pH				% Ca	% Mg	% K	% Na	% H
Carbonate(CCE)	8.3 %	*****						35.2 meq		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
Sol. Salts	0-6"	*****				0-6"	7.9			75.9	22.2	1.4	0.5	0.0
	6-24"	*****				6-24"	8.0							

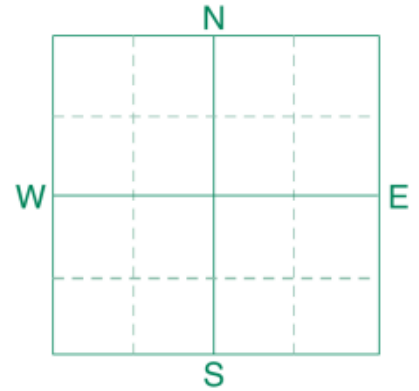
General Comments: Soil texture is not estimated on high pH soils.
Crop 1: Limited data on crop response to chloride. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 28 K2O = 29 AGVISE Band guideline will build P & K test levels to the medium range over several years.
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 = 40 K2O = 20 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. Soybean iron deficiency (IDC) risk is very high, based on soil carbonate and salinity. Crop nutrient removal: P2O5 = 30 K2O = 47 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 **EricS**
 SAMPLE ID **2-4-16**
 FIELD NAME **EricS**
 COUNTY
 TWP **2-4-16** RANGE
 SECTION QTR ACRES **416**
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
Eric Reimer

Box 1196
Killarney, MB **ROK 1G0**

SUBMITTED BY: SH2462
SHUR-GRO FARM-KILLARNEY
BOX 1139
KILLARNEY, MB **ROK 1G0**

REF # **3459569** BOX # **983**
 LAB # **NW149862**

Date Sampled **10/05/2021** Date Received **10/06/2021** Date Reported **10/09/2021**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow	Low	Med	High	Peas-Field		Canola-bu		Soybeans			
Nitrate	0-6" 6-24"	*****				YIELD GOAL		YIELD GOAL		YIELD GOAL			
		*****				40 BU		44 BU		40 BU			
	0-24"	*****				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
		*****				Band		Band		Band			
		*****				LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Olsen	27 ppm	*****				N	8	N	93	N	***		
Phosphorus		*****				P ₂ O ₅	3	P ₂ O ₅	10	P ₂ O ₅	10		
Potassium	246 ppm	*****					Band *		Band (Starter)*		Band (Starter)*		
Chloride	0-24"	*****				K ₂ O	0	K ₂ O	0	K ₂ O	0		
		*****				CI		CI		CI	0		
Sulfur	0-6" 6-24"	*****					Not Available		Not Available		0		
		*****				S	0	S	10	S	0		
Boron	0.9 ppm	*****				B	0	B	0	B	0		
Zinc	1.09 ppm	*****				Zn	0	Zn	0	Zn	0		
Iron	39.5 ppm	*****				Fe	0	Fe	0	Fe	0		
Manganese	6.7 ppm	*****				Mn	0	Mn	0	Mn	0		
Copper	0.65 ppm	*****				Cu	0	Cu	0	Cu	0		
Magnesium	535 ppm	*****				Mg	0	Mg	0	Mg	0		
Calcium	3302 ppm	*****				Lime		Lime		Lime			
Sodium	14 ppm	**											
Org.Matter	5.6 %	*****											
Carbonate(CCE)	0.7 %	****				Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
Sol. Salts	0-6" 6-24"	*****				0-6"	7.0	22.0 meq	% Ca	% Mg	% K	% Na	% H
		*****				6-24"	8.1		(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
		*****							75.0	20.3	2.9	0.3	1.6

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. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 28 K2O = 29 AGVISE Band guideline will build P & K test levels to the medium range over several years.
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 = 40 K2O = 20 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. Soybean iron deficiency (IDC) risk is low, based on soil carbonate and salinity. Crop nutrient removal: P2O5 = 30 K2O = 47 AGVISE Band guideline will build P & K test levels to the medium range over several years.