

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

Benson: (320) 843-4109

## SOIL TEST REPORT

FIELD ID SAMPLE ID Org/Red FIELD NAME Stokes 10 NW

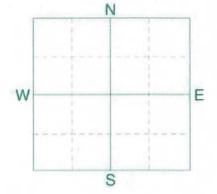
COUNTY Roseau

TWP Stokes **RANGE** 

QTR NW ACRES 96 SECTION 10

SUBMITTED BY: CE4205

PREV. CROP



4130419 BOX #

2079

REF # NW80478 LAB#

SUBMITTED FOR:

Krs Farms

**CHS-GREENBUSH** 25517 ST HWY 11

BADGER, MN

56714

Date Sampled

Date Received 09/11/2023

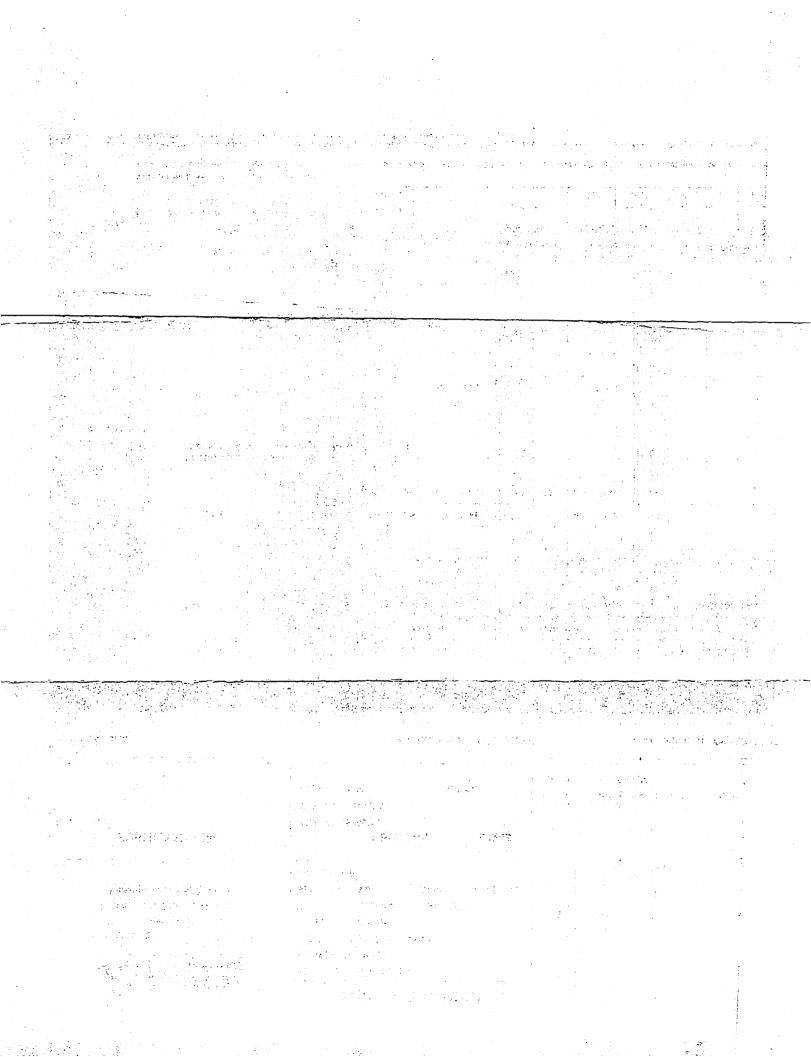
Date Reported 09/12/2023

Nutrient In	Int	erpr	etation		1st	Cro	p Choice		2n	d Cro	p Choice		3	rd Cr	op Cho	ice	
		VLow	Low	Med Hig	gh	٧	Wheat	-Spring			Soyl	peans					
0-6" 6-24"	77 lb/acre 45 lb/acre					YIELD GOAL 70 BU				YIELD GOA		GOAL		YIELD GOAL			
0-24	45 15/ 46/ 6	*****	*****	*****	***					40 BU							
0-24" 122 lb/acre				SU	SUGGESTED GUIDELINES				SUGGESTED GUIDELINES			5	SUGGESTED GUIDELINES				
Nitrate					University			University									
				LE	LB/ACRE APPLICAT		TION	N LB/ACRE		APPLICATION		LB/ACRE		APPLIC	CATION		
Olsen Phosphorus	8 ppm	*****	*****		N		55			N	***			N			
Potassium	110 ppm	*****	*****		P <sub>2</sub> O	5	35	Broadca	st	P <sub>2</sub> O <sub>5</sub>	15	Broadcas	t	P <sub>2</sub> O <sub>5</sub>			
		TO ELL			K <sub>2</sub> (	)	60	Broadca	st	K <sub>2</sub> O	40	Broadcas	t	K <sub>2</sub> O			
Chloride					CI					CI				CI			
0-6" 6-24"	120 +lb/acre 252 lb/acre	Section of the section of		******	Contract of the Contract of th		0			S	0			S			
Sulfur					В					В				В			
Zinc	0.35 ppm	*****			Zn			Not		Zn		Not		Zn			
Iron								Availab	le			Available	-				
Manganese					Fe					Fe				Fe			
Copper					Mn					Mn				Mn			
Magnesium	966 ppm	*****	*****	*****	Cu		attance and			Cu		-		Cu			
Calcium	4796 ppm	*****	*****	*****	*** Mg		0			Mg	0			Mg			
Sodium	41 ppm	*****			Lim	e				Lime				Lime			
Org.Matter	4.2 %	*****	*****	****		Cat		ition Exchange % Base		e Sa	Saturation (Typical Range)						
Carbonate(CCE)	1.7 %	*****	*****		So	il pH	B	uffer pH		Capaci		% Ca	%	Mg	% K	% Na	% H
0-6" 6-24" Sol. Salts	0.66 mmho/cm 0.36 mmho/cm	The same of the sa		****	0-6'	8.0	100			32.5 me	q	(65-75) <b>73.8</b>		-20) <b>4.8</b>	(1-7) <b>0.9</b>	(0-5) <b>0.5</b>	(0-5) <b>0.0</b>

General Comments: Soil texture is not estimated on high pH soils.

