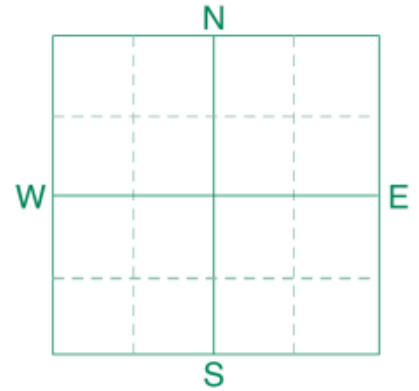




Soil Analysis by Agvise Laboratories
 (http://www.agvise.com)
 Northwood: (701) 587-6010
 Benson: (320) 843-4109

SOIL TEST REPORT

FIELD ID **PINW14160**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **14** QTR **NW** ACRES **160**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3313179** BOX # **4290**
 LAB # **NW120374**

Date Sampled

Date Received **09/28/2021**

Date Reported **09/30/2021**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice				
		VLow	Low	Med	High	Wheat-Spring			Canola-bu			YIELD GOAL				
Nitrate	0-6" 6-24"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL				
		*****				70 BU			50 BU							
	0-24"	*****				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES				
		*****				Band			Band							
		*****				LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION			
Olsen	20 ppm	*****				N	143		N	129		N				
Phosphorus		*****				P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	13	Band *	P ₂ O ₅				
Potassium	336 ppm	*****				K ₂ O	10	Band (Starter)*	K ₂ O	0		K ₂ O				
Chloride		*****				Cl			Cl			Cl				
Sulfur	0-6" 6-24"	*****				S	0		S	10	Band	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	0		Lime	0		Lime				
Sodium		*****														
Org.Matter		*****														
Carbonate(CCE)		*****														
Sol. Salts	0-6"	*****				Soil pH	Buffer pH		Cation Exchange Capacity			% Base Saturation (Typical Range)				
	6-24"	*****				0-6" 6.8						% Ca	% Mg	% K	% Na	% H
	0.48 mmho/cm	*****				6-24" 7.8										
	0.51 mmho/cm	*****														

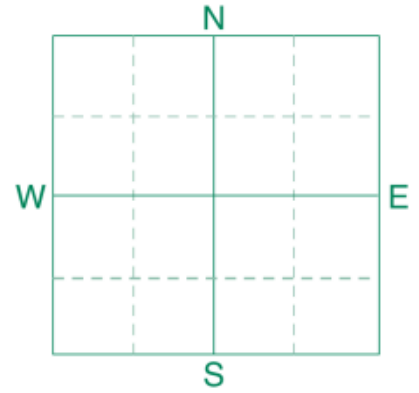
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 44 K2O = 26 AGVISE Band guideline will build P & K test levels to the medium range over several years.
 Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 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 **PINE14160**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **14** QTR **NE** ACRES **160**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3313180** BOX # **4290**
 LAB # **NW120375**

Date Sampled

Date Received **09/28/2021**

Date Reported **09/30/2021**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow	Low	Med	High	Wheat-Spring		Canola-bu					
Nitrate	0-6" 6-24"	*****				YIELD GOAL		YIELD GOAL		YIELD GOAL			
						70 BU		50 BU					
	0-24"					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
						Band		Band					
Olsen	13 ppm	*****				LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Phosphorus						N	167	N	153	N			
Potassium	258 ppm	*****				P ₂ O ₅	29 Band *	P ₂ O ₅	30 Band *	P ₂ O ₅			
Chloride						K ₂ O	10 Band (Starter)*	K ₂ O	0	K ₂ O			
Sulfur	0-6" 6-24"	*****				Cl		Cl		Cl			
						S	0	S	10 Band	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)													
Sol. Salts	0-6"	*****				Soil pH	Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)			
	6-24"	*****				0-6" 7.4				% Ca	% Mg	% K	% Na
						6-24" 8.3							

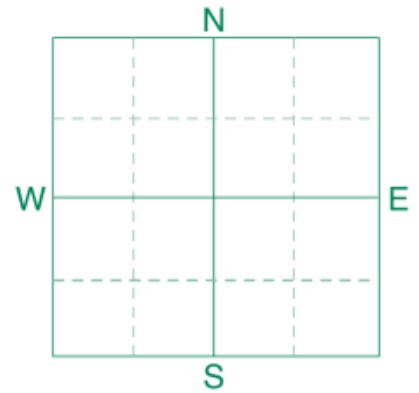
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 44 K2O = 26 AGVISE Band guideline will build P & K test levels to the medium range over several years.
 Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 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 **PISW23120**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **23** QTR **SW** ACRES **120**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3325255** BOX # **731**
 LAB # **NW61384**

