	SOIL TEST REPORT) <u>N</u>
LABORATORIES	FIELD ID 5700 Field # 1 SAMPLE ID	
Soil Analysis by Agvise Laboratories (http://www.agvise.com)	FIELD NAME Robert Dewey COUNTY	
Northwood: (701) 587-6010 Benson: (320) 843-4109	TWP NE 32-6- TWP 1W RANGE	E
	SECTION QTR ACRES 163 PREV. CROP Wheat-Spring	
SUBMITTED FOR: Ashwood Clearview	SUBMITTED BY: EL1911 AGRA-GOLD CONSULTING LTD	S
	CLIFF LOEWEN 33020 RD 40 N BLUMENORT, MB R0A 0C1	REF # 2317706 BOX # 5951 LAB # NW36918

Date Received 08/14/2018

Date Reported 8/15/2018

Nutrient I	n The Soil	Ir	nterpr	etatio	on	1s	t Cro	p Choice	9	2nd	Crop	Choice		3	rd Cr	op Cho	ice
		VLow	Low	Med	High		Cano	ola-bu									
0-6" 6-24"	34 lb/ac 21 lb/ac						YIELD	D GOAL			YIELD	GOAL			YIE	LD GOAL	
	,	*****	****				60	BU									
0-24''	55 lb/ac					SUGGESTED GUIDELINES				SUGGE	STED	GUIDELINES	5	SU	GGESTE	ED GUIDEL	INES.
Nitrate						Band											
						LB/A	ACRE	APPLICAT	TION	LB/ACI	RE	APPLICATI	ON	LB,	ACRE	APPLI	CATION
Olsen Phosphorus	7 ppm	*****	*****			N	155			N				N			
Potassium	535 ppm	*****	*****	*****	*****	P ₂ O ₅	54	Band ³	*	P ₂ O ₅				P ₂ O ₅			
						K ₂ O	0			K ₂ O				K ₂ O			
Chloride						CI				CI				CI			
0-6" 6-24"	62 lb/ac 360 +lb/ac					S	10	Band		S				s			
Sulfur Boron						В				В				в			
Zinc	0.59 ppm	*****	*****			Zn	3	Band (Tr	ial)	Zn				Zn			
Iron						Fe			-	Fe				Fe			
Manganese																_	
Copper						Mn				Mn				Mn			
Magnesium	2413 ppm	*****	*****	*****	*****	Cu				Cu				Cu			
Calcium	6041 ppm	*****	*****	*****	*****	Mg	0			Mg				Mg			
Sodium	180 ppm	*****	*****	*****	*****	Lime				Lime				Lime			
Org.Matter	5.0 %	*****	*****	*****	**			ion Evolution		% Bas	se Sa	turati	on (Ty	pical Ra	nae)		
Carbonate(CCE)						Soil p	oH B	uffer pH		ion Excha Capacity		% Ca		Mg	% K	% Na	% H
0-6" 6-24" Sol. Salts	0.84 mmho/cm 1.35 mmho/cm		***** *****		***	0-6" 8 6-24" 8				52.5 meq		(65-75) 57.6	(15	-20) 8.3	(1-7) 2.6	(0-5) 1.5	(0-5)

General Comments: Texture is not estimated on high pH soils.

			ĺ		SO	IL TI	EST	REPOF	RT	J			Ν			
(http:/ Northwo	s by Agvise Labora //www.agvise.com od: (701) 587-60 n: (320) 843-4109	atories) 10		COUN TWP SECT	LE ID NAME ITY ION		f and - 6-1V QTI		ewey Acres 1	58	w					E
SUE Ashwood Cleary	3MITTED FOR: view			CLIF 3302	A-GOLI F LOEV 0 RD 4 1ENOR	D CONS VEN 10 N		ED BY: Ing ltd R0a	EL1911 0C1	RE		1770 V368	S 07 В 99	OX #	592	29
Date Sampled	08/13/2018					Γ	Date I	Received	08/14/2	2018		D	Date R	eporte	d 8/1 !	5/201
Nutrient I	n The Soil	Ir	nterpr	etatio	on	19	st Cr	op Choice	e	2nd Cr	op Choice)	3	rd Cr	op Cho	ice
		VLow	Low	Med	High		Ca	nola-bu								
0-6"	36 lb/ac						YIE	LD GOAL		YIE	LD GOAL			YIE	D GOAL	
6-24"	27 lb/ac	*****	*****				60) BU								
0-24''	63 lb/ac					SUG	GESTE	D GUIDELIN	ES	SUGGESTE	ED GUIDELINE	s	SU	GGESTE	D GUIDEL	INES
Nitrate								Band		00002011			50		D GOIDEL	
														(1005	40014	
Olsen	6 ppm	*****	****				ACRE	APPLICAT		LB/ACRE	APPLICAT	ION		ACRE	APPLI	CATIO
Phosphorus						N	147	_		N			N			
Potassium	480 ppm	*****	*****	*****	*****	P ₂ O ₅	57	Band ³	* P ₂	05			P ₂ O ₅			
						K ₂ O	0		к	20			K ₂ O			
Chloride 0-6"	120 + i b/ac	*****	*****	*****	*****	Cl							Cl			
6-24"	360 + l b/ac					S	10	Band		S			S			
Sulfur Boron						В				в			В			
Zinc	0.57 ppm	*****	****			Zn	3	Band (Tr	ial) Z	2n			Zn			
Iron						Fe	-			ē			Fe			
Manganese												-+				
Copper						Mn		_		1n			Mn			
Magnesium	2572 ppm	*****	*****	*****	*****	Cu			(Cu		\parallel	Cu			
Calcium	6245 ppm	*****	*****	*****	*****	Mg	0		Ν	1g			Mg			
Sodium	269 ppm	*****	*****	*****	*****	Lime			Li	me			Lime			
Org.Matter	4.7 %	*****	*****	*****					Cation	Exchang	e % Ba	se Sat	turati	on (Tv	pical Ra	nge)
Carbonate(CCE)						Soil I	pН	Buffer pH		pacity	% Ca	%		% K	% Na	% H
0-6" 6-24"	1.06 mmho/cm 2.29 mmho/cm	***** *****				0-6" 8 6-24" 8			55.	1 meq	(65-75) 56.7	(15-: 38		(1-7) 2.2	(0-5) 2.1	(0-5)

