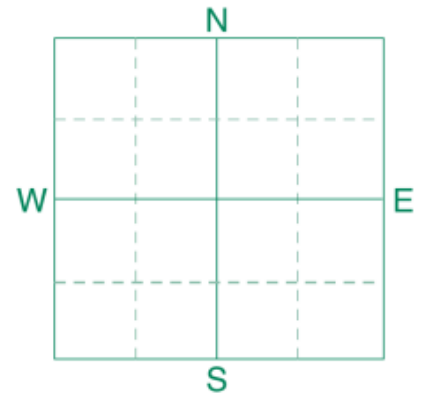




Soil Analysis by Agvise Laboratories
 (<http://www.agvise.com>)
 Northwood: (701) 587-6010
 Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID **WONW05124**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **3** RANGE **15-W**
 SECTION **5** QTR **NW** ACRES **124**
 PREV. CROP



SUBMITTED FOR:
Wolf

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

REF # **3175465** BOX # **2120**
 LAB # **NW227920**

Date Sampled

Date Received **12/03/2020**

Date Reported **12/7/2020**

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"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL			
	69 lb/acre 51 lb/acre					50 BU	60 BU	4 Tons							
	0-24"					120 lb/acre	SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
							Band		Band		Band				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION				
Phosphorus	Olsen 5 ppm	*****				N 55		N 42		N 0					
Potassium	318 ppm	*****				P ₂ O ₅ 50	Band *	P ₂ O ₅ 41	Band *	P ₂ O ₅ 36	Band *				
Chloride						K ₂ O 0		K ₂ O 10	Band (Starter)*	K ₂ O 0					
Sulfur						Cl		Cl		Cl					
Boron						S		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"	*****				Soil pH	Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)					
	6-24"					1.28 mmho/cm 2.53 mmho/cm	0-6" 7.9			% Ca	% Mg	% K	% Na	% H	
						6-24" 8.3									

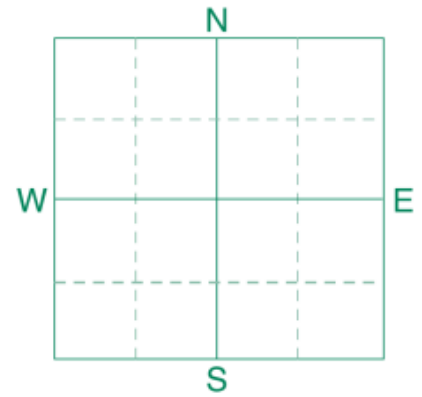
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 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: P2O5 = 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 **WONE05118**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **3** RANGE **15-W**
 SECTION **5** QTR **NE** ACRES **118**
 PREV. CROP



SUBMITTED FOR:
Wolf

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

REF # **3175466** BOX # **2126**
 LAB # **NW227921**

Date Sampled

Date Received **12/03/2020**

Date Reported **12/7/2020**

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"	44 lb/acre 21 lb/acre					YIELD GOAL			YIELD GOAL			YIELD GOAL			
	0-24"	65 lb/acre					50 BU			60 BU			4 Tons			
							SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
							Band			Band			Band			
							LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		
Phosphorus	Olsen	13 ppm					N	110		N	97		N	55		
Potassium		232 ppm					P ₂ O ₅	30	Band *	P ₂ O ₅	25	Band *	P ₂ O ₅	16	Band *	
Chloride							K ₂ O	0		K ₂ O	10	Band (Starter)*	K ₂ O	7	Band *	
Sulfur							Cl			Cl			Cl			
Boron							S			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)							Soil pH	Buffer pH	Cation Exchange Capacity			% Base Saturation (Typical Range)				
												% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 6-24"	1.13 mmho/cm 2.19 mmho/cm					0-6"	7.9								
							6-24"	8.2								

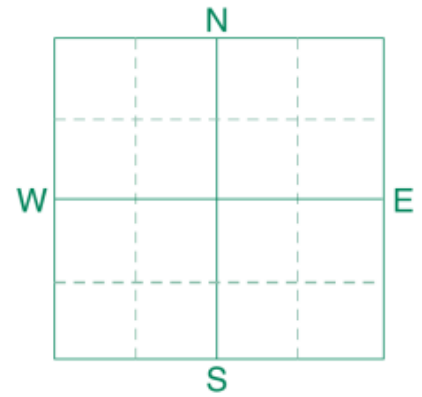
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 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: P2O5 = 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 **WOSE05102**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **3** RANGE **15-W**
 SECTION **5** QTR **SE** ACRES **102**
 PREV. CROP



