

Web address: http://www.mmpp.com/mmpp.nsf/mmpp_browser_variety.html

MMPP Variety Yield Data Browser - (Query Help)

[Save Raw Data](#)[New Search](#)

Search Summary

Your selected search:

Region(s) Selected: ROSSER

Crop(s) Selected: ALFALFA

Variety(s) Selected: All

Period Selected: 2005 to 2015

This search returned 38 records from the MASC database, summarized below:

Sum of Farm Varieties:	127 farms
Total Acres:	22,469 acres
Yield per Acre:	2.243 Tons / acre (2.036 tonnes / acre)

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Web address: http://www.mmpp.com/mmpp.nsf/mmpp_browser_variety.html

MMPP Variety Yield Data Browser - (Query Help)

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Search Summary

Your selected search:

Region(s) Selected: ROSSER

Crop(s) Selected: SILAGE CORN

Variety(s) Selected: All

Period Selected: 2005 to 2015

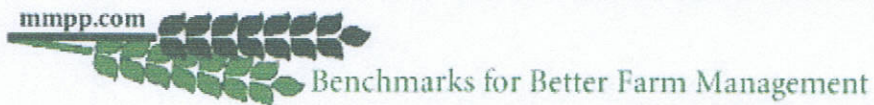
This search returned 55 records from the MASC database, summarized below:

Sum of Farm Varieties:	69 farms
Total Acres:	9,218 acres
Yield per Acre:	13.247 Tons / acre (12.021 tonnes / acre)

x .35

= 4.64 ton/acre

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Web address: http://www.mmpp.com/mmpp.nsf/mmpp_browser_variety.html

MMPP Variety Yield Data Browser - (Query Help)

Search Summary

Your selected search:

Region(s) Selected: ROSSER

Crop(s) Selected: GRAIN CORN

Variety(s) Selected: All

Period Selected: 2005 to 2015

This search returned 50 records from the MASC database, summarized below:

Sum of Farm Varieties:	85 farms
Total Acres:	16,742 acres
Yield per Acre:	102.9 Bushels / acre (2.614 tonnes / acre)

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Web address: http://www.mmpp.com/mmpp.nsf/mmpp_browser_variety.html

MMPP Variety Yield Data Browser - (Query Help)

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Search Summary

Your selected search:

Region(s) Selected: ROCKWOOD

Crop(s) Selected: GRAIN CORN

Variety(s) Selected: All

Period Selected: 2005 to 2015

This search returned 35 records from the MASC database, summarized below:

Sum of Farm Varieties: **42 farms**

Total Acres: **5,791 acres**

Yield per Acre: **96.1 Bushels / acre** (2.440 tonnes / acre)

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Web address: http://www.mmpp.com/mmpp.nsf/mmpp_browser_variety.html

MMPP Variety Yield Data Browser - (Query Help)

[Save Raw Data](#)[New Search](#)

Search Summary

Your selected search:

Region(s) Selected: ROCKWOOD

Crop(s) Selected: SILAGE CORN

Variety(s) Selected: All

Period Selected: 2005 to 2015

This search returned 64 records from the MASC database, summarized below:

Sum of Farm Varieties: **77 farms**

Total Acres: **5,265 acres**

Yield per Acre: **13.806 Tons / acre** (12.528 tonnes / acre)

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[Save Raw Data](#)[New Search](#)



Web address: http://www.mmpp.com/mmpp.nsf/mmpp_browser_variety.html

MMPP Variety Yield Data Browser - (Query Help)

[Save Raw Data](#)[New Search](#)

Search Summary

Your selected search:

Region(s) Selected: ROCKWOOD

Crop(s) Selected: ALFALFA

Variety(s) Selected: All

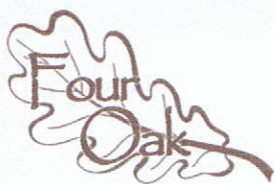
Period Selected: 2005 to 2015

This search returned 48 records from the MASC database, summarized below:

Sum of Farm Varieties:	212 farms
Total Acres:	17,459 acres
Yield per Acre:	2.148 Tons / acre (1.949 tonnes / acre)

[View Raw Data](#)

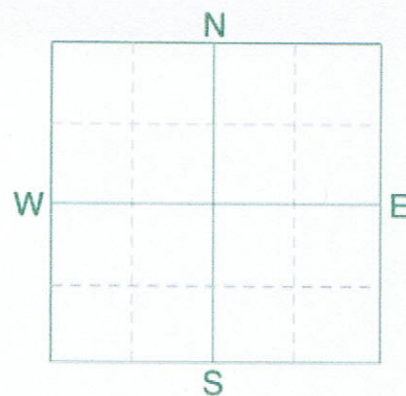
[Save Raw Data](#)[New Search](#)



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

SOIL TEST REPORT

FIELD ID **NE 12-13-02E**
 SAMPLE ID
 FIELD NAME **NE 12-13-02E**
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP **Grass/Pasture**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB ROA **0V0**

REF # **1673000** BOX # **0**
 LAB # **NW87452**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		V	Low	Med	High							
Nitrate	0-6" 21 lb/ac					Alfalfa		Corn-Silage		Soybeans		
	6-24" 18 lb/ac					YIELD GOAL		YIELD GOAL		YIELD GOAL		
	0-24" 39 lb/ac	*****				5 Tons		18 Tons		50 BU		
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
Olsen	8 ppm	*****				Broadcast		Broadcast		Broadcast		
Phosphorus	302 ppm	*****				LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Potassium	302 ppm	*****				N 0		N 148		N ***		
Chloride						P ₂ O ₅ 82	Broadcast	P ₂ O ₅ 107	Broadcast	P ₂ O ₅ 68	Broadcast	
						K ₂ O 0		K ₂ O 10	Band (2x2) *	K ₂ O 0		
Sulfur	0-6" 120 +lb/ac 6-24" 360 +lb/ac	*****				Cl		Cl		Cl		
Boron						S 0		S 0		S 0		
Zinc	2.97 ppm	*****				B		B		B		
Iron						Zn 0		Zn 0		Zn 0		
Manganese						Fe		Fe		Fe		
Copper	1.79 ppm	*****				Mn		Mn		Mn		
Magnesium						Cu 0		Cu 0		Cu 0		
Calcium						Mg		Mg		Mg		
Sodium						Lime		Lime		Lime		
Org.Matter	11.2 %	*****				Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
Carbonate(CCE)						Buffer pH		% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 4.39 mmho/cm	*****				0-6" 8.2						
	6-24" 3.03 mmho/cm	*****				6-24" 8.4						

Crop 1: Many crops may respond to a starter application of P & K even on high soil tests. High salt levels may decrease yields in portions of this field. Crop Removal: P205 = 50 K2O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Many crops may respond to a starter application of P & K even on high soil tests. High salt levels may decrease yields in portions of this field. Crop Removal: P205 = 65 K2O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

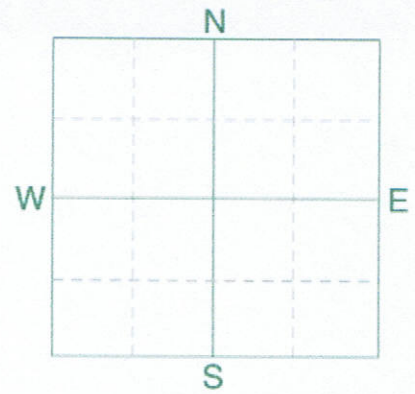
Crop 3: Many crops may respond to a starter application of P & K even on high soil tests. High salt levels may decrease yields in portions of this field. Crop Removal: P205 = 44 K2O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.