General Comments: Texture is not estimated on high pH soils.

Sol. Salts

Crop 1: * 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 = 54 K2O = 27 AGVISE Band guidelines will build P & K test levels to the medium range over many years.

6-24" **8.4**

56.7

38.9

2.2

2.1

	SOIL TEST REPORT) <u>N</u>
LABORATORIES	FIELD ID 5710 Field # 3 SAMPLE ID	
Soil Analysis by Agvise Laboratories (http://www.agvise.com)	FIELD NAME Sunnydale Farms Ltd COUNTY	
Northwood: (701) 587-6010 Benson: (320) 843 - 4109	TWP NW 30-6- 1W RANGE	E
	SECTION QTR ACRES 123 PREV. CROP Wheat-Spring	
SUBMITTED FOR: Ashwood Clearview	SUBMITTED BY: EL1911 AGRA-GOLD CONSULTING LTD	S
	CLIFF LOEWEN 33020 RD 40 N BLUMENORT, MB R0A 0C1	REF # 2324130 BOX # 189 LAB # NW38519

Date Received 08/16/2018

Date Reported 8/17/2018

										-							
Nutrient I	n The Soil	Ir	nterpr	etati	on	1 s	t Cro	p Choice	e	2nd	l Crop	o Choice		3	rd Cr	op Cho	ice
		VLow	Low	Med	High		Can	ola-bu									
0-6'' 6-24''	44 lb/ac 39 lb/ac						YIELD	D GOAL			YIELD	GOAL			YIE	LD GOAL	
			*****	****		60 BU											
0-24''	83 lb/ac					SUG	GESTED	GUIDELIN	ES	SUGG	ESTED	GUIDELINES	5	SU	GGEST	ED GUIDEL	INES
Nitrate							B	and									
						LB/A	ACRE	APPLICAT	TION	LB/AC	CRE	APPLICATI	ON	LB,	ACRE	APPLI	CATION
Olsen Phosphorus	17 ppm	*****	*****	*****	*****	N	127			N				N			
Potassium	574 ppm	*****	*****	*****	*****	P ₂ O ₅	24	Band ³	*	P ₂ O ₅				P ₂ O ₅			
						K ₂ O	0			K ₂ O				K ₂ 0			
Chloride 0-6"	120 + i b/ac					CI				CI				Cl			
6-24'' Sulfur	360 +lb/ac					S	10	Band		S				s			
Boron						В				В				В			
Zinc	1.78 ppm	*****	*****	*****	****	Zn	0			Zn				Zn			
Iron						Fe				Fe				Fe			
Manganese						Mn				Mn				Mn			
Copper										1MIT							
Magnesium	2611 ppm	*****	*****	*****	*****	Cu				Cu				Cu			
Calcium	6705 ppm	*****	*****	*****	*****	Mg	0			Mg				Mg			
Sodium	262 ppm	*****	*****	*****	*****	Lime				Lime				Lime			
Org.Matter	5.0 %	*****	*****	*****	**			ion Exch		% Bas	se Sa	turati	on (T)	pical Ra	nge)		
Carbonate(CCE)						Soil pH Buffer pH Cation		Capacity	-	% Ca		Mg	% K	% Na	мн %		
0-6'' 6-24'' Sol. Salts	1.32 mmho/cm 2.24 mmho/cm		***** *****		***	0-6" 8 6-24" 8	_			57.9 meq		(65-75) 57.9	(15	-20) 7.6	(1-7) 2.5	(0-5) 2.0	(0-5)

General Comments: Texture is not estimated on high pH soils.