Date Sampled

Date Received **08/28/2021**

Date Reported **08/30/2021**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		VLow	Low	Med	High							
Nitrate	0-6" 6-24"	16 lb/acre 75 lb/acre				Canola-bu		Wheat-Spring		Grass/Pasture		
						YIELD GOAL		YIELD GOAL		YIELD GOAL		
	0-24"	91 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	10 ppm				N	84	N	71	N	29	
Potassium		184 ppm				P ₂ O ₅	38 Band *	P ₂ O ₅	31 Band *	P ₂ O ₅	23 Band *	
Chloride						K ₂ O	0	K ₂ O	10 Band (Starter)*	K ₂ O	19 Band *	
Sulfur	0-6" 6-24"	28 lb/acre 150 lb/acre				Cl		Cl		Cl		
Boron						S	15 Band	S	0	S	0	
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"	0.34 mmho/cm 0.47 mmho/cm				0-6" 7.9 6-24" 8.5						

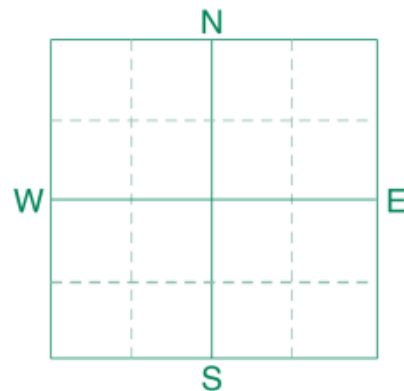
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 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: 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 **PISW2480**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **24** QTR **SW** ACRES **80**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3325256** BOX # **731**
 LAB # **NW61385**

Date Sampled

Date Received **08/28/2021**

Date Reported **08/30/2021**

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		Wheat-Spring		Grass/Pasture				
		*****				YIELD GOAL		YIELD GOAL		YIELD GOAL				
	0-24"	*****				50 BU		60 BU		4 Tons				
		*****				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
Phosphorus	Olsen	*****				Band		Band		Band				
		*****				LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Potassium	236 ppm	*****				N	52	N	39	N	22			
Chloride		*****				P ₂ O ₅	30 Band *	P ₂ O ₅	25 Band *	P ₂ O ₅	16 Band *			
		*****				K ₂ O	0	K ₂ O	10 Band (Starter)*	K ₂ O	6 Band *			
Sulfur	0-6" 6-24"	*****				Cl		Cl		Cl				
Boron		*****				S	15 Band	S	0	S	0			
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"	*****				0-6"	7.9							
	6-24"	*****				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: P205 = 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: P205 = 38 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.

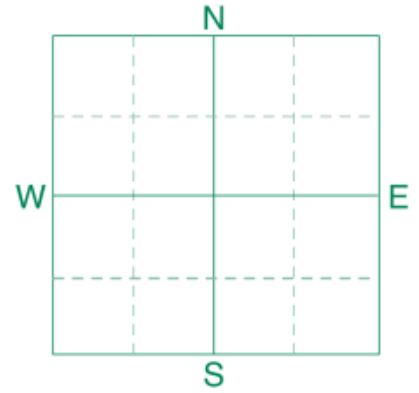
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 48 K2O = 180 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **PISE15151**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **15** QTR **SE** ACRES **151**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3325265** BOX # **731**
 LAB # **NW61386**

Date Sampled

Date Received **08/28/2021**

Date Reported **08/30/2021**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High									
Nitrate	0-6" 6-24"	12 lb/acre 93 lb/acre				Canola-bu		Wheat-Spring		Barley				
						YIELD GOAL		YIELD GOAL		YIELD GOAL				
	0-24"	105 lb/acre				44 BU		70 BU		80 BU				
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Band		Band		Band				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Olsen	18 ppm					N	49		N	84		N	45	Customized
Phosphorus						P ₂ O ₅	15	Band *	P ₂ O ₅	18	Band *	P ₂ O ₅	15	Band (Starter)*
Potassium	287 ppm					K ₂ O	0		K ₂ O	10	Band (Starter)*	K ₂ O	10	Band (Starter)*
Chloride						Cl			Cl			Cl		
Sulfur	0-6" 6-24"	20 lb/acre 60 lb/acre				S	15	Band	S	5	Band (Trial)	S	5	Band (Trial)
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)														
Sol. Salts	0-6"	0.36 mmho/cm				Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)					
	6-24"	0.37 mmho/cm				0-6" 7.6			% Ca	% Mg	% K	% Na	% H	
						6-24" 8.2								