Crop 1: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P2O5 = 44 K2O = 26 University guideline will build P & K soil test levels to the medium range over several years.

Crop 2: May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is moderate, based on soil carbonate and salinity. Crop nutrient removal: P205 = 30 K20 = 47 University guideline will build P & K soil 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

SAMPLE ID Yellow/Lime FIELD NAME Stokes 10 NW

COUNTY Roseau

TWP Stokes **RANGE** 

SECTION 10 QTR NW ACRES 96

PREV. CROP

SUBMITTED FOR:

SUBMITTED BY: CE4205

**CHS-GREENBUSH** 25517 ST HWY 11

BADGER, MN 56714

W E S

REF # 4130420 BOX # 2013 LAB #

NW80479

Date Sampled

Krs Farms

Date Received 09/11/2023

Date Reported **09/12/2023** 

Nutrient In	The Soil	Interpretation	15	t Cro	p Choice	2n	d Cro	p Choice		3rd Cr	op Cho	ice	
		VLow Low Med High	Wheat-Spring				Soybeans						
0-6" 108 lb/acre 6-24" 117 lb/acre			YIELD GOAL				YIELD GOAL			YIELD GOAL			
		******		70	BU		40 BU						
0-24"	225 lb/acre		SUG	GESTED	GUIDELINES	SUG	SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
Nitrate			University				University						
			LB/ACRE		APPLICATION	N LB/A	ACRE	APPLICATIO	N LI	LB/ACRE		APPLICATION	
Olsen Phosphorus	8 ppm	******	N	10		N	***		N				
Potassium	106 ppm	*****	P <sub>2</sub> O <sub>5</sub>	35	Broadcast	P <sub>2</sub> O <sub>5</sub>	15	Broadcast	P <sub>2</sub> O	5			
			K <sub>2</sub> O	65	Broadcast	K <sub>2</sub> O	45	Broadcast	K <sub>2</sub> (	)			
Chloride			CI			CI			CI				
0-6" 6-24"	16 lb/acre 54 lb/acre	****** ***** *****	S	0		S	0		S				
Sulfur			В			В			В				
Zinc	0.39 ppm	*****	Zn		Not Available	Zn		Not Available	Zn				
Iron			Fe			Fe			Fe		+		
Manganese			Mn			Mn			Mn				
Copper			Cu			Cu			Cu				
Calcium		***** ***** ***** *****	Mg	0	Non-Agin de la companya de la compan	Mg	0		Mg				
Sodium	4810 ppm 18 ppm			0									
Org.Matter	3.7 %	******	Line	Lime		Lime				Lime			
Carbonate(CCE)	2.8 %		Soil	Soil pH Buffer pH		Capaci	All and the second		Saturat % Mg	aturation (Typical Rang		nge) % H	
0-6" 6-24"	0.57 mmho/cm 0.32 mmho/cm	*****	0-6" <b>7</b>			30.0 me	E.	S CONTRACTOR OF STREET	15-20) 18.8	% K	% Na (0-5) <b>0.3</b>	(0-5) <b>0.0</b>	