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

SOIL TEST REPORT

FIELD ID **SE 21-12-02E**
 SAMPLE ID
 FIELD NAME **SE 21-12-02E**
 COUNTY
 TWP RANGE
 SECTION QTR ACRES **0**
 PREV. CROP



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB **ROA 0V0**

REF # **1672998** BOX # **0**
 LAB # **NW87408**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **10/13/2016**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		V Low Low Med High	Alfalfa		Corn-Silage		Soybeans		
	0-6" 35 lb/ac 6-24" 24 lb/ac	*****	YIELD GOAL		YIELD GOAL		YIELD GOAL		
	0-24" 59 lb/ac		5 Tons		18 Tons		50 BU		
Nitrate			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
			Broadcast		Broadcast		Broadcast		
	Olsen 21 ppm	*****	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Phosphorus			N	0	N	128	N	***	
Potassium	338 ppm	*****	P ₂ O ₅	0	P ₂ O ₅	42 Broadcast	P ₂ O ₅	0	
Chloride			K ₂ O	0	K ₂ O	10 Band (2x2) *	K ₂ O	0	
	0-6" 120 +lb/ac 6-24" 270 lb/ac	*****	Cl		Cl		Cl		
Sulfur			S	0	S	0	S	0	
Boron			B		B		B		
Zinc	2.37 ppm	*****	Zn	0	Zn	0	Zn	0	
Iron			Fe		Fe		Fe		
Manganese			Mn		Mn		Mn		
Copper	2.29 ppm	*****	Cu	0	Cu	0	Cu	0	
Magnesium			Mg		Mg		Mg		
Calcium			Lime		Lime		Lime		
Sodium			Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
Org.Matter	7.9 %	*****	Buffer pH				% Ca	% Mg	% K
Carbonate(CCE)							% Na	% H	
	0-6" 1.3 mmho/cm 6-24" 0.76 mmho/cm	*****							
Sol. Salts		*****	0-6" 8.4						
			6-24" 8.5						

Crop 1: Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 50 K2O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 65 K2O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

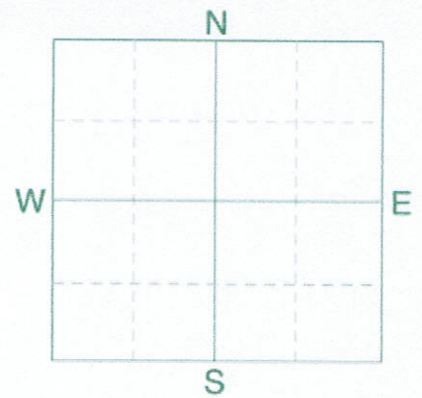
Crop 3: Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 44 K2O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.



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

SOIL TEST REPORT

FIELD ID **SW 21-12-02E**
 SAMPLE ID
 FIELD NAME **SW 21-12-02E**
 COUNTY **South Part**
 TWP RANGE **65ac.**
 SECTION QTR ACRES **0**
 PREV. CROP **Alfalfa**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB **ROA 0V0**

REF # **1672999** BOX # **0**
 LAB # **NW87411**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		V Low Low Med High	Alfalfa		Corn-Silage		Soybeans		
			YIELD GOAL		YIELD GOAL		YIELD GOAL		
		*****	5 Tons		18 Tons		50 BU		
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
			Broadcast		Broadcast		Broadcast		
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Nitrate	0-6" 22 lb/ac 6-24" 27 lb/ac		N	0	N	88	N	***	
Phosphorus	Olsen 7 ppm	*****	P ₂ O ₅	86 Broadcast	P ₂ O ₅	112 Broadcast	P ₂ O ₅	72 Broadcast	
Potassium	314 ppm	*****	K ₂ O	0	K ₂ O	10 Band (2x2) *	K ₂ O	0	
Chloride	0-6" 38 lb/ac 6-24" 24 lb/ac	*****	Cl		Cl		Cl		
Sulfur		*****	S	0	S	0	S	0	
Boron			B		B		B		
Zinc	0.83 ppm	*****	Zn	2 Broadcast	Zn	5 Broadcast	Zn	2 Broadcast	
Iron			Fe		Fe		Fe		
Manganese			Mn		Mn		Mn		
Copper	1.26 ppm	*****	Cu	0	Cu	0	Cu	0	
Magnesium			Mg		Mg		Mg		
Calcium			Lime		Lime		Lime		
Sodium									
Org. Matter	7.3 %	*****	Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
Carbonate(CCE)			Buffer pH				% Ca	% Mg	% K
	0-6" 0.59 mmho/cm 6-24" 0.39 mmho/cm	*****					% Na	% H	
Sol. Salts		*****	0-6" 7.7 6-24" 8.1						

Crop 1: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P₂O₅ = 50 K₂O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 50 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P₂O₅ = 65 K₂O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

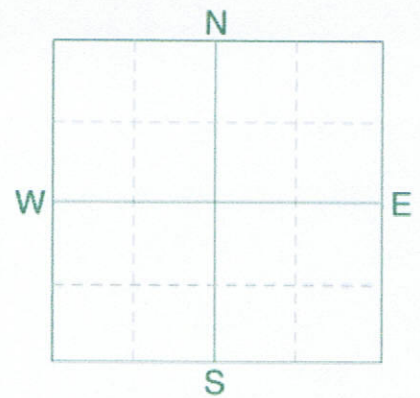
Crop 3: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P₂O₅ = 44 K₂O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.