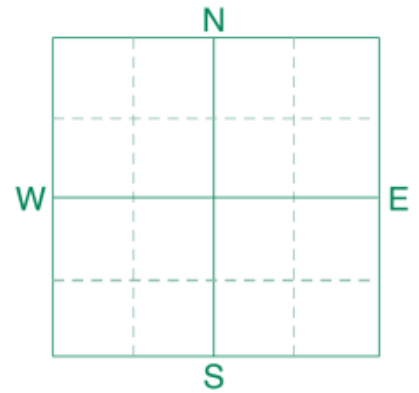
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 40 K2O = 20 AGVISE Band guideline will build P & K test levels to the medium range over several years.
 Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* 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: Nitrogen guideline customized by the submitter. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 38 K2O = 40 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 **PISW15108**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **15** QTR **SW** ACRES **77**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3325269** BOX # **709**
 LAB # **NW61387**

Date Sampled

Date Received **08/28/2021**

Date Reported **08/30/2021**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High									
Nitrate	0-6" 6-24"	16 lb/acre 96 lb/acre				Canola-bu		Wheat-Spring		Barley				
						YIELD GOAL		YIELD GOAL		YIELD GOAL				
	0-24"	112 lb/acre				50 BU		70 BU		80 BU				
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Band		Band		Band				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Olsen	20 ppm					N	63			N	38	Customized		
Phosphorus						P ₂ O ₅	13	Band *	P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	15	Band (Starter)*
Potassium	162 ppm					K ₂ O	7	Band *	K ₂ O	19	Band *	K ₂ O	19	Band *
Chloride						Cl			Cl			Cl		
Sulfur	0-6" 6-24"	26 lb/acre 96 lb/acre				S	15	Band	S	0		S	0	
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)														
Sol. Salts	0-6"	0.37 mmho/cm				Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)					
	6-24"	0.38 mmho/cm				0-6" 7.0			% Ca	% Mg	% K	% Na	% H	
						6-24" 8.0								

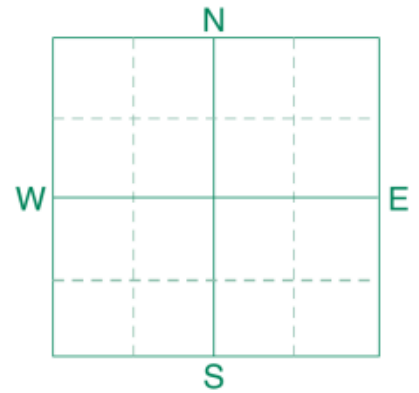
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 44 K2O = 26 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 3: Nitrogen guideline customized by the submitter. *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 38 K2O = 40 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 **PISE2396**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **23** QTR **SE** ACRES **66**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3325271** BOX # **731**
 LAB # **NW61388**

Date Sampled

Date Received **08/28/2021**

Date Reported **08/30/2021**

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		Wheat-Spring		Grass/Pasture		
		*****				YIELD GOAL		YIELD GOAL		YIELD GOAL		
	0-24"	*****				50 BU		60 BU		4 Tons		
		*****				SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
Phosphorus	Olsen	*****				Band		Band		Band		
		*****				LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Potassium	198 ppm	*****				N	69	N	56	N	27	
Chloride		*****				P ₂ O ₅	30	P ₂ O ₅	25	P ₂ O ₅	16	
		*****				K ₂ O	0	K ₂ O	10	K ₂ O	15	
Sulfur	0-6" 6-24"	*****				Cl		Cl		Cl		
		*****				S	10	S	0	S	0	
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)												
Sol. Salts	0-6"	*****				Soil pH	Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)		
	6-24"	*****				0-6" 7.6			% Ca	% Mg	% K	% Na

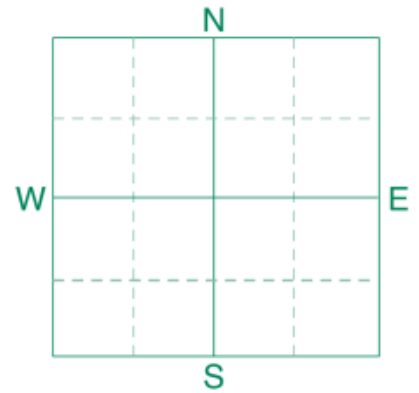
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 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: 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 **PISW10158**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **10** QTR **SW** ACRES **158**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3600821** BOX # **4497**
 LAB # **NW18688**