SUBMITTED FOR:
Wolf

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

REF # **3175467** BOX # **2126**
 LAB # **NW227922**

Date Sampled

Date Received **12/03/2020**

Date Reported **12/7/2020**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice					
		VLow	Low	Med	High	Canola-bu			Wheat-Spring			Grass/Pasture					
		*****				YIELD GOAL			YIELD GOAL			YIELD GOAL					
		*****				50 BU			60 BU			4 Tons					
		*****				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES					
		*****				Band			Band			Band					
		*****				LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION				
Nitrate	0-6" 6-24" 47 lb/acre 42 lb/acre 0-24" 89 lb/acre					N	86		N	73		N	31				
Phosphorus	Olsen 5 ppm					P ₂ O ₅	50	Band *	P ₂ O ₅	41	Band *	P ₂ O ₅	36	Band *			
Potassium	258 ppm					K ₂ O	0		K ₂ O	10	Band (Starter)*	K ₂ O	0				
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						Soil pH			Buffer pH			Cation Exchange Capacity			% Base Saturation (Typical Range)		
Org.Matter												% Ca	% Mg	% K	% Na	% H	
Carbonate(CCE)						0-6" 7.8											
Sol. Salts	0-6" 6-24" 0.51 mmho/cm 1.2 mmho/cm					6-24" 8.2											

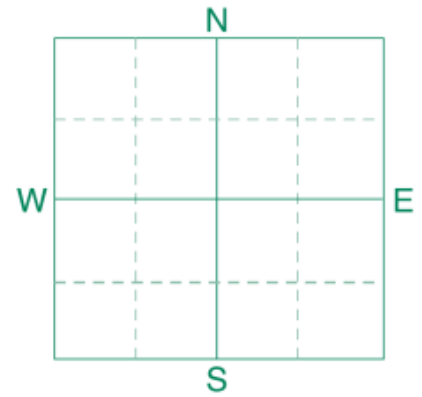
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 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: P2O5 = 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 **WONE25124**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **25** QTR **NE** ACRES **124**
 PREV. CROP



SUBMITTED FOR:

Wolf

SUBMITTED BY: **HY4851**

HYLIFE LTD.
5 FABAS STREET
BOX 100
LA BROQUERIE, MB

ROA 0W0

REF # **3175468** BOX # **2126**
 LAB # **NW227923**

Date Sampled

Date Received **12/03/2020**

Date Reported **12/7/2020**

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"	*****	*****	*****	*****	YIELD GOAL			YIELD GOAL			YIELD GOAL		
	34 lb/acre 12 lb/acre					50 BU	60 BU	4 Tons						
	0-24"					46 lb/acre	SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES	
						Band			Band			Band		
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Phosphorus	Olsen 11 ppm	*****	*****	*****	*****	N 129		N 116		N 74				
Potassium	429 ppm	*****	*****	*****	*****	P ₂ O ₅ 35	Band *	P ₂ O ₅ 29	Band *	P ₂ O ₅ 21	Band *			
Chloride						K ₂ O 0		K ₂ O 10	Band (Starter)*	K ₂ O 0				
Sulfur						Cl		Cl		Cl				
Boron						S		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" 6-24"	*****	*****	*****	*****	0-6" 7.9								
	2.32 mmho/cm 2.85 mmho/cm	*****	*****	*****	*****	6-24" 8.5								

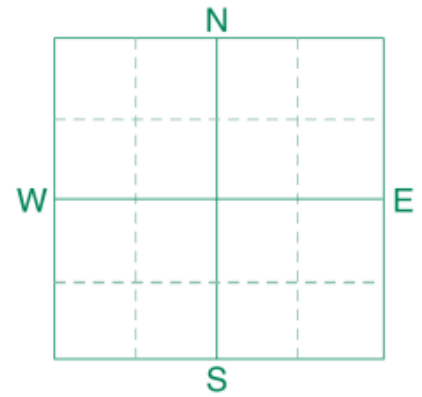
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. High salinity may decrease crop yield. Crop nutrient removal: P2O5 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. High salinity may decrease crop yield. Crop nutrient removal: P2O5 = 38 K2O = 23 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. High salinity may decrease crop yield. Crop nutrient removal: P2O5 = 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 **WOSE25145**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **25** QTR **SE** ACRES **145**
 PREV. CROP