	SOIL TEST REPORT) <u>N</u>
LABORATORIES	FIELD ID 5728 Field # 4 SAMPLE ID	
Soil Analysis by Agvise Laboratories (http://www.agvise.com)	FIELD NAME Sunnydale Farms Ltd COUNTY	
Northwood: (701) 587-6010 Benson: (320) 843-4109	TWP NE 30-6- TWP 1W RANGE	E
	SECTION QTR ACRES 159	
SUBMITTED FOR: Ashwood Clearview	SUBMITTED BY: EL1911 AGRA-GOLD CONSULTING LTD	S
	CLIFF LOEWEN 33020 RD 40 N BLUMENORT, MB R0A 0C1	REF # 2324131 BOX # 115 LAB # NW38521

Date Received 08/16/2018

Date Reported 8/17/2018

										[
Nutrient I	n The Soil	Ir	nterpr	etati	on	1 s	t Cro	p Choice	9	2n	d Crop	o Choice		3	rd Cr	op Cho	ice
		VLow	Low	Med	High		Can	ola-bu									
0-6" 6-24"	49 lb/ac 33 lb/ac						YIELD	D GOAL			YIELD	GOAL			YIE	D GOAL	
		*****	*****	****			60	BU									
0-24''	82 lb/ac					SUG	GESTED	O GUIDELINI	ES	SUGO	GESTED	GUIDELINE	S	SU	GGESTE	D GUIDEL	INES
Nitrate							B	and									
						LB/A	CRE	APPLICAT	FION	LB/A	CRE	APPLICATI	ON	LB/	ACRE	APPLI	CATION
Olsen Phosphorus	23 ppm	*****	*****	*****	*****	N	128			N				N			
Potassium	514 ppm	*****	*****	*****	*****	P ₂ O ₅	10	Band (Starter		P ₂ O ₅				P ₂ O ₅			
Chloride						K ₂ O	0			K ₂ O				K ₂ O			
0-6" 6-24"	98 lb/ac					Cl				CI				Cl			
Sulfur	360 +lb/ac	*****	*****	****	*****	S	10	Band		S				S			
Boron						В				В				В			
Zinc	2 . 76 ppm	*****	*****	*****	*****	Zn	0			Zn				Zn			
Iron						Fe				Fe				Fe			
Manganese						Mn				Mn				Mn			
Copper						14111				IMU 				MU			
Magnesium	2537 ppm	*****	*****	*****	*****	Cu				Cu				Cu			
Calcium	6507 ppm	*****	*****	*****	*****	Mg	0			Mg				Mg			
Sodium	265 ppm	*****	*****	*****	*****	Lime				Lime				Lime			
Org.Matter	4.5 %	*****	*****	*****				ion Exch	ange	% Bas	se Sa	turati	on (Tv	pical Ra	nae)		
Carbonate(CCE)						Soil p	H B	uffer pH	Cat	Capacit	-	% Ca		Mg	% К	% Na	
0-6'' 6-24'' Sol. Salts	1.27 mmho/cm 1.96 mmho/cm	***** *****			** *****	0-6" 8 6-24" 8				56.1 me	-	(65-75) 57.9	(15-	-	(1-7) 2.3	(0-5) 2.1	(0-5)

General Comments: Texture is not estimated on high pH soils.

				SC	DIL T	EST	REPO	RT				T	N	1	
Soll Analysis t (http://v Northwood	y Agvise Laborato www.agvise.com) d: (701) 587-6010 (320) 843-4109		SA FIE CC TW SE	MPLE ID ELD NAME DUNTY		Field	# 5 & 6		5 320	V	V				E
SUBM Dewey's	ITTED FOR:		HV	CHARDSC WY 3 DX 128 UNKILD,	ON PIO		D BY: Brunka Rog		521	REF		35515 19314	BOX #	ŧ O	
Date Sampled					[Date Re	eceived	11/2	27/201	6		Dat	e Report	ted 12 /	12/20
Nutrient In	n The Soil	In	terpre	tation	19	st Cro	p Choic	e	21	d Cro	p Choice		3rd C	rop Ch	oice
		VLow	Low N	1ed High		Soy	beans			Cano	ola-bu				
0-6"	7 lb/ac					YIELD	GOAL			YIELD	GOAL		YI	ELD GOAL	
6-24"	39 lb/ac	*****	222			50	BU		2.5	60	BU		21200		
0-24''	46 lb/ac				SUG	GESTED	GUIDELI	NES	SUG	GESTED	GUIDELINE	s	SUGGEST	TED GUIDI	ELINES
litrate						Band	/Maint.			Band/	Maint.				
					LB/A	ACRE	APPLICA	TION	LB/A	CRE			LB/ACRE	APPL	
Olsen hosphorus	28 ppm	******	******	********	N	•••			N	164			N		
otassium	577 ppm	*****	******	****	P2O5	44	Band		P2O5	54	Band *	P	205		
					K ₂ O	0			K ₂ O	0		ĸ	20		
hloride 0-6"	120 +lb/ac	*****	*****	****	CI				CI				CI		
6-24" ulfur	360 +1b/ac		A CONTRACTOR OF A	COLUMN AND ADDRESS OF	S	0			S	10	Band		s		
oron	2.7 ppm	*****	******	****	В	0			В	0			в		
inc	2.46 ppm	*****	*****	****	Zn	0			Zn	0			Zn		
ron	19.2 ppm	*****	******	****	Fe	0			Fe	0			Fe		
anganese	1.5 ppm	*****	******	×	Mn	0			Mn	0			Mn		
opper	1.84 ppm	*****	*****	****	Cu	0			E SCORE	0					
agnesium alcium	2109 ppm	1000		****					Cu				Cu		
odium	6463 ppm		E CAR	****	Mg	0			Mg	0			Mg		
rg.Matter	198 ppm	1		****	Lime				Lime			L	me		
and the second s	4.7 %	*****	********		Soil p	H B	uffer pH		on Excl		% Bas	e Satur	ation (T	ypical Ra	inge)
arbonate(CCE)	8.7 %	******							Capacit		% Ca	% Mc			

General Comments: Texture is not estimated on high pH soils.