Date Sampled

Date Received **04/19/2022**

Date Reported **04/20/2022**

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"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL				
	3 lb/acre 42 lb/acre					50 BU			70 BU			4 Tons				
	0-24"	*****				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES				
	45 lb/acre					Band			Band			Band				
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION			
Olsen	14 ppm	*****				N	130		N	144		N	75			
Phosphorus						P ₂ O ₅	28	Band *	P ₂ O ₅	27	Band *	P ₂ O ₅	13	Band *		
Potassium	148 ppm	*****				K ₂ O	14	Band *	K ₂ O	25	Band *	K ₂ O	28	Band *		
Chloride						Cl			Cl			Cl				
Sulfur	0-6" 6-24"	*****				S	15	Band	S	0		S	0			
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)																
Sol. Salts	0-6"	*****				Soil pH	Buffer pH		Cation Exchange Capacity			% Base Saturation (Typical Range)				
	0.42 mmho/cm 0.25 mmho/cm	*****				0-6" 7.2 6-24" 8.1						% Ca	% Mg	% K	% Na	% H

Crop 1: *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 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.

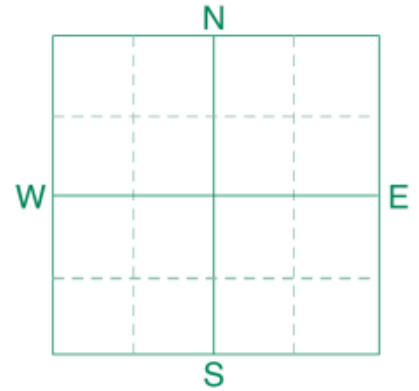
Crop 3: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 48 K2O = 180 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **PINE08160**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **8** QTR **NE** ACRES **147**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3600822** BOX # **4406**
 LAB # **NW18689**

Date Sampled _____ Date Received **04/19/2022** Date Reported **04/20/2022**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice					
		VLow Low Med High										
Nitrate	0-6" 6-24"	27 lb/acre 39 lb/acre			Canola-bu	Wheat-Spring		Grass/Pasture				
					YIELD GOAL	YIELD GOAL		YIELD GOAL				
	0-24"	66 lb/acre			50 BU	70 BU		4 Tons				
					SUGGESTED GUIDELINES	SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
					Band		Band					
					LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Olsen	17 ppm				N	109	N	123	N	54		
Phosphorus					P ₂ O ₅	20 Band *	P ₂ O ₅	20 Band *	P ₂ O ₅	6 Band *		
Potassium	268 ppm				K ₂ O	0	K ₂ O	10 Band (Starter)*	K ₂ O	0		
Chloride					Cl		Cl		Cl			
Sulfur	0-6" 6-24"	26 lb/acre 48 lb/acre			S	15 Band	S	5 Band (Trial)	S	5 Band (Trial)		
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)												
Sol. Salts	0-6"	0.58 mmho/cm			Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
	6-24"	0.38 mmho/cm			0-6" 7.0			% Ca	% Mg	% K	% Na	% H
					6-24" 8.0							

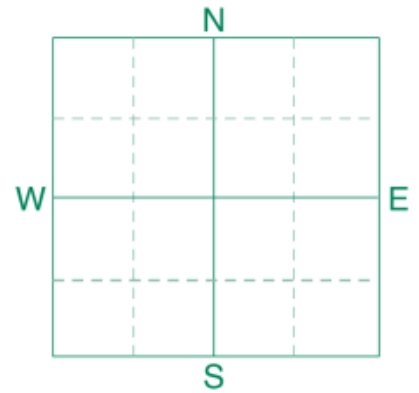
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: 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.



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

SOIL TEST REPORT

FIELD ID **PISE08160**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **8** QTR **SE** ACRES **130**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3600823** BOX # **4406**
 LAB # **NW18690**

Date Sampled

Date Received **04/19/2022**

Date Reported **04/20/2022**

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"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL		
	51 lb/acre 45 lb/acre					50 BU			70 BU			4 Tons		
	0-24"					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
	96 lb/acre					Band			Band			Band		
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Olsen	15 ppm					N	79		N	93		N	24	
Phosphorus						P ₂ O ₅	25	Band *	P ₂ O ₅	25	Band *	P ₂ O ₅	11	Band *
Potassium	196 ppm					K ₂ O	0		K ₂ O	10	Band (Starter)*	K ₂ O	16	Band *
Chloride						Cl			Cl			Cl		
Sulfur	0-6" 6-24"	*****				S	15	Band	S	5	Band (Trial)	S	5	Band (Trial)
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)														
	0-6" 6-24"	*****				Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)					
	0.55 mmho/cm 0.31 mmho/cm					% Ca	% Mg	% K	% Na	% H				
Sol. Salts						0-6" 7.0								
						6-24" 8.4								