SUBMITTED FOR:
Wolf

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

REF # **3175469** BOX # **2133**
 LAB # **NW227924**

Date Sampled

Date Received **12/03/2020**

Date Reported **12/7/2020**

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		Wheat-Spring		Grass/Pasture				
	36 lb/acre 27 lb/acre					YIELD GOAL		YIELD GOAL		YIELD GOAL				
	0-24"	*****				50 BU		60 BU		4 Tons				
	63 lb/acre					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Band		Band		Band				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Olsen	22 ppm	*****				N	112	N	99	N	57			
Phosphorus						P ₂ O ₅	10	P ₂ O ₅	15	P ₂ O ₅	0			
Potassium	311 ppm	*****					Band (Starter)*		Band (Starter)*		Band (Starter)*			
Chloride						K ₂ O	0	K ₂ O	10	K ₂ O	0			
									Band (Starter)*					
Sulfur						Cl		Cl		Cl				
Boron						S		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
0-6" 6-24"	3.04 mmho/cm 2.66 mmho/cm	*****				0-6" 8.0								
Sol. Salts		*****				6-24" 8.3								

Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. High salinity may decrease crop yield. Crop nutrient removal: P2O5 = 45 K2O = 23 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. High salinity may decrease crop yield. Crop nutrient removal: P2O5 = 38 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.

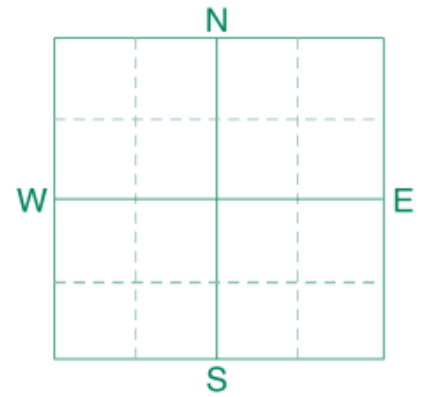
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. High salinity may decrease crop yield. Crop nutrient removal: P2O5 = 48 K2O = 180 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **WONW30144**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **15-W**
 SECTION **30** QTR **NW** ACRES **144**
 PREV. CROP



SUBMITTED FOR:
Wolf

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

REF # **3175470** BOX # **2126**
 LAB # **NW227925**

Date Sampled

Date Received **12/03/2020**

Date Reported **12/7/2020**

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"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL		
	32 lb/acre 33 lb/acre					50 BU	60 BU	4 Tons						
	0-24"					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
	65 lb/acre					Band			Band			Band		
					LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Phosphorus	Olsen 8 ppm	*****				N 110		N 97		N 55				
Potassium	295 ppm	*****				P ₂ O ₅ 43 Band *		P ₂ O ₅ 35 Band *		P ₂ O ₅ 28 Band *				
Chloride						K ₂ O 0		K ₂ O 10 Band (Starter)*		K ₂ O 0				
Sulfur						Cl		Cl		Cl				
Boron						S		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)						Soil pH	Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)				
								% Ca	% Mg	% K	% Na	% H		
Sol. Salts	0-6" 6-24"	*****				0-6" 8.0								
	1.33 mmho/cm 1.98 mmho/cm	*****				6-24" 8.3								

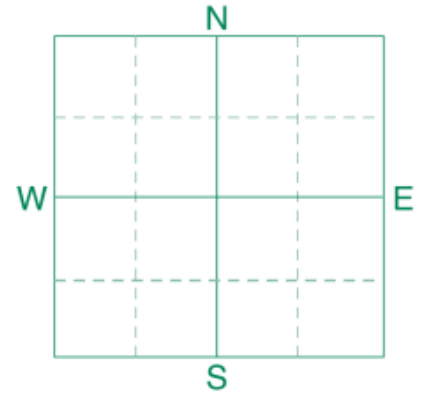
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 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: P2O5 = 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 **WOSW30156**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **15-W**
 SECTION **30** QTR **SW** ACRES **156**
 PREV. CROP



SUBMITTED FOR:

Wolf

SUBMITTED BY: **HY4851**

HYLIFE LTD.
5 FABAS STREET
BOX 100
LA BROQUERIE, MB

ROA 0W0

REF # **3175471** BOX # **2149**
 LAB # **NW227926**

Date Sampled

Date Received **12/03/2020**

Date Reported **12/7/2020**

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"	*****	*****	*****	*****	YIELD GOAL			YIELD GOAL			YIELD GOAL						
	0-24"					62 lb/acre 48 lb/acre	50 BU	60 BU	4 Tons	SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
						110 lb/acre	Band		Band		Band							
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION					
Phosphorus	Olsen 9 ppm	*****				N 65		N 52		N 10								
Potassium	259 ppm	*****				P ₂ O ₅ 40	Band *	P ₂ O ₅ 33	Band *	P ₂ O ₅ 26	Band *							
Chloride						K ₂ O 0		K ₂ O 10	Band (Starter)*	K ₂ O 0								
Sulfur						Cl		Cl		Cl								
Boron						S		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" 6-24"	2.0 mmho/cm 2.29 mmho/cm	*****	*****	*****	0-6" 7.9												
						6-24" 8.3												

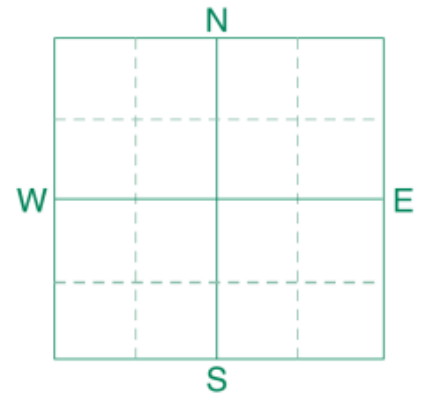
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. High salinity may decrease crop yield. Crop nutrient removal: P2O5 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. High salinity may decrease crop yield. Crop nutrient removal: P2O5 = 38 K2O = 23 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. High salinity may decrease crop yield. Crop nutrient removal: P2O5 = 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 **WOSE30140**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **15-W**
 SECTION **30** QTR **SE** ACRES **140**
 PREV. CROP



SUBMITTED FOR:
Wolf

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

REF # **3175472** BOX # **2133**
 LAB # **NW227927**

Date Sampled

Date Received **12/03/2020**

Date Reported **12/7/2020**

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"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL		
	27 lb/acre 24 lb/acre					50 BU	60 BU	4 Tons						
	0-24"					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
	51 lb/acre					Band			Band			Band		
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Phosphorus	Olsen 9 ppm					N 124		N 111		N 69				
Potassium	271 ppm					P ₂ O ₅ 40	Band *	P ₂ O ₅ 33	Band *	P ₂ O ₅ 26	Band *			
Chloride						K ₂ O 0		K ₂ O 10	Band (Starter)*	K ₂ O 0				
Sulfur						Cl		Cl		Cl				
Boron						S		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" 6-24"	*****	*****	*****	*****	0-6" 7.5								
	0.41 mmho/cm 0.68 mmho/cm					6-24" 8.0								

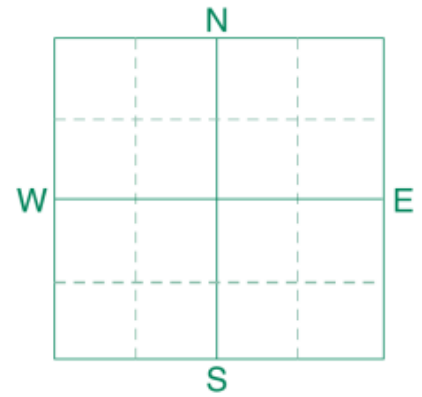
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 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: P2O5 = 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 **WONE30138**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **15-W**
 SECTION **30** QTR **NE** ACRES **138**
 PREV. CROP



SUBMITTED FOR:
Wolf

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

REF # **3175473** BOX # **2149**
 LAB # **NW227928**

Date Sampled

Date Received **12/03/2020**

Date Reported **12/7/2020**

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"	24 lb/acre	24 lb/acre	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL								
	0-24"	48 lb/acre						50 BU			60 BU			4 Tons								
								SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES								
								Band			Band			Band								
								LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION							
	Olsen	10 ppm	*****				N	127		N	114		N	72								
	Phosphorus						P ₂ O ₅	38	Band *	P ₂ O ₅	31	Band *	P ₂ O ₅	23	Band *							
	Potassium	270 ppm	*****				K ₂ O	0		K ₂ O	10	Band (Starter)*	K ₂ O	0								
	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						Soil pH			Buffer pH			Cation Exchange Capacity			% Base Saturation (Typical Range)						
	Org.Matter															% Ca	% Mg	% K	% Na	% H		
	Carbonate(CCE)						0-6" 7.4															
	Sol. Salts	0-6" 6-24"	0.48 mmho/cm	0.62 mmho/cm	*****				6-24" 8.2													