Crop 1: * Caution: See Delaced Fertilizer Can Cause Injury * Many crops may respond to a starter application of P & K even on high soil tests. The risk of the development of iron chlorosis on soybeans on this field is extreme based on the salt and carbonate levels. Crop Removal: P2O5 = 44 K2O = 75 AGVISE Band/Maintenance guidelines will build P & K test levels to the medium range over many years and then maintain them. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited

					so	IL TEST REPORT		1	N		7	
ATEN			F	IELD I	DS	SW 29-6-1W	7					
LABO	RATORIES		S	AMPLE	ID	Field # 7	-					
Soil Analysis by A	ovise Laboratori	es	F	IELD N	AME					1		
(http://www			C	OUNT	Y		14/				-	
Northwood: (7			Т	WP		RANGE	W	1		1	E	
Benson: (32			s	ECTIO	N	QTR ACRES 16	0					
			P	REV. C		Canola-bu	-				-	
			×							1		
SUBMITT DEWEY'S	SUBMITTED FOR: VEY'S					SUBMITTED BY: TE0521 N PIONEER-BRUNKI		S				
			B	IWY 3 IOX 12 BRUNK	28	MB ROG OEO	REF # LAB #	578551 NW193		BOX # 0 1		
Date Sampled						Date Received 11/27/2	016		Date Repo	ted 12	/12/20	
Nutrient In Th	ne Soil	Inte	erpr	retatio	on	1st Crop Choice	2nd Crop C	hoice	3rd (Crop Cl	noice	
		VLow I	Low	Med	High	Soybeans	Wheat-Spr	ing		Oats		
0-6"	23 lb/ac					YIELD GOAL	YIELD GO.	AL	Y	IELD GOA	AL.	
6-24"	27 lb/ac	******	***			50 BU	80 BL	1		120 BL	I	
0-24''	0-24'' 50 lb/ac					SUGGESTED GUIDELINES SU	JGGESTED GUI	DELINES	SUGGES	TED GUI	DELINES	
itrate	te					Band/Maint.	Band/Maint. Band/Main			and/Main	t.	
		Contraction of the		al and	No.			(4) (4) (4)			Allow Reserves	

0-24''	50 lb/ac		SUG	GESTED	GUIDELINI	ES	SUG	GESTED	GUIDELINES	5 5	SUGGESTED GUIDELINES			
Nitrate				Band	/Malnt.			Band,	Maint.			Band	/Maint.	
			LB/A	CRE	APPLICAT	ION	LB/A	CRE	APPLICATIO	I NC	_B/A	CRE	APPLIC	ATION
Olsen Phosphorus	11 ppm	******	N	***			N	166		P	1	70		
Potassium	696 ppm	*****	P2O5	44	Band *		P2O5	50	Band *	Pz	05	30	Ban	d *
Chloride			K2O	0			K ₂ O	10	Band (Starter)	Ka	0	10	Ba (Start	
0-6" 6-24"	82 lb/ac 180 lb/ac	Research and the second s	CI				CI			C	:1			
Sulfur			5	0			S	0	11111	9	5	0		
Boron	2.2 ppm	*****	В	0			В	0		E	3	0		
Zinc	1.57 ppm	*****	Zn	0			Zn	0		Z	'n	0		1
Iron	20.7 ppm	*****	Fe	0			Fe	0		F	e	0		
Manganese	1.3 ppm	*****	1000 1000 1000				1000				101			
Copper	1.74 ppm	*****	Mn	0			Mn	0			In	0		
Magnesium	2144 ppm	*****	Cu	0			Cu	0		C	u	0		
Calcium	7107 ppm	*****	Mg	0			Mg	0		N	Ig	0		
Sodium	126 ppm	****** ****** ******	Lime				Lime			L	me			
Org.Matter	4.7 %	*****				Cati	on Exc	hande	% Base	e Satur	atio	n (Tvi	pical Rar	nae)
Carbonate(CCE)	8.3 %	*****	Soil p	oH B	uffer pH		Capaci		% Ca	% Mg	-	% K	% Na	% H
0-6" 6-24" Sol. Salts	0.93 mmho/cm 0.88 mmho/cm		0-6" 8 6-24" 8			Tolesant.	55.7 m	-	(65-75) 63.8	(15-20) 32.1		(1-7) 3.2	(0-5) 1.0	(0-5)

General Comments: Texture is not estimated on high pH soils.

Crop 1: * Caution: Seed Placed Fertilizer Can Cause Injury * Many crops may respond to a starter application of P & K even on high soil tests. The risk of the development of iron chlorosis on soybeans on this field is very high based on the salt and carbonate levels. Crop Removal: P2OS = 44 K2O = 75 AGVISE Band/Maintenance guidelines will build P & K test levels to the medium range over many years and then maintain them. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.