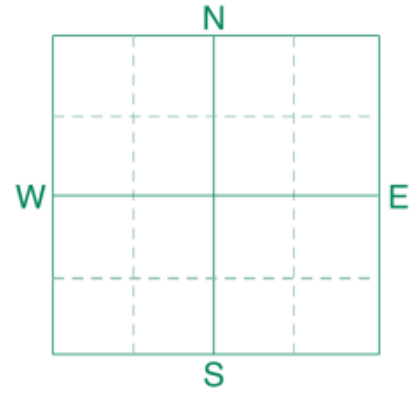
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: 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.



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

SOIL TEST REPORT

FIELD ID **PIS22156**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **22** QTR **S** ACRES **156**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3713040** BOX # **984**
 LAB # **NW65556**

Date Sampled

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	Canola-bu			Wheat-Spring			Corn-Grain		
Nitrate	0-6" 6-24"	15 lb/acre 12 lb/acre	*****	*****		YIELD GOAL			YIELD GOAL			YIELD GOAL		
	0-24"	27 lb/acre				50 BU			70 BU			160 BU		
						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
						Band			Band			Band		
	Olsen	13 ppm	*****	*****	*****	LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
Phosphorus						N	148		N	162		N	165	
Potassium		150 ppm	*****	*****	*****	P ₂ O ₅	30	Band *	P ₂ O ₅	29	Band *	P ₂ O ₅	36	Band *
Chloride						K ₂ O	13	Band *	K ₂ O	25	Band *	K ₂ O	39	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						Soil pH			Cation Exchange Capacity			% Base Saturation (Typical Range)		
Carbonate(CCE)						Buffer pH			% Ca	% Mg	% K	% Na	% H	
Sol. Salts	0-6"	0.77 mmho/cm	*****	*****	*****	0-6"	7.0							
	6-24"	0.34 mmho/cm	*****	*****	*****	6-24"	7.9							

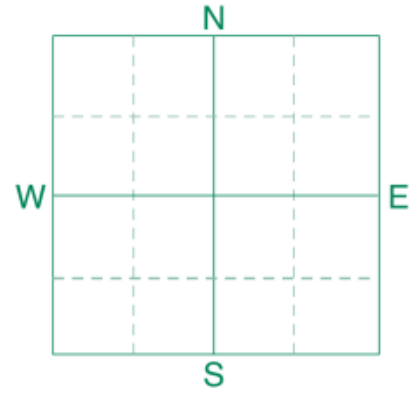
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* 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 **PIW22110**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **22** QTR **W** ACRES **110**
 PREV. CROP



SUBMITTED FOR:

Pinot

SUBMITTED BY: **HY4851**

HYLIFE LTD.
5 FABAS STREET
BOX 100
LA BROQUERIE, MB ROA 0W0

REF # **3713041** BOX # **964**
 LAB # **NW65557**

Date Sampled

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	Canola-bu			Wheat-Spring			Corn-Grain					
Nitrate	0-6" 12 lb/acre	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL					
	6-24" 12 lb/acre					50 BU			70 BU			160 BU					
	0-24" 24 lb/acre					SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES					
						Band		Band		Band							
		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION								
Olsen Phosphorus	34 ppm	*****				N	151		N	165		N	168				
Potassium	203 ppm	*****				P ₂ O ₅	10	Band (Starter)*	P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	15	Band (2x2) *			
Chloride						K ₂ O	0		K ₂ O	10	Band (Starter)*	K ₂ O	16	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	0		Lime	0		Lime	0				
Org.Matter						Soil pH			Buffer pH			Cation Exchange Capacity			% Base Saturation (Typical Range)		
Carbonate(CCE)												% Ca	% Mg	% K	% Na	% H	
Sol. Salts	0-6" 0.27 mmho/cm	*****			***	0-6" 6.6											
	6-24" 0.14 mmho/cm					6-24" 7.9											