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

SOIL TEST REPORT

FIELD ID **SW 21-12-02E**
 SAMPLE ID
 FIELD NAME **SW 21-12-02E**
 COUNTY **East Side**
 TWP RANGE **42.5ac**
 SECTION QTR ACRES **0**
 PREV. CROP **Alfalfa**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB ROA **0V0**

REF # **1673003** BOX # **0**
 LAB # **NW87451**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		Low High	Alfalfa		Corn-Silage		Soybeans		
			YIELD GOAL		YIELD GOAL		YIELD GOAL		
			5 Tons		18 Tons		50 BU		
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
			Broadcast		Broadcast		Broadcast		
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
			N	0	N	71	N	***	
			P ₂ O ₅	86 Broadcast	P ₂ O ₅	112 Broadcast	P ₂ O ₅	72 Broadcast	
			K ₂ O	0	K ₂ O	10 Band (2x2) *	K ₂ O	0	
			Cl		Cl		Cl		
			S	0	S	0	S	0	
			B		B		B		
			Zn	2 Broadcast	Zn	5 Broadcast	Zn	2 Broadcast	
			Fe		Fe		Fe		
			Mn		Mn		Mn		
			Cu	0	Cu	0	Cu	0	
			Mg		Mg		Mg		
			Lime		Lime		Lime		
			Soil pH	Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)		
					% Ca	% Mg	% K	% Na	% H
			0-6" 7.9						
			6-24" 8.3						

Crop 1: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P₂O₅ = 50 K₂O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 50 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P₂O₅ = 65 K₂O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

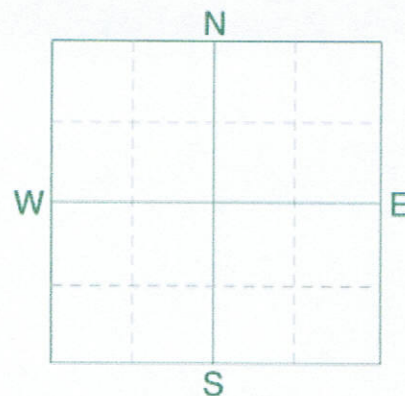
Crop 3: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P₂O₅ = 44 K₂O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.



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

SOIL TEST REPORT

FIELD ID **SW 21-12-02E**
 SAMPLE ID
 FIELD NAME **SW 21-12-02E**
 COUNTY **West Side**
 TWP RANGE **25 sec.**
 SECTION QTR ACRES **0**
 PREV. CROP **Alfalfa**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB ROA **OVO**

REF # **1673004** BOX # **0**
 LAB # **NW87450**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		VLow Low Med High	Alfalfa		Corn-Silage		Soybeans		
	0-6" 32 lb/ac		YIELD GOAL		YIELD GOAL		YIELD GOAL		
	6-24" 18 lb/ac	*****	5 Tons		18 Tons		50 BU		
	0-24" 50 lb/ac		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
Nitrate			Broadcast		Broadcast		Broadcast		
	Olsen 22 ppm	*****	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Phosphorus			N	0	N	87	N	***	
Potassium	323 ppm	*****	P ₂ O ₅	0	P ₂ O ₅	37 Broadcast	P ₂ O ₅	0	
Chloride			K ₂ O	0	K ₂ O	10 Band (2x2) *	K ₂ O	0	
	0-6" 34 lb/ac	*****	Cl		Cl		Cl		
	6-24" 48 lb/ac	*****	S	0	S	0	S	0	
Sulfur			B		B		B		
Boron			Zn	2 Broadcast	Zn	5 Broadcast	Zn	2 Broadcast	
Zinc	0.70 ppm	*****	Fe		Fe		Fe		
Iron			Mn		Mn		Mn		
Manganese			Cu	0	Cu	0	Cu	0	
Copper	0.93 ppm	*****	Mg		Mg		Mg		
Magnesium			Lime		Lime		Lime		
Calcium			Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
Sodium			Buffer pH		% Ca	% Mg	% K	% Na	% H
Org.Matter	7.8 %	*****							
Carbonate(CCE)			0-6" 7.7						
Sol. Salts	0-6" 0.78 mmho/cm	*****	6-24" 8.1						
	6-24" 0.48 mmho/cm	*****							

Crop 1: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 50 K2O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 50 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 65 K2O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

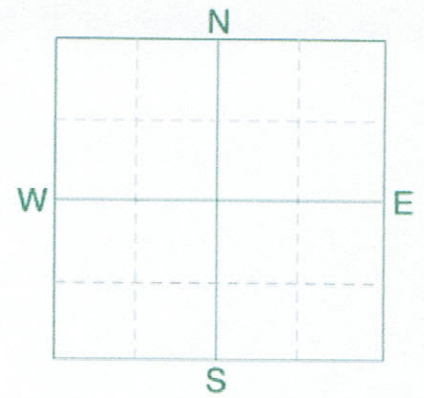
Crop 3: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 44 K2O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.



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

SOIL TEST REPORT

FIELD ID **NW 21-12-02E**
 SAMPLE ID
 FIELD NAME **NW 21-12-02E**
 COUNTY
 TWP RANGE **30ac.**
 SECTION QTR ACRES **0**
 PREV. CROP



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB **ROA OVO**

REF # **1673002** BOX # **0**
 LAB # **NW87592**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		Very Low	Low	Med	High									
Nitrate	0-6" 38 lb/ac					Alfalfa		Corn-Silage		Soybeans				
	6-24" 48 lb/ac					YIELD GOAL		YIELD GOAL		YIELD GOAL				
	0-24" 86 lb/ac					5 Tons		18 Tons		50 BU				
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Broadcast		Broadcast		Broadcast				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Phosphorus	Olsen 11 ppm					N 0		N 101		N ***				
Potassium	374 ppm					P ₂ O ₅ 67	Broadcast	P ₂ O ₅ 92	Broadcast	P ₂ O ₅ 56	Broadcast			
Chloride						K ₂ O 0		K ₂ O 10	Band (2x2) *	K ₂ O 0				
Sulfur	0-6" 42 lb/ac					Cl		Cl		Cl				
	6-24" 66 lb/ac					S 0		S 0		S 0				
Boron						B		B		B				
Zinc	0.75 ppm					Zn 2	Broadcast	Zn 5	Broadcast	Zn 2	Broadcast			
Iron						Fe		Fe		Fe				
Manganese						Mn		Mn		Mn				
Copper	1.31 ppm					Cu 0		Cu 0		Cu 0				
Magnesium						Mg		Mg		Mg				
Calcium						Lime		Lime		Lime				
Sodium														
Org.Matter	7.0 %													
Carbonate(CCE)														
Sol. Salts	0-6" 0.7 mmho/cm					Soil pH	Buffer pH	Cation Exchange Capacity		% Base Saturation (Typical Range)				
	6-24" 0.51 mmho/cm					0-6" 7.7				% Ca	% Mg	% K	% Na	% H
						6-24" 8.1								

Crop 1: Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 50 K2O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 65 K2O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

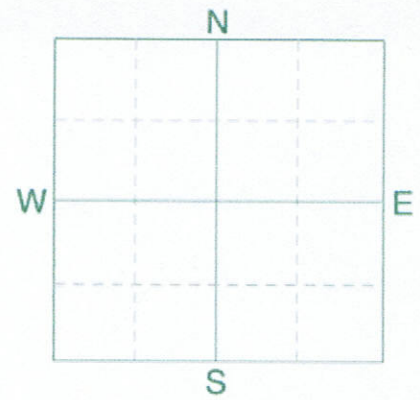
Crop 3: Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 44 K2O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.