General Comments: Soil texture is not estimated on high pH soils.

Crop 1: May respond to starter P & K, even on high soil tests. Crop nutrient removal: P205 = 44 K20 = 26 University guideline will build P & K soil test levels to the medium range over several years.

Crop 2: May respond to starter P & K, even on high soil tests. Soybean iron deficiency (IDC) risk is high, based on soil carbonate and salinity. Crop nutrient removal: P205 = 30 K20 = 47 University guideline will build P & K soil test levels to the medium range over several years.

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

## SOIL TEST REPORT

FIELD ID Stokes 10

SAMPLE ID Green

FIELD NAME Stokes 10 NW

COUNTY Roseau

TWP Stokes

SECTION 10 QTRNW ACRES 96

PREV. CROP

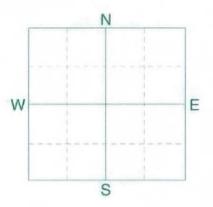
SUBMITTED FOR: SUBMITTED BY: CE4205

CHS-GREENBUSH 25517 ST HWY 11

BADGER, MN

56714

**RANGE** 



REF # 4130421 BOX # 2013

LAB # **NW80480** 

Date Sampled

Krs Farms

Date Received 09/11/2023

Date Reported 09/12/2023

Nutrient I	n The Soil	Interpretation	15	t Cro	p Choice	2r	d Cro	p Choice		3rd Cr	op Cho	ice	
		VLow Low Med High		Wheat	-Spring		Soyl	beans					
0-6" 71 lb/acre 6-24" 90 lb/acre			YIELD GOAL				YIELD GOAL			YIELD GOAL			
		******		70	BU		40 BU						
0-24"	161 lb/acre		SUG	GESTED	GUIDELINES	SUG	SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			
Nitrate			University				University						
			LB/A	CRE	APPLICATIO	N LB/	ACRE	APPLICATIO	N L	B/ACRE	APPLI	CATION	
Olsen Phosphorus	6 ppm	*****	N	15		N	***		N				
Potassium	118 ppm	*****	P <sub>2</sub> O <sub>5</sub>	45	Broadcast	P <sub>2</sub> O <sub>5</sub>	30	Broadcast	P <sub>2</sub> C	5			
			K <sub>2</sub> O	50	Broadcast	K <sub>2</sub> O	40	Broadcast	K <sub>2</sub> (	)			
Chloride	4.4 15.45 500		CI			CI			CI				
0-6" 6-24"	48 lb/acre	******	s	0		S	0		S				
Sulfur Boron			В			В			В				
Zinc	0.28 ppm	*****	Zn		Not Available	Zn		Not Available	Zr				
Iron			Fe			Fe			Fe			***************************************	
Manganese Copper			Mn			Mn			Mr				
Magnesium	726 nnm	*****	Cu			Cu			Cu			Laga	
Calcium	5275 ppm		Mg	0		Mg	0		Mg				
Sodium	22 ppm		Lime			Lime			Lim	e			
Org.Matter	3.6 %	***** *****			ation Exchange % Base Sa		Satura	aturation (Typical Range)					
Carbonate(CCE)	3.8 %	*****	Soil	он в	uffer pH	Capaci	Control of the last	% Ca	% Mg	% K	% Na	% H	
0-6" 6-24"	0.5 mmho/cm 0.34 mmho/cm	THE RESERVE OF THE PERSON OF T	0-6" <b>8</b>			32.8 m	eq	(65-75) <b>80.4</b>	(15-20) <b>18.4</b>	(1-7) <b>0.9</b>	(0-5) <b>0.3</b>	(0-5) <b>0.0</b>	

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