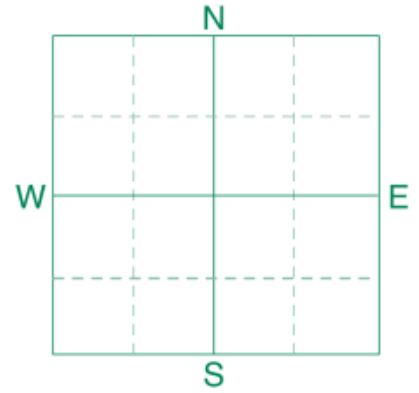
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* 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 **PINE22109**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **22** QTR **NE** ACRES **109**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3713047** BOX # **984**
 LAB # **NW65558**

Date Sampled

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	Canola-bu			Wheat-Spring			Corn-Grain				
Nitrate	0-6" 6-24"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL				
	18 lb/acre 9 lb/acre					50 BU			70 BU			160 BU				
	0-24"	*****				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES				
	27 lb/acre					Band			Band			Band				
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION			
	Olsen	*****				N	148		N	162		N	165			
Phosphorus	11 ppm					P ₂ O ₅	35	Band *	P ₂ O ₅	34	Band *	P ₂ O ₅	44	Band *		
Potassium	119 ppm					K ₂ O	28	Band *	K ₂ O	40	Band *	K ₂ O	53	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	0		Lime	0		Lime	0			
Sodium						Soil pH			Cation Exchange Capacity			% Base Saturation (Typical Range)				
Org.Matter						Buffer pH			% Ca	% Mg	% K	% Na	% H			
Carbonate(CCE)						0-6" 6.7										
						6-24" 8.3										
Sol. Salts																

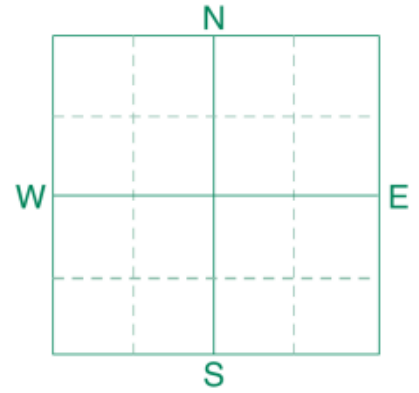
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* 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 **PINW15158**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **15** QTR **NW** ACRES **158**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3717923** BOX # **6046**
 LAB # **NW81121**

Date Sampled

Date Received **09/15/2022**

Date Reported **09/16/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice			
		VLow	Low	Med	High	Corn-Grain			Canola-bu			YIELD GOAL			
Nitrate	0-6" 6-24"	*****				160 BU			50 BU			YIELD GOAL			
	0-24"	*****				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
		*****				Band			Band			Band			
		*****				LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		
Phosphorus	Olsen 10 ppm	*****				N	157		N	140		N			
Potassium	187 ppm	*****				P ₂ O ₅	48	Band *	P ₂ O ₅	38	Band *	P ₂ O ₅			
Chloride						K ₂ O	23	Band *	K ₂ O	0		K ₂ O			
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	0		Lime	0		Lime			
Org.Matter						Soil pH			Buffer pH			Cation Exchange Capacity			
Carbonate(CCE)						% Base Saturation (Typical Range)			% Ca			% Mg			
						% K			% Na			% H			
Sol. Salts	0-6" 6-24"	*****				0-6"	6.5								
		*****				6-24"	7.9								

Crop 1: *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.

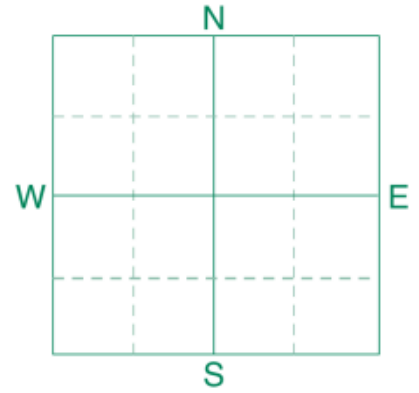
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.



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

SOIL TEST REPORT

FIELD ID **PINE15158**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **15** QTR **NE** ACRES **158**
 PREV. CROP



SUBMITTED FOR:
Pinot

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

REF # **3717924** BOX # **2518**
 LAB # **NW81122**

Date Sampled

Date Received **09/15/2022**

Date Reported **09/16/2022**

Nutrient In The Soil		Interpretation				1st Crop Choice			2nd Crop Choice			3rd Crop Choice		
		VLow	Low	Med	High	Corn-Grain			Canola-bu			YIELD GOAL		
Nitrate	0-6" 6-24"	*****				YIELD GOAL			YIELD GOAL			YIELD GOAL		
	0-24"	*****				160 BU			50 BU					
		*****				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
		*****				Band			Band					
Olsen		*****				LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
Phosphorus	15 ppm	*****				N	155		N	138		N		
Potassium	212 ppm	*****				P ₂ O ₅	27	Band *	P ₂ O ₅	25	Band *	P ₂ O ₅		
Chloride						K ₂ O	12	Band *	K ₂ O	0		K ₂ O		
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"	*****				0-6"	7.6							
	6-24"	*****				6-24"	8.6							