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 = 50 K2O = 30 AGVISE Band/Maintenance guidelines will build P & K test levels to the medium range over many years and then maintain them.

	SOIL TEST REPORT) <u>N</u>
LABORATORIES	FIELD ID 3625 Field # 8 SAMPLE ID	
Soil Analysis by Agvise Laboratories (http://www.agvise.com)	FIELD NAME Dewey Farms Ltd COUNTY	
Northwood: (701) 587-6010 Benson: (320) 843-4109	TWP NW 19-6- TW RANGE	E
	SECTION QTR ACRES 143 PREV. CROP Canola-bu	
SUBMITTED FOR: AshwoodClearview FarNur	SUBMITTED BY: EL1911 AGRA-GOLD CONSULTING LTD	S
	CLIFF LOEWEN 33020 ROAD 40 N BLUMENORT, MB R0A 0C1	REF # 1949191 BOX # 0 LAB # NW45478

Date Received 08/19/2017

Date Reported 8/21/20

	1					I I											
Nutrient I	n The Soil	Ir	nterpr	etatio	on	13	st Cr	op Choi	се	2n	d Cro	p Choice)	З	Brd Cr	op Cho	ice
		VLow	Low	Med	High		Co	rn-Grain									
0-6" 6-24"	19 lb/ac 18 lb/ac						YIE	LD GOAL			YIELD	GOAL			YIEI	D GOAL	
		*****	*				16	50 BU									
0-24''	37 lb/ac					SUGGESTED GUIDELINES			SUG	GESTED	GUIDELINE	S	รเ	JGGESTE	D GUIDEL	INES	
Nitrate								Band									
						LB//	ACRE	APPLIC	ATION	LB//	ACRE	APPLICAT	ION	LB	/ACRE	APPLI	CATIO
Olsen Phosphorus	21 ppm	*****	*****	*****	*****	N	155	;		N				N			
Potassium	506 ppm	*****	*****	*****	*****	P ₂ O ₅	15	Band (2	2x2) *	P ₂ O ₅				P ₂ O ₅			
						K ₂ O	10	Band (2	2x2) *	K ₂ O				K ₂ O			
Chloride 0-6"	120 + b/ac	*****	*****	*****	*****	CI				CI				CI			
6-24'' Sulfur	360 + l b/ac					S	0			S				S			
Boron						В				В				В			
Zinc	1.26 ppm	*****	*****	*****	**	Zn	2	Band (Trial)	Zn				Zn			
Iron						Fe				Fe				Fe			
Manganese						Mn				Mn				Mn			
Copper						Cu				Cu				Cu			
Magnesium Calcium	1995 ppm		*****			Mg	0			Mg				Mg			
Sodium	6786 ppm					Lime	- Ū			Lime				Lime			
Org.Matter	179 ppm 5.4 %		*****			Lime	<u> </u>			Line		1					
Carbonate(CCE)					-11 - -1 -	Soil	рН	Buffer pl	l Cat	ion Exc	_		-			pical Ra	
0-6" 6-24"	1.08 mmho/cm 1.91 mmho/cm		*****			0-6" \$	3.0			Capaci	-	% Ca		5- 20)	% K	% Na (0-5)	% (0-5
Sol. Salts	(iii)					6-24" 🖁	3.3					64.5	3	31.6	2.5	1.5	

General Comments: Texture is not estimated on high pH soils.

	SOIL TEST REPORT	
LABORATORIES	FIELD ID 3626 SAMPLE ID Field # 9	
Soil Analysis by Agvise Laboratories (http://www.agvise.com)	FIELD NAME Dewey Farms Ltd COUNTY	
Northwood: (701) 587-6010 Benson: (320) 843-4109	TWP NE 19-6- TW RANGE	E
	SECTION QTR ACRES 156	
SUBMITTED FOR: AshwoodClearview FarNur	SUBMITTED BY: EL1911 AGRA-GOLD CONSULTING LTD	S
	CLIFF LOEWEN 33020 ROAD 40 N BLUMENORT, MB R0A 0C1	REF # 1949185 BOX # 0 LAB # NW45463