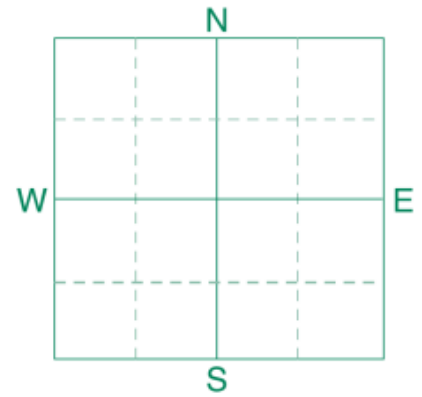
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 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: P2O5 = 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 **WOSW29119**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **15-W**
 SECTION **29** QTR **SW** ACRES **119**
 PREV. CROP



SUBMITTED FOR:
Wolf

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

REF # **3175474** BOX # **2133**
 LAB # **NW227929**

Date Sampled

Date Received **12/03/2020**

Date Reported **12/7/2020**

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"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL		
	28 lb/acre 24 lb/acre					50 BU	60 BU	4 Tons						
	0-24"					52 lb/acre	SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES	
						Band			Band			Band		
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Phosphorus	Olsen 11 ppm	*****				N 123		N 110		N 68				
Potassium	299 ppm	*****				P ₂ O ₅ 35	Band *	P ₂ O ₅ 29	Band *	P ₂ O ₅ 21	Band *			
Chloride						K ₂ O 0		K ₂ O 10	Band (Starter)*	K ₂ O 0				
Sulfur						Cl		Cl		Cl				
Boron						S		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)														
						Soil pH	Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)				
								% Ca	% Mg	% K	% Na	% H		
Sol. Salts	0-6" 6-24"	*****				0-6" 7.1								
	0.99 mmho/cm 0.98 mmho/cm	*****				6-24" 8.1								

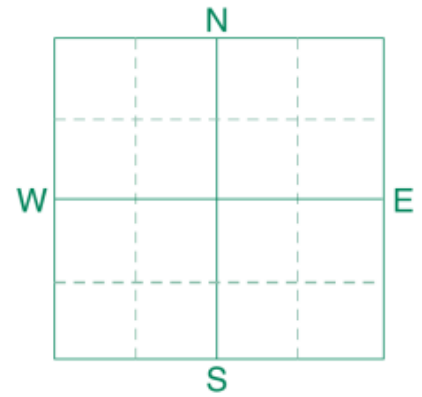
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 38 K2O = 23 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: P2O5 = 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 **WONW29119**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **15-W**
 SECTION **29** QTR **NW** ACRES **119**
 PREV. CROP



SUBMITTED FOR:
Wolf

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

REF # **3175476** BOX # **2126**
 LAB # **NW227931**

Date Sampled

Date Received **12/03/2020**

Date Reported **12/7/2020**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Canola-bu			Wheat-Spring			Grass/Pasture		
						YIELD GOAL			YIELD GOAL			YIELD GOAL		
		*****				50 BU			60 BU			4 Tons		
						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
						Band			Band			Band		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
Nitrate	0-6" 6-24" 32 lb/acre 27 lb/acre 0-24" 59 lb/acre					N	116		N	103		N	61	
Phosphorus	Olsen 13 ppm					P ₂ O ₅	30	Band *	P ₂ O ₅	25	Band *	P ₂ O ₅	16	Band *
Potassium	323 ppm					K ₂ O	0		K ₂ O	10	Band (Starter)*	K ₂ O	0	
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						Soil pH			Cation Exchange Capacity			% Base Saturation (Typical Range)		
Org.Matter						Buffer pH			% Ca	% Mg	% K	% Na	% H	
Carbonate(CCE)						0-6" 7.3								
Sol. Salts	0-6" 6-24" 0.62 mmho/cm 1.69 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: P2O5 = 45 K2O = 23 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: P2O5 = 38 K2O = 23 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: P2O5 = 48 K2O = 180 AGVISE Band guideline will build P & K test levels to the medium range over several years.