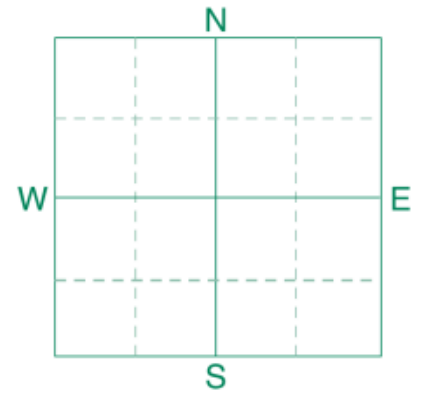
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 59 K2O = 37 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band 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 **SHSW27182**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **2** RANGE **16-W**
 SECTION **27** QTR **SW** ACRES **182**
 PREV. CROP



SUBMITTED FOR:

Shiraz

, MB

SUBMITTED BY: **HY4851**

HYLIFE LTD.
30 MARKET BLVD
STEINBACH, MB R5G 1T4

REF # **4110695** BOX # **1215**
 LAB # **NW69476**

Date Sampled

Date Received **09/05/2023**

Date Reported **09/06/2023**

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		
						50 BU			70 BU			4 Tons		
	0-24"	*****				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
						Band			Band			Band		
	Olsen	*****				LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
Phosphorus	15 ppm	*****				N	82		N	96		N	27	
Potassium	215 ppm	*****				P ₂ O ₅	25	Band *	P ₂ O ₅	25	Band *	P ₂ O ₅	11	Band *
Chloride						K ₂ O	0		K ₂ O	10	Band (Starter)*	K ₂ O	11	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						Soil pH			Cation Exchange Capacity			% Base Saturation (Typical Range)		
Carbonate(CCE)						Buffer pH			% Ca	% Mg	% K	% Na	% H	
Sol. Salts	0-6"	*****				0-6"	7.0							
	6-24"	*****				6-24"	8.2							

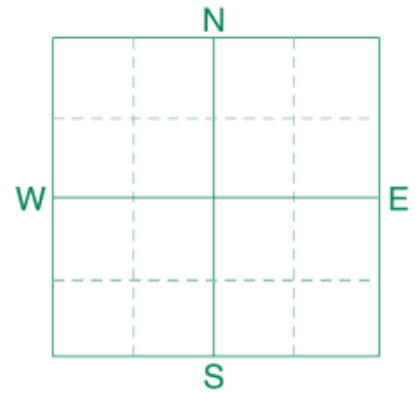
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: 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.



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

SOIL TEST REPORT

FIELD ID **PINE09146**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **02** RANGE **16-W**
 SECTION **9** QTR **NE** ACRES **146**
 PREV. CROP



SUBMITTED FOR:
Pinot
 , MB

SUBMITTED BY: **HY4851**
HYLIFE LTD.
30 MARKET BLVD
STEINBACH, MB **R5G 2X9**

REF # **4110781** BOX # **281**
 LAB # **NW58530**

Date Sampled _____ Date Received **08/24/2023** Date Reported **08/25/2023**

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				
						YIELD GOAL		YIELD GOAL		YIELD GOAL				
	0-24"					50 BU		70 BU		4 Tons				
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Band		Band		Band				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
						N	18	N	32	N	3			
Olsen	11 ppm	*****				P ₂ O ₅	35	Band *	P ₂ O ₅	34	Band *	P ₂ O ₅	21	Band *
Phosphorus						K ₂ O	0		K ₂ O	10	Band (Starter)*	K ₂ O	17	Band *
Potassium	190 ppm	*****				Cl			Cl			Cl		
Chloride						S			S			S		
Sulfur						B			B			B		
Boron						Zn			Zn			Zn		
Zinc						Fe			Fe			Fe		
Iron						Mn			Mn			Mn		
Manganese						Cu			Cu			Cu		
Copper						Mg			Mg			Mg		
Magnesium						Lime	0		Lime	0		Lime	0	
Calcium						Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Sodium						Buffer pH			% Ca	% Mg	% K	% Na	% H	
Org.Matter						0-6" 6.9								
Carbonate(CCE)						6-24" 8.0								
Sol. Salts	0-6" 0.47 mmho/cm 6-24" 0.45 mmho/cm	*****												