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

SOIL TEST REPORT

FIELD ID **NE 21-12-02E**
 SAMPLE ID
 FIELD NAME **NE 21-12-02E**
 COUNTY
 TWP RANGE **80 ac.**
 SECTION QTR ACRES **0**
 PREV. CROP **Grass/Alfalfa**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB ROA **0V0**

REF # **1672997** BOX # **0**
 LAB # **NW87445**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice			
		VLow Low Med High	Alfalfa		Corn-Silage		Soybeans			
			YIELD GOAL		YIELD GOAL		YIELD GOAL			
		*****	5 Tons		18 Tons		50 BU			
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES			
			Broadcast		Broadcast		Broadcast			
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION		
Nitrate	0-6" 12 lb/ac 6-24" 15 lb/ac		N	0	N	160	N	***		
Phosphorus	Olsen 10 ppm	*****	P ₂ O ₅	72 Broadcast	P ₂ O ₅	97 Broadcast	P ₂ O ₅	60 Broadcast		
Potassium	267 ppm	*****	K ₂ O	0	K ₂ O	10 Band (2x2) *	K ₂ O	0		
Chloride			Cl		Cl		Cl			
Sulfur	0-6" 106 lb/ac 6-24" 96 lb/ac	*****	S	0	S	0	S	0		
Boron			B		B		B			
Zinc	0.93 ppm	*****	Zn	4 Broadcast	Zn	7 Broadcast	Zn	4 Broadcast		
Iron			Fe		Fe		Fe			
Manganese			Mn		Mn		Mn			
Copper	1.43 ppm	*****	Cu	0	Cu	0	Cu	0		
Magnesium			Mg		Mg		Mg			
Calcium			Lime		Lime		Lime			
Sodium			Soil pH		Buffer pH		Cation Exchange Capacity		% Base Saturation (Typical Range)	
Org.Matter	6.0 %	*****							% Ca	% Mg
Carbonate(CCE)									% K	% Na
	0-6" 1.01 mmho/cm 6-24" 0.69 mmho/cm	*****							% H	
Sol. Salts										

Crop 1: Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 50 K2O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 65 K2O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

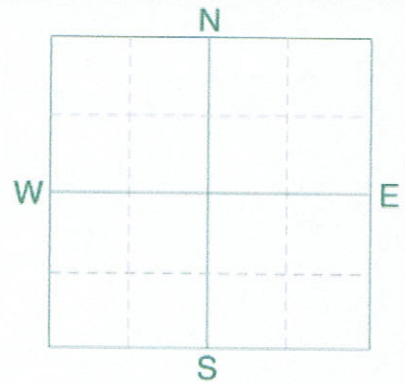
Crop 3: Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 44 K2O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.



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

SOIL TEST REPORT

FIELD ID **SE 22-12-02E**
 SAMPLE ID
 FIELD NAME **SE 22-12-02E**
 COUNTY
 TWP RANGE **150 ac.**
 SECTION QTR ACRES **0**
 PREV. CROP **Alfalfa**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB **ROA 0V0**

REF # **1672994** BOX # **0**
 LAB # **NW87443**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High	Alfalfa		Corn-Silage		Soybeans				
Nitrate	0-6"					YIELD GOAL		YIELD GOAL		YIELD GOAL				
	6-24"					5 Tons		18 Tons		50 BU				
	0-24"					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Broadcast		Broadcast		Broadcast				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Phosphorus	Olsen 7 ppm					N 0		N 109		N ***				
Potassium	246 ppm					P ₂ O ₅ 86	Broadcast	P ₂ O ₅ 112	Broadcast	P ₂ O ₅ 72	Broadcast			
Chloride						K ₂ O 29	Broadcast	K ₂ O 12	Broadcast	K ₂ O 0				
Sulfur	0-6" 120 +lb/ac 6-24" 360 +lb/ac					Cl		Cl		Cl				
Boron						S 0		S 0		S 0				
Zinc	0.73 ppm					B		B		B				
Iron						Zn 4	Broadcast	Zn 7	Broadcast	Zn 4	Broadcast			
Manganese						Fe		Fe		Fe				
Copper	1.12 ppm					Mn		Mn		Mn				
Magnesium						Cu 0		Cu 0		Cu 0				
Calcium						Mg		Mg		Mg				
Sodium						Lime		Lime		Lime				
Org.Matter	8.7 %					Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Carbonate(CCE)						Buffer pH				% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 1.08 mmho/cm 6-24" 2.16 mmho/cm					0-6" 8.2								
						6-24" 8.5								

Crop 1: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 50 K2O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: Nitrogen is credited 50 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 65 K2O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

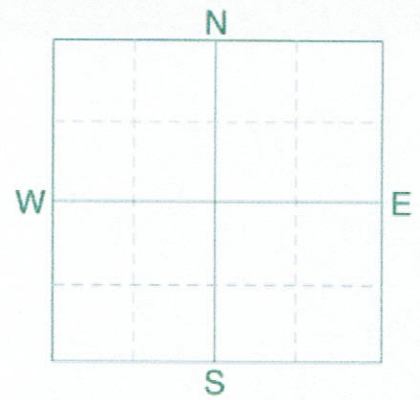
Crop 3: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 44 K2O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.