Date Received 08/19/2017

Date Reported 8/21/20

Nutrient I	n The Soil	Ir	nterpi	etatio	on	19	st Cr	op Choic	9	2n	d Cro	o Choice)	3	rd Cr	op Cho	ice
		VLow	Low	Med	High		Co	rn-Grain									
0-6'' 6-24''	35 lb/ac 36 lb/ac					YIELD GOAL			YIELD GOAL				YIELD GOAL				
0 24	50 15/ 40	*****	*****	**			16	60 BU									
0-24''	71 lb/ac					SUG	GEST	ED GUIDELIN	ES	SUG	GESTED	GUIDELINE	s	SU	IGGESTE	D GUIDEL	INES
Nitrate								Band									
						LB/A	ACRE	APPLICA	TION	LB//	ACRE	APPLICATI	ION	LB	/ACRE	APPLI	CATIO
Olsen Phosphorus	31 ppm	*****	*****	*****	*****	N	121			N				N			
Potassium	494 ppm	*****	*****	*****	*****	P ₂ O ₅	15	Band (2x	2) *	P ₂ O ₅				P ₂ O ₅			
						K ₂ O	10	Band (2x	:2) *	K ₂ O				K ₂ O			
Chloride 0-6''	106 lb/ac	*****	*****	*****	*****	CI				CI				CI			-
6-24'' Sulfur	360 +lb/ac					s	0			s				S			
Boron						В				В				В			
Zinc	1.87 ppm	*****	*****	*****	****	Zn	4	Band (Ti	ial)	Zn				Zn			
Iron						Fe				Fe				Fe			
Manganese						Mn				Mn				Mn			
Copper Magnesium	1905					Cu				Cu				Cu			
Calcium	1805 ppm 6245 ppm					Mg	0			Mg				Mg			
Sodium	162 ppm			*****		Lime		+		Lime				Lime			
Org.Matter	5.8 %	*****	*****	*****	****				C -t		hanar	% Ba	50 C:	L	on (Ty	pical Ra	nde)
Carbonate(CCE)						Soil	рН	Buffer pH	Cat	ion Exc Capaci	-	% Ca		Mg	% К	% Na	%
0-6" 6-24" Sol. Salts	1.08 mmho/cm 1.73 mmho/cm					0 - 6" 8 6-24" 8				48.2 m	eq	(65-75) 64.7	(15	5-20) 1.2	(1-7) 2.6	(0-5) 1.5	(0-5

General Comments: Texture is not estimated on high pH soils.

	SOIL TEST REPORT	N
LABORATORIES	FIELD ID 3624 Field # 10 SAMPLE ID	
Soil Analysis by Agvise Laboratories (http://www.agvise.com)	FIELD NAME Dewey Farms Ltd COUNTY	
Northwood: (701) 587-6010 Benson: (320) 843-4109	TWP SW 19-6- 1W RANGE	E
	SECTION QTR ACRES 152 PREV. CROP Oats	
SUBMITTED FOR: AshwoodClearview FarNur	SUBMITTED BY: EL1911 AGRA-GOLD CONSULTING LTD CLIFF LOEWEN	S
	33020 ROAD 40 N BLUMENORT, MB R0A 0C1	REF # 1949192 BOX # 0 LAB # NW45471

Date Received 08/19/2017

Date Reported 8/21/20

Nutrient I	n The Soil	Т	nterpr	otati	on	1.0	t Cr	op Choice	_	21	d Cro	p Choice			Rrd Cr	op Cho	ice
Nutrient 1								-	_	~1			,			op eno	
	-	VLow	Low	Med	High		Coi	rn-Grain									
0-6' 6-24'	,						YIE	LD GOAL			YIELD	GOAL			YIE	D GOAL	
		****					16	0 BU									
0-24'	' 18 lb/ac					SUG	GESTE	ED GUIDELIN	ES	SUG	GESTED	GUIDELINE	S	รเ	JGGESTE	D GUIDEL	INES
Nitrate								Band									
						LB/A	ACRE	APPLICA ⁻	TION	LB//	ACRE	APPLICAT	ION	LB	/ACRE	APPLI	CATIO
Olser Phosphorus	n 8 ppm	*****	*****			N	174			N				N			
Potassium	489 ppm	*****	*****	*****	*****	P ₂ O ₅	56	Band ³	*	P ₂ O ₅				P ₂ O ₅			
						K ₂ O	10	Band (2x	2) *	K ₂ O				K ₂ O			
Chloride		<u> </u>				CI				CI				CI			
0-6' 6-24' Sulfur						S	0			S				s			
Boron						В				В				В			-
Zinc	1.08 ppm	*****	*****	*****		Zn	3	Band (Tr	ial)	Zn				Zn			
Iron						Fe				Fe				Fe			
Manganese										Mar				Mar			
Copper						Mn				Mn				Mn	_		
Magnesium	1711 ppm	*****	*****	*****	*****	Cu				Cu				Cu	_		
Calcium	6786 ppm	*****	*****	*****	*****	Mg	0			Mg				Mg			
Sodium	113 ppm	*****	*****	****		Lime				Lime				Lime			
Org.Matter	5.3 %	*****	*****	*****	***				Cat	ion Eve	hanac	% Ba	se S:	aturat	ion (Ty	pical Ra	nae)
Carbonate(CCE)						Soil	ъН	Buffer pH	Cat	ion Exc Capaci	-	% Ca	-	Mg	% K	% Na	%
0-6' 6-24' Sol. Salts		***** *****			****	0-6" 8 6-24" 8				49.9 m	-	(65-75) 68.0	(15	5-20) 8 .6	(1-7) 2.5	(0-5) 1.0	(0-5

General Comments: Texture is not estimated on high pH soils.