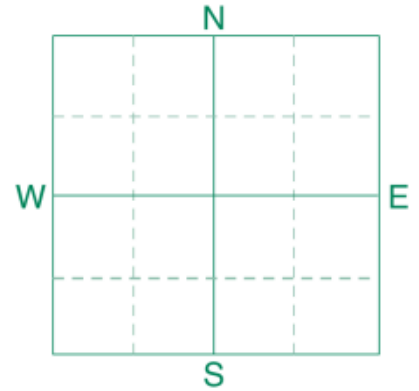
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: 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.



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

SOIL TEST REPORT

FIELD ID **PISE09160**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **02** RANGE **16-W**
 SECTION **9** QTR **SE** ACRES **160**
 PREV. CROP



SUBMITTED FOR:
Pinot

SUBMITTED BY: **HY4851**
HYLIFE LTD.
30 MARKET BLVD
STEINBACH, MB **R5G 1T4**

REF # **4214647** BOX # **7**
 LAB # **NW126815**

Date Sampled

Date Received **09/26/2023**

Date Reported **09/27/2023**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow	Low	Med	High								
Nitrate	0-6" 6-24"	28 lb/acre 42 lb/acre				Canola-bu		Wheat-Spring		Grass/Pasture			
						YIELD GOAL		YIELD GOAL		YIELD GOAL			
	0-24"	70 lb/acre				50 BU		70 BU		4 Tons			
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
						Band		Band		Band			
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
						N	105			N	50		
Phosphorus	Olsen	11 ppm				P ₂ O ₅	35	Band *	P ₂ O ₅	34	Band *		
Potassium		230 ppm				K ₂ O	0		K ₂ O	10	Band (Starter)*		
Chloride						Cl			Cl				
Sulfur						S			S				
Boron						B			B				
Zinc						Zn			Zn				
Iron						Fe			Fe				
Manganese						Mn			Mn				
Copper						Cu			Cu				
Magnesium						Mg			Mg				
Calcium						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"	0.37 mmho/cm 0.28 mmho/cm				6-24" 8.3							

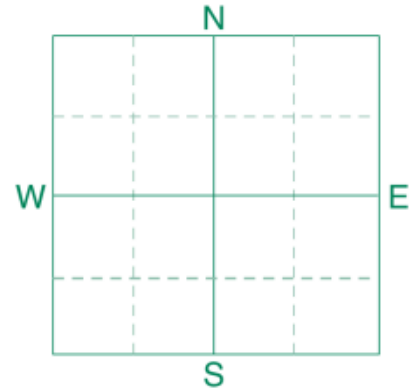
Crop 1: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 45 K2O = 23 AGVISE Band guideline will build P & K test levels to the medium range over several years.
Crop 2: *CAUTION: Seed-placed fertilizer can cause injury.* May respond to starter P & K, even on high soil tests. Crop nutrient removal: 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.



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

SOIL TEST REPORT

FIELD ID **PINW10158**
 SAMPLE ID
 FIELD NAME
 COUNTY
 TWP **02** RANGE **16-W**
 SECTION **10** QTR **NW** ACRES **158**
 PREV. CROP



SUBMITTED FOR:
Pinot

SUBMITTED BY: **HY4851**
HYLIFE LTD.
30 MARKET BLVD
STEINBACH, MB **R5G 1T4**

REF # **4214655** BOX # **45**
 LAB # **NW126816**

Date Sampled

Date Received **09/26/2023**

Date Reported **09/27/2023**

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		
		*****				50 BU			70 BU			4 Tons		
	0-24"	*****				SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
		*****				Band			Band			Band		
		*****				LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
Olsen	21 ppm	*****				N	54		N	68		N	0	
Phosphorus		*****				P ₂ O ₅	10	Band (Starter)*	P ₂ O ₅	15	Band (Starter)*	P ₂ O ₅	0	
Potassium	184 ppm	*****				K ₂ O	0		K ₂ O	10	Band (Starter)*	K ₂ O	19	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						Soil pH			Cation Exchange Capacity			% Base Saturation (Typical Range)		
Org.Matter						Buffer pH			% Ca	% Mg	% K	% Na	% H	
Carbonate(CCE)						0-6" 7.6								
						6-24" 8.3								
Sol. Salts	0-6" 0.53 mmho/cm 6-24" 0.4 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 = 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: 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.