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

SOIL TEST REPORT

FIELD ID **NE 22-12-02E**
 SAMPLE ID
 FIELD NAME **NE 22-12-02E**
 COUNTY
 TWP RANGE **75ac.**
 SECTION QTR ACRES **0**
 PREV. CROP **Alfalfa**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB **ROA 0V0**

REF # **1672993** BOX # **0**
 LAB # **NW87448**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		Low High	Alfalfa		Corn-Silage		Soybeans		
			YIELD GOAL		YIELD GOAL		YIELD GOAL		
			5 Tons		18 Tons		50 BU		
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
			Broadcast		Broadcast		Broadcast		
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
			N	0	N	109	N	***	
			P ₂ O ₅	43 Broadcast	P ₂ O ₅	67 Broadcast	P ₂ O ₅	36 Broadcast	
			K ₂ O	0	K ₂ O	10 Band (2x2) *	K ₂ O	0	
			Cl		Cl		Cl		
			S	0	S	0	S	0	
			B		B		B		
			Zn	0	Zn	4 Broadcast(Trial)	Zn	0	
			Fe		Fe		Fe		
			Mn		Mn		Mn		
			Cu	0	Cu	0	Cu	0	
			Mg		Mg		Mg		
			Lime		Lime		Lime		
			Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
			Buffer pH				% Ca	% Mg	% K
							% Na	% H	
			0-6" 8.1						
			6-24" 8.4						

Crop 1: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. High salt levels may decrease yields in portions of this field. Crop Removal: P₂O₅ = 50 K₂O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 50 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. High salt levels may decrease yields in portions of this field. Crop Removal: P₂O₅ = 65 K₂O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

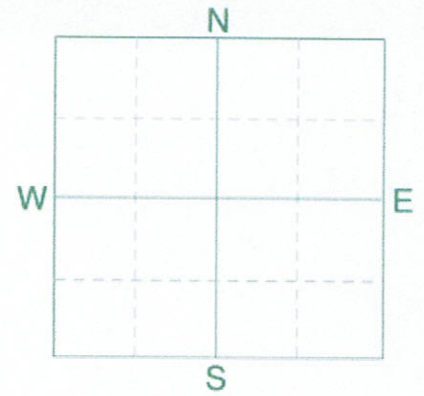
Crop 3: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. High salt levels may decrease yields in portions of this field. Crop Removal: P₂O₅ = 44 K₂O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.



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

SOIL TEST REPORT

FIELD ID **NW 23-12-02E**
 SAMPLE ID
 FIELD NAME **NW 23-12-02E**
 COUNTY
 TWP RANGE **107ac.**
 SECTION QTR ACRES **0**
 PREV. CROP **Alfalfa**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB **ROA OVO**

REF # **1672991** BOX # **0**
 LAB # **NWS7447**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		V Low Low Med High	Alfalfa		Corn-Silage		Soybeans		
			YIELD GOAL		YIELD GOAL		YIELD GOAL		
		*****	5 Tons		18 Tons		50 BU		
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
			Broadcast		Broadcast		Broadcast		
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Nitrate	0-6" 33 lb/ac 6-24" 39 lb/ac		N	0	N	65	N	***	
	0-24" 72 lb/ac		P ₂ O ₅	0	P ₂ O ₅	15 Band (2x2) *	P ₂ O ₅	0	
Phosphorus	Olsen 41 ppm	*****	K ₂ O	0	K ₂ O	10 Band (2x2) *	K ₂ O	0	
Potassium	672 ppm	*****	Cl		Cl		Cl		
Chloride	0-6" 120 +lb/ac 6-24" 360 +lb/ac	*****	S	0	S	0	S	0	
Sulfur		*****	B		B		B		
Boron		*****	Zn	0	Zn	3 Broadcast(Trial)	Zn	0	
Zinc	1.64 ppm	*****	Fe		Fe		Fe		
Iron		*****	Mn		Mn		Mn		
Manganese		*****	Cu	0	Cu	0	Cu	0	
Copper	2.17 ppm	*****	Mg		Mg		Mg		
Magnesium		*****	Lime		Lime		Lime		
Calcium		*****	Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
Sodium		*****	Buffer pH				% Ca	% Mg	% K
Org.Matter	7.8 %	*****					% Na	% H	
Carbonate(CCE)		*****							
Sol. Salts	0-6" 1.64 mmho/cm 6-24" 2.28 mmho/cm	*****							

Crop 1: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P₂O₅ = 50 K₂O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 50 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P₂O₅ = 65 K₂O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

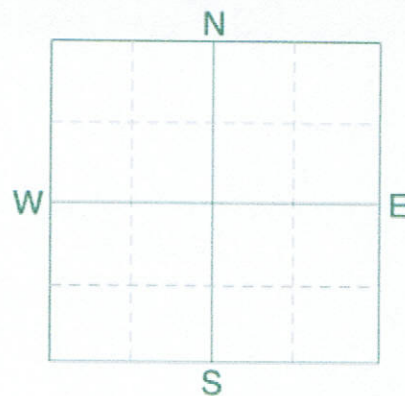
Crop 3: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P₂O₅ = 44 K₂O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.



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

SOIL TEST REPORT

FIELD ID **SW 26-12-02E**
 SAMPLE ID **NW**
 FIELD NAME **SW 26-12-02E**
 COUNTY **NW**
 TWP RANGE **25ac.**
 SECTION QTR ACRES **0**
 PREV. CROP **Alfalfa**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB **ROA 0V0**

REF # **1672990** BOX # **0**
 LAB # **NW87442**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		Very Low	Low	Med	High	Alfalfa		Corn-Silage		Soybeans				
						YIELD GOAL		YIELD GOAL		YIELD GOAL				
						5 Tons		18 Tons		50 BU				
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Broadcast		Broadcast		Broadcast				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Nitrate	0-6" 19 lb/ac 6-24" 15 lb/ac					N	0	N	103	N	***			
	0-24" 34 lb/ac					P ₂ O ₅	24 Broadcast	P ₂ O ₅	47 Broadcast	P ₂ O ₅	20 Broadcast			
Phosphorus	Olsen 20 ppm					K ₂ O	0	K ₂ O	10 Band (2x2) *	K ₂ O	0			
Potassium	424 ppm					Cl		Cl		Cl				
Chloride	0-6" 118 lb/ac 6-24" 360 +lb/ac					S	0	S	0	S	0			
Sulfur						B		B		B				
Boron						Zn	0	Zn	2 Broadcast(Trial)	Zn	0			
Zinc	1.15 ppm					Fe		Fe		Fe				
Iron						Mn		Mn		Mn				
Manganese						Cu	0	Cu	0	Cu	0			
Copper	2.04 ppm					Mg		Mg		Mg				
Magnesium						Lime		Lime		Lime				
Calcium						Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Sodium						Buffer pH				% Ca	% Mg	% K	% Na	% H
Org.Matter	7.6 %													
Carbonate(CCE)						0-6" 8.0								
Sol. Salts	0-6" 1.36 mmho/cm 6-24" 2.69 mmho/cm					6-24" 8.3								

Crop 1: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 50 K2O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 50 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 65 K2O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

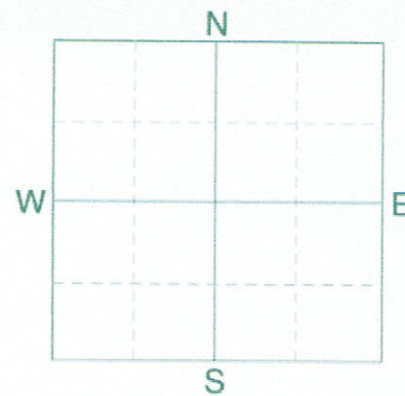
Crop 3: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 44 K2O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.