	SOIL TEST REPORT	N
LABORATORIES	FIELD ID 3627 Field # 11 SAMPLE ID	
Soil Analysis by Agvise Laboratories (http://www.agvise.com)	FIELD NAME Dewey Farms Ltd COUNTY	
Northwood: (701) 587-6010	TWP SE 19-6-1W RANGE	W E
Benson: (320) 843-4109	SECTION QTR ACRES 153 PREV. CROP Oats	
SUBMITTED FOR:	SUBMITTED BY: EL1911	S
AshwoodClearview FarNur	AGRA-GOLD CONSULTING LTD CLIFF LOEWEN	
	33020 ROAD 40 N BLUMENORT, MB R0A 0C1	REF # 1949193 BOX # 0 LAB # NW45475

Date Received 08/19/2017

Date Reported 8/21/20

Nutrien	nt In	The Soil	Ir	nterpr	etatio	on	19	st Cro	op Choice	a	2 n	d Croj	p Choice	•	3	Brd Cr	op Cho	ice
			VLow	Low	Med	High		Cor	n-Grain									
	0-6" -24"	15 lb/ac 15 lb/ac						YIEL	D GOAL			YIELD	GOAL			YIEI	D GOAL	
			*****					16) BU									
0-	-24''	30 lb/ac					SUG	GESTE	D GUIDELIN	ES	SUG	GESTED	GUIDELINE	S	SL	IGGESTE	D GUIDEL	INES
Nitrate								I	Band									
							LB/A	CRE	APPLICA	TION	LB/A	ACRE	APPLICAT	ION	LB	/ACRE	APPLI	CATIO
O Phosphorus	lsen	12 ppm	*****	*****	*****		N	162			N				N			
Potassium		499 ppm	*****	*****	*****	*****	P ₂ O ₅	40	Band	*	P ₂ O ₅				P ₂ O ₅			
							K ₂ O	10	Band (2x	2) *	K ₂ O				K ₂ 0			
Chloride	0-6"	120 + b/ac	*****	* * * * * * *	*****	*****	CI				CI				CI			
	-24"	360 + I b/ac					s	0			S				S			
Boron							В				В				В			
Zinc		1.40 ppm	*****	*****	*****	**	Zn	3	Band (Tr	·ial)	Zn				Zn			
Iron							Fe				Fe				Fe			
Manganese							Mn				Mn				Mn			
Copper									_									
Magnesium		2009 ppm	*****	*****	*****	*****	Cu		_		Cu				Cu			
Calcium		6706 ppm	*****	*****	*****	*****	Mg	0			Mg				Mg			
Sodium		196 ppm	*****	*****	*****	*****	Lime				Lime				Lime			
Org.Matter		5.6 %	*****	*****	*****	****				Cati	ion Exc	hange	% Ba	se Sa	aturati	ion (Ty	pical Ra	nge)
Carbonate(CCE)							Soil I	bH	Buffer pH		Capaci	-	% Ca	%	Mg	% К	% Na	%
	0-6" -24"	0.92 mmho/cm 1.85 mmho/cm		******			0 - 6" 8 6 - 24" 8				52.4 m	eq	(65-75) 64.0		5-20) 5 1.9	(1-7) 2.4	(0-5) 1.6	(0-5

General Comments: Texture is not estimated on high pH soils.

	SOIL TEST REPORT) N
LABORATORIES	FIELD ID 5703 Field # 12 SAMPLE ID	
Soil Analysis by Agvise Laboratories (http://www.agvise.com)	FIELD NAME Dewey Farms Ltd COUNTY	
Northwood: (701) 587-6010 Benson: (320) 843-4109	TWP NW 20-6- 1W RANGE	E
	SECTION QTR ACRES 80 PREV. CROP Oats	
SUBMITTED FOR: Ashwood Clearview	SUBMITTED BY: EL1911 AGRA-GOLD CONSULTING LTD	S
	CLIFF LOEWEN 33020 RD 40 N BLUMENORT, MB R0A 0C1	REF # 2326168 BOX # 397 LAB # NW40113

Date Received 08/19/2018

Date Reported 8/20/2018

													_				
Nutrient I	n The Soil	Ir	nterpr	etati	on	1 s	t Cro	p Choice	e	2nd	Cro	o Choice		3	rd Cr	op Cho	ice
		VLow	Low	Med	High		Cano	ola-bu									
0-6" 6-24"	53 lb/ac 51 lb/ac						YIELD) GOAL		,	YIELD	GOAL		YIELD GOAL			
	,		*****	*****	***		60	BU									
0-24''	104 i b/ac					SUGGESTED GUIDELINES Band			SUGGE	STED	GUIDELINES	5	SUGGESTED GUIDELI			INES	
Nitrate																	
						LB/A	ACRE	APPLICA	ΓION	LB/ACF	RE	APPLICATI	ON	LB,	ACRE	APPLI	CATION
Olsen Phosphorus	7 ppm	*****	*****			N	106			N				N			
Potassium	449 ppm	*****	*****	*****	*****	P ₂ O ₅	54	Band	*	P ₂ O ₅				P ₂ O ₅			
						K ₂ O	0			K ₂ O				K ₂ 0			
Chloride	122 - 11- (CI				CI				CI			
0-6'' 6-24'' Sulfur	120 +lb/ac 360 +lb/ac					S	10	Band		S				S			
Boron						В				В				В			
Zinc	0.66 ppm	*****	*****	*		Zn	3	Band (Tr	ial)	Zn				Zn			
Iron						Fe				Fe				Fe			
Manganese						Mn				Mn				Mn			
Copper																	
Magnesium	2036 ppm	*****	*****	*****	*****	Cu				Cu				Cu		_	
Calcium	6517 ppm	*****	*****	*****	*****	Mg	0			Mg				Mg			
Sodium	287 ppm	*****	*****	*****	*****	Lime				Lime				Lime			
Org.Matter	5.1 %	*****	*****	*****	**				Cat	ion Excha	200	% Bas	ie Sa	turati	on (Ty	pical Ra	nae)
Carbonate(CCE)						Soil pH B		uffer pH	Cat	Capacity	nge	% Ca		Mg % I		% Na	% H
0-6" 6-24" Sol. Salts	2.1 mmho/cm 2.44 mmho/cm				******	0-6" 8 6-24" 8				52.0 meq		(65 - 75) 62.7		-20) 2.7	(1-7) 2.2	(0-5) 2.4	(0-5)
		l				k											