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

SOIL TEST REPORT

FIELD ID **NE 15-12-02E**
 SAMPLE ID
 FIELD NAME **NE 15-12-02E**
 COUNTY
 TWP RANGE **100 ac.**
 SECTION QTR ACRES **0**
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB **ROA 0V0**

REF # **1673006** BOX # **0**
 LAB # **NW87406**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice	
		Low - Low - Med - High	Alfalfa		Corn-Silage		Soybeans	
			YIELD GOAL		YIELD GOAL		YIELD GOAL	
			5 Tons		18 Tons		50 BU	
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES	
			Broadcast		Broadcast		Broadcast	
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION
Nitrate	0-6" 51 lb/ac 6-24" 69 lb/ac		N	0	N	67	N	***
Phosphorus	Olsen 11 ppm		P ₂ O ₅	67 Broadcast	P ₂ O ₅	92 Broadcast	P ₂ O ₅	56 Broadcast
Potassium	323 ppm		K ₂ O	0	K ₂ O	10 Band (2x2) *	K ₂ O	0
Chloride			Cl		Cl		Cl	
Sulfur	0-6" 112 lb/ac 6-24" 360 +lb/ac		S	0	S	0	S	0
Boron			B		B		B	
Zinc	1.01 ppm		Zn	0	Zn	4 Broadcast(Trial)	Zn	0
Iron			Fe		Fe		Fe	
Manganese			Mn		Mn		Mn	
Copper	1.38 ppm		Cu	0	Cu	0	Cu	0
Magnesium			Mg		Mg		Mg	
Calcium			Lime		Lime		Lime	
Sodium			Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)	
Org.Matter	7.2 %		Buffer pH		% Ca	% Mg	% K	% Na
Carbonate(CCE)					% H			
Sol. Salts	0-6" 1.06 mmho/cm 6-24" 0.89 mmho/cm		0-6" 8.1 6-24" 8.6					

Crop 1: Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 50 K2O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 65 K2O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

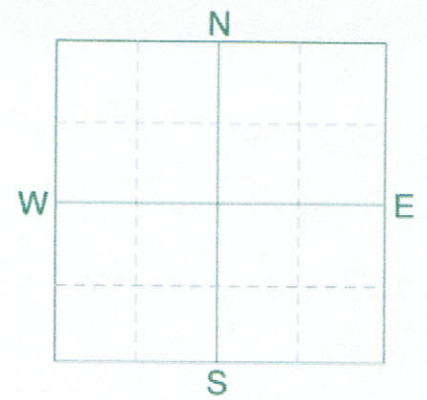
Crop 3: Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 44 K2O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.



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

SOIL TEST REPORT

FIELD ID **NW 15-12-02E**
 SAMPLE ID
 FIELD NAME **NW 15-12-02E**
 COUNTY
 TWP RANGE **160 ac.**
 SECTION QTR ACRES **0**
 PREV. CROP **Canola-bu**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB **ROA OVO**

REF # **1673005** BOX # **0**
 LAB # **NW87409**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		V Low Low Med High	Alfalfa		Corn-Silage		Soybeans		
			YIELD GOAL		YIELD GOAL		YIELD GOAL		
			5 Tons		18 Tons		50 BU		
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
			Broadcast		Broadcast		Broadcast		
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Nitrate	0-6" 81 lb/ac 6-24" 75 lb/ac		N	0	N	31	N	***	
Phosphorus	Olsen 15 ppm		P ₂ O ₅	48 Broadcast	P ₂ O ₅	72 Broadcast	P ₂ O ₅	40 Broadcast	
Potassium	496 ppm		K ₂ O	0	K ₂ O	10 Band (2x2) *	K ₂ O	0	
Chloride			Cl		Cl		Cl		
Sulfur	0-6" 120 +lb/ac 6-24" 360 +lb/ac		S	0	S	0	S	0	
Boron			B		B		B		
Zinc	0.96 ppm		Zn	2 Broadcast	Zn	5 Broadcast	Zn	2 Broadcast	
Iron			Fe		Fe		Fe		
Manganese			Mn		Mn		Mn		
Copper	1.77 ppm		Cu	0	Cu	0	Cu	0	
Magnesium			Mg		Mg		Mg		
Calcium			Lime		Lime		Lime		
Sodium			Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
Org.Matter	8.1 %		Buffer pH				% Ca	% Mg	% K
Carbonate(CCE)							% Na	% H	
Sol. Salts	0-6" 1.57 mmho/cm 6-24" 3.49 mmho/cm		0-6" 7.9						
			6-24" 8.0						

Crop 1: Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 50 K2O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 65 K2O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

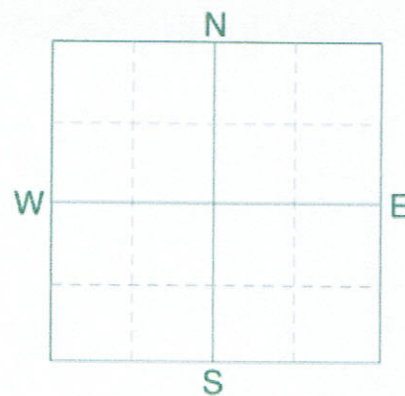
Crop 3: Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 44 K2O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.



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

SOIL TEST REPORT

FIELD ID **SW 28-12-02E**
 SAMPLE ID
 FIELD NAME **SW 28-12-02E**
 COUNTY
 TWP RANGE **80 ac.**
 SECTION QTR ACRES **0**
 PREV. CROP **Alfalfa**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB ROA **OVO**

REF # **1673013** BOX # **0**
 LAB # **NW87441**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		Very Low	Low	Med	High	Alfalfa		Corn-Silage		Soybeans				
Nitrate	0-6" 15 lb/ac					YIELD GOAL		YIELD GOAL		YIELD GOAL				
	6-24" 24 lb/ac	*****				5 Tons		18 Tons		50 BU				
	0-24" 39 lb/ac					SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Broadcast		Broadcast		Broadcast				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Phosphorus	Olsen 28 ppm	*****				N	0	N	98	N	***			
Potassium	356 ppm	*****				P ₂ O ₅	0	P ₂ O ₅	15	P ₂ O ₅	0			
									Band (2x2) *					
Chloride						K ₂ O	0	K ₂ O	10	K ₂ O	0			
									Band (2x2) *					
Sulfur	0-6" 22 lb/ac	*****				Cl		Cl		Cl				
	6-24" 42 lb/ac	*****				S	10	S	10	S	10			
Boron							Broadcast (Trial)		Broadcast (Trial)		Broadcast (Trial)			
Zinc	2.26 ppm	*****				B		B		B				
Iron						Zn	0	Zn	0	Zn	0			
Manganese						Fe		Fe		Fe				
Copper	1.18 ppm	*****				Mn		Mn		Mn				
Magnesium						Cu	0	Cu	0	Cu	0			
Calcium						Mg		Mg		Mg				
Sodium						Lime		Lime		Lime				
Org.Matter	7.6 %	*****				Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Carbonate(CCE)						Buffer pH				% Ca	% Mg	% K	% Na	% H
						0-6" 7.6								
Sol. Salts	0-6" 0.33 mmho/cm	*****				6-24" 8.0								
	6-24" 0.33 mmho/cm	*****												

Crop 1: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 50 K2O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 50 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 65 K2O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

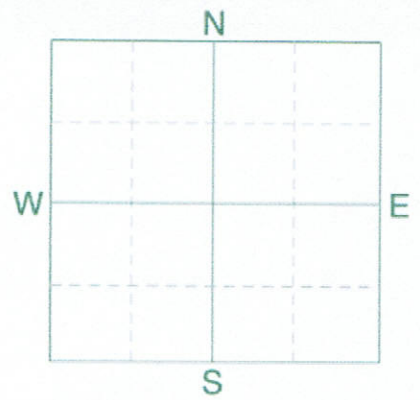
Crop 3: Nitrogen is credited 25 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Many crops may respond to a starter application of P & K even on high soil tests. Crop Removal: P2O5 = 44 K2O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.



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

SOIL TEST REPORT

FIELD ID **NE 28-12-02E**
 SAMPLE ID
 FIELD NAME **NE 28-12-02E**
 COUNTY
 TWP RANGE **65ac.**
 SECTION QTR ACRES **0**
 PREV. CROP **Grass/Pasture**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB ROA **0V0**

REF # **1672996** BOX # **0**
 LAB # **NW87449**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

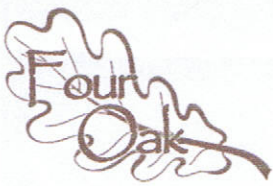
Date Reported **9/29/2016**

Nutrient In The Soil		Interpretation	1st Crop Choice		2nd Crop Choice		3rd Crop Choice		
		V Low Low Med High	Alfalfa		Corn-Silage		Soybeans		
			YIELD GOAL		YIELD GOAL		YIELD GOAL		
			5 Tons		18 Tons		50 BU		
			SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
			Broadcast		Broadcast		Broadcast		
			LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Nitrate	0-6" 6 lb/ac 6-24" 9 lb/ac 0-24" 15 lb/ac	***	N	0	N	172	N	***	
Phosphorus	Olsen 8 ppm	*****	P ₂ O ₅	82 Broadcast	P ₂ O ₅	107 Broadcast	P ₂ O ₅	68 Broadcast	
Potassium	360 ppm	*****	K ₂ O	0	K ₂ O	10 Band (2x2) *	K ₂ O	0	
Chloride			Cl		Cl		Cl		
Sulfur	0-6" 120 +lb/ac 6-24" 360 +lb/ac	*****	S	0	S	0	S	0	
Boron			B		B		B		
Zinc	1.26 ppm	*****	Zn	0	Zn	4 Broadcast(Trial)	Zn	0	
Iron			Fe		Fe		Fe		
Manganese			Mn		Mn		Mn		
Copper	2.04 ppm	*****	Cu	0	Cu	0	Cu	0	
Magnesium			Mg		Mg		Mg		
Calcium			Lime		Lime		Lime		
Sodium									
Org.Matter	9.0 %	*****	Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)		
Carbonate(CCE)			Buffer pH				% Ca	% Mg	% K
							% Na	% H	
			0-6" 8.2						
Sol. Salts	0-6" 4.08 mmho/cm 6-24" 3.21 mmho/cm	*****	6-24" 8.4						

Crop 1: Many crops may respond to a starter application of P & K even on high soil tests. High salt levels may decrease yields in portions of this field. Crop Removal: P205 = 50 K2O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Many crops may respond to a starter application of P & K even on high soil tests. High salt levels may decrease yields in portions of this field. Crop Removal: P205 = 65 K2O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

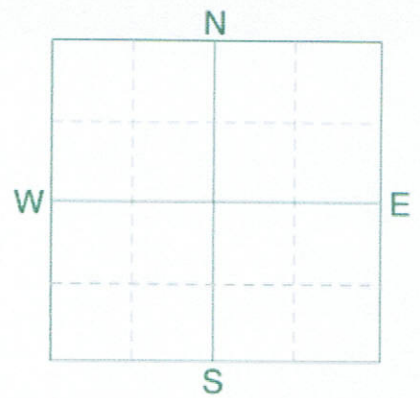
Crop 3: Many crops may respond to a starter application of P & K even on high soil tests. High salt levels may decrease yields in portions of this field. Crop Removal: P205 = 44 K2O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.



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

SOIL TEST REPORT

FIELD ID **SE 28-12-02E**
 SAMPLE ID
 FIELD NAME **SE 28-12-02E**
 COUNTY
 TWP RANGE **135ac.**
 SECTION QTR ACRES **0**
 PREV. CROP **Grass/Pasture**



SUBMITTED FOR:
Canada Sheep & Lamb Farms

SUBMITTED BY: **DU4426**
FOUR OAK AG SOLUTION
31119 RD 27E
BOX 131
KLEEFELD, MB **ROA 0V0**

REF # **1672995** BOX # **0**
 LAB # **NW87446**

Date Sampled **09/24/2016**

Date Received **09/28/2016**

Date Reported **9/29/2016**

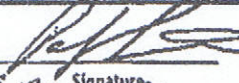
Nutrient In The Soil		Interpretation				1st Crop Choice		2nd Crop Choice		3rd Crop Choice				
		VLow	Low	Med	High									
Nitrate	0-6" 7 lb/ac	***				Alfalfa		Corn-Silage		Soybeans				
	6-24" 9 lb/ac					YIELD GOAL		YIELD GOAL		YIELD GOAL				
	0-24" 16 lb/ac					5 Tons		18 Tons		50 BU				
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES				
						Broadcast		Broadcast		Broadcast				
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION			
Olsen Phosphorus	11 ppm	*****				N	0	N	171	N	***			
Potassium	364 ppm	*****				P ₂ O ₅	67 Broadcast	P ₂ O ₅	92 Broadcast	P ₂ O ₅	56 Broadcast			
Chloride						K ₂ O	0	K ₂ O	10 Band (2x2) *	K ₂ O	0			
Sulfur	0-6" 120 +lb/ac 6-24" 360 +lb/ac	*****				Cl		Cl		Cl				
Boron						S	0	S	0	S	0			
Zinc	0.94 ppm	*****				B		B		B				
Iron						Zn	4 Broadcast	Zn	7 Broadcast	Zn	4 Broadcast			
Manganese						Fe		Fe		Fe				
Copper	1.74 ppm	*****				Mn		Mn		Mn				
Magnesium						Cu	0	Cu	0	Cu	0			
Calcium						Mg		Mg		Mg				
Sodium						Lime		Lime		Lime				
Org.Matter	6.9 %	*****				Soil pH		Cation Exchange Capacity		% Base Saturation (Typical Range)				
Carbonate(CCE)						Buffer pH				% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 2.51 mmho/cm 6-24" 1.85 mmho/cm	*****				0-6" 8.3								
		*****				6-24" 8.5								