General Comments: Texture is not estimated on high pH soils.

Concern comments. Texture is not estimated on nign pH soils. Crop 1: * 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: P2O5 = 54 K2O = 27 AGVISE Band guidelines will build P & K test levels to the medium range over many years.

	SOIL TEST REPORT	N
Soil Analysis by Agvise Laboratories (http://www.agvise.com) Northwood: (701) 587-6010 Benson: (320) 843-4109	FIELD ID SE 20-6-1W SAMPLE ID Field # 13 FIELD NAME COUNTY TWP RANGE SECTION QTR ACRES 160 PREV. CROP Wheat-Spring	W
SUBMITTED FOR: DEWEY'S	SUBMITTED BY: TE0521 RICHARDSON PIONEER-BRUNKI HWY 3 BOX 128 BRUNKILD, MB ROG 0E0	S REF # 5785513 BOX # 0 LAB # NW193143

Date Sampled

Date Received 11/27/2016

Date Reported 12/12/2016

Nutrient In	The Soil	In	terp	retati	ion	1s	t Cro	p Choice		2n	d Cro	p Choice	3	3rd Crop Choice					
		VLow	Low	Med	High		Soy	beans			Cano	ola-bu							
0-6" 6-24"	7 lb/ac 36 lb/ac						YIEL	IELD GOAL			GOAL		YIELD GOAL						
		*****	**				50	BU			60	BU							
0-24''	43 lb/ac					SUGO	GESTEI	O GUIDELIN	ES	SUGO	GESTED	GUIDELINES	SUG	GESTE	D GUIDEL	INES			
Nitrate				Contraction of the second			Band	i/Maint.			Band,	/Maint.							
						LB/A	CRE	APPLICA	TION	LB/A	CRE	APPLICATIO	N LB/	ACRE	APPLIC	ATION			
Olsen Phosphorus	8 ppm	*****	*****	× Contraction of the second se		N	***			N	167		N						
Potassium	550 ppm	*****	*****	*****	******	P2O5	44	Band	*	P2O5	54	Band *	P2O5						
						K ₂ O	0			K ₂ O	0		K ₂ O						
Chloride 0-6"	120 +lb/ac	*****		*****		CI				CI			CI						
6-24 " Sulfur	360 +lb/ac	CONTRACTOR OF	The I States	*****	1000000000	S	0			S	10	Band	S						
Boron	2.4 ppm	*****	*****	*****	******	В	0			В	0		В						
Zinc	0.98 ppm	*****	*****	*****		Zn	3	Band (Tr	ial)	Zn	3	Band (Trial)	Zn						
Iron	20.7 ppm	*****	*****	* * * * * * *	******	Fe	0			Fe	0		Fe						
Manganese	1.9 ppm	*****	*****	* *****		Mn	0			Mn	0		Mn						
Copper	1.94 ppm	*****	*****	*****	***	Cu	0			Cu	0		Cu						
Magnesium	2053 ppm	*****	*****	*****	******	C. P. S.				111111									
Calcium	6732 ppm	*****	*****	*****	******	Mg	0			Mg	0		Mg						
Sodium	205 ppm	*****	*****	*****	******	Lime				Lime			Lime						
Org.Matter	4.1 %	*****	*****	* * * * *					Cat	ion Exc	hange	% Base	Saturati	on (Ty	pical Ran	nge)			
Carbonate(CCE)	8.7 %	*****	*****	*****	****	Soil	DH	Buffer pH		Capaci	ty	% Ca	% Mg	% K	% Na	% H			
0-6" 6-24" Sol. Salts	1.18 mmho/cm 2.74 mmho/cm	*****	C. States	*****	***	0-6" 8 6-24" 8				53.1 m	eq	(65-75) 63.4	(15-20) 32.2	(1-7) 2.7	(0-5) 1.7	(0-5)			

General Comments: Texture is not estimated on high pH soils.

Crop 1: * Caution: Seed Placed Fertilizer Can Cause Injury * Many crops may respond to a starter application of P & K even on high soil tests. The risk of the development of iron chlorosis on soybeans on this field is extreme based on the salt and carbonate levels. Crop Removal: P2O5 = 44 K2O = 75 AGVISE Band/Maintenance guidelines will build P & K test levels to the medium range over many years and then maintain them. Soybeans may respond to nitrogen on fields testing less than 60 lb/ac with a limited soybean history.