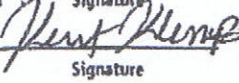
Crop 1: Many crops may respond to a starter application of P & K even on high soil tests. High salt levels may decrease yields in portions of this field. Crop Removal: P205 = 50 K2O = 250 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Many crops may respond to a starter application of P & K even on high soil tests. High salt levels may decrease yields in portions of this field. Crop Removal: P205 = 65 K2O = 149 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years.

Crop 3: Many crops may respond to a starter application of P & K even on high soil tests. High salt levels may decrease yields in portions of this field. Crop Removal: P205 = 44 K2O = 75 AGVISE Broadcast guidelines will build P & K test levels to the high range over several years. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.

LIVESTOCK MANURE SPREADING AGREEMENT

Between: Canada Sheep  Hereafter referred to as "Livestock Operator"
Please print + lamb Signature

And: Kurt Klumpke  Hereafter referred to as:
Please print Signature "Landowner" or "Land Renter"

Date: _____

The duration of this agreement is of 5 years, beginning at the above date.

Additional terms of this contractual agreement for agricultural inputs and Acts and regulations implicit to this agreement are presented on page 2.

Responsibilities of the Landowner or the Land Renter

Land Parcels selected as potential fields to receive manure

Field	Legal location	(Check one)		Nominal size (acres)	Area available for spreading (acres; exclusive of setbacks see p. 2)	Cropping Intentions	Preferred Application Time
		Owned	Rented				
	<u>SE-22-12-2E</u>			<u>150</u>			
	<u>NE-22-12-2E</u>			<u>75</u>			

The Landowner or Land Renter: (Check where applicable/proposed)

- will keep this document and any other related records in his files;
- will notify the Livestock Operator of the dates those fields will be available for spreading;
- agrees to purchase manure nutrient at a rate of \$ _____ per 1000 gal or tonne, conditional to manure being applied with the method and time as specified below by the Livestock Operator;
- will incorporate manure within 48 hours of broadcast applications if agreed to as part of the manure application method (below).

Responsibilities of the Livestock Operator

Field Application Details

- Time of Application Spring Summer Fall
- Application method Broadcast Broadcast and incorporate within 48 hours
- Injection Irrigation/sprinkler

Applicator

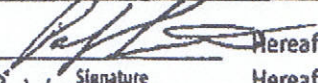
- Livestock Operator
- Custom applicator Name of applicator: _____

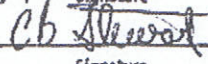
Anticipated Manure Application Starting Date: _____

The Livestock Operator: (Check where applicable/proposed)

- will keep track of these records, but will not disclose them without the consent of the Landowner and the Land Renter;
- will pay all costs for soil testing and these results will be made available to both the Landowner and the Land Renter;
- will carry a manure analysis test and the results will be made available to both the Landowner and the Land Renter;
- will calculate the manure application rate for each field on the basis of (check only one):
 - the soil test recommendations for plant nitrogen requirements or
 - the soil test recommendations for plant phosphorus requirements
 - general soil fertility recommendations as per the *Soil Fertility Guide (Manitoba Agriculture and Food) or the Farm Practices Guidelines for Beef/Dairy/Hog/Poultry Producers in Manitoba series*
- will provide a proof of calibration for the manure spreading equipment;
- will notify the Landowner and the Land Renter of changes in anticipated dates and rates of application in volume and crop nutrient (N, P, K);
- will have a manure management plan prepared by a professional agrologist, along with field map(s) highlighting setbacks to observe;
- will provide a copy overall manure management plan to the Landowner and the Land Renter, if applicable.

LIVESTOCK MANURE SPREADING AGREEMENT

Between: Canada Sheep  Hereafter referred to as "Livestock Operator"
Please print + lamb Signature

And: C.M. AGRA LTD  Hereafter referred to as:
Please print Signature "Landowner" or "Land Renter"

Date: _____

The duration of this agreement is of 5 years, beginning at the above date.

Additional terms of this contractual agreement for agricultural inputs and Acts and regulations implicit to this agreement are presented on page 2.

Responsibilities of the Landowner or the Land Renter

Land Parcels selected as potential fields to receive manure

Field	Legal location	(Check one)		Nominal size (acres)	Area available for spreading (acres; exclusive of setbacks see p. 2)	Cropping Intentions	Preferred Application Time
		Owned	Rented				
	NW-22-12-2E			50			
	SE-27-12-2E			130			
	NE-15-12-2E			100			
	NW-15-12-2E			160			

The Landowner or Land Renter: (Check where applicable/proposed)

- will keep this document and any other related records in his files;
- will notify the Livestock Operator of the dates those fields will be available for spreading;
- agrees to purchase manure nutrient at a rate of \$ _____ per 1000 gal or tonne, conditional to manure being applied with the method and time as specified below by the Livestock Operator;
- will incorporate manure within 48 hours of broadcast applications if agreed to as part of the manure application method (below).

Responsibilities of the Livestock Operator

Field Application Details

- Time of Application Spring Summer Fall
- Application method Broadcast Broadcast and incorporate within 48 hours
- Injection Irrigation/sprinkler

Applicator

- Livestock Operator
- Custom applicator Name of applicator: _____

Anticipated Manure Application Starting Date: _____

The Livestock Operator: (Check where applicable/proposed)

- will keep track of these records, but will not disclose them without the consent of the Landowner and the Land Renter;
- will pay all costs for soil testing and these results will be made available to both the Landowner and the Land Renter;
- will carry a manure analysis test and the results will be made available to both the Landowner and the Land Renter;
- will calculate the manure application rate for each field on the basis of (check only one):
 - the soil test recommendations for plant nitrogen requirements or
 - the soil test recommendations for plant phosphorus requirements
 - general soil fertility recommendations as per the *Soil Fertility Guide (Manitoba Agriculture and Food) or the Farm Practices Guidelines for Beef/Dairy/Hog/Poultry Producers in Manitoba series*
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