

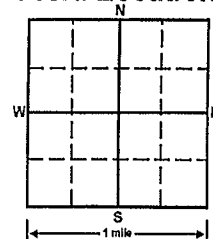


Soil Analysis by Agvise Laboratories
 Northwood: (701) 587-6010
 Benson: (320) 843-4109

SOIL TEST REPORT

FIELD 4 SAMPLE 11410495
 CNTY DUNN
 TWP 143N-96W SECTION 24
 QTR NE ACRES 18.0
 PREV. CROP Corn-Grain

Field Location



SUBMITTED FOR:
 SWNDSH PLOTS

SUBMITTED BY: DU0283
 DUNN COUNTY SOIL CONS
 105 RODEO DR
 BOX 359
 KILLDEER, ND
 58640

REF# 11410495
 LAB# 7574
 BOX# 0

Date Sampled: 4/16/2009

Date Received: 4/17/2009

Date Reported: 4/21/2009

NUTRIENT IN THE SOIL		INTERPRETATION				1ST CROP CHOICE			2ND CROP CHOICE			3RD CROP CHOICE		
		V/Low	Low	Med	High	Oats-Peas			Oats			Peas-Field		
						YIELD GOAL			YIELD GOAL			YIELD GOAL		
						1-Season			45 BU			20 BU		
						SUGGESTED GUIDELINES			SUGGESTED GUIDELINES			SUGGESTED GUIDELINES		
						Band			Band			Band		
						LB/ACRE	APPLICATION		LB/ACRE	APPLICATION		LB/ACRE	APPLICATION	
Nitrate	0-6" 37 lb/ac 6-24" 90 lb/ac 0-24" 127 lb/ac	****	****	****	**	N	0		N	13		N	0	
Olsen Phosphorus	15 ppm	****	****	****	****	P ₂ O ₅	14	Band *	P ₂ O ₅	15	Band(Starter)*	P ₂ O ₅	9	Band *
Potassium	273 ppm	****	****	****	****	K ₂ O	0		K ₂ O	10	Band(Starter)*	K ₂ O	0	
Chloride	0-24" 20 lb/ac	****	**			Cl	**		Cl	20	Broadcast	Cl	**	
Sulfur	0-6" 12 lb/ac 6-24" 102 lb/ac	****	***			S	9	Band (Trial)	S	5	Band (Trial)	S	9	Band (Trial)
Boron						B			B			B		
Zinc						Zn			Zn			Zn		
Iron						Fe			Fe			Fe		
Manganese						Mn			Mn			Mn		
Copper	1.07 ppm	****	****	****	****	Cu	0		Cu	0		Cu	0	
Magnesium						Mg			Mg			Mg		
Calcium						Lime			Lime			Lime		
Sodium						Soil pH	Buffer pH	Calcium Exchange Capacity	% Base Saturation (Typical Range)					
Org. Matter	2.7 %	****	****			7.1			% Ca	% Mg	% K	% Na	% H	
Carbonate(CCE)														
Soil Salts	0-6" 0.42 mmho/cm 6-24" 0.59 mmho/cm	****	***											

General Comments: ** Chloride yield data is limited for this crop.
 Crop 1: 44 lbs of 0-0-60 = 20 lbs of Chloride ** Soil Chloride Level is low, however yield data is limited for this crop. * Caution: Seed Placed Fertilizer Can Cause Injury * Crop Removal: P2O5 = 36 K2O = 123 AGVISE Band guidelines will build P & K test levels to the medium range over many years.
 Crop 2: 44 lbs of 0-0-60 = 20 lbs of Chloride * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen Guidelines have been adjusted because most of the Nitrogen in this field is deep. Crop Removal: P2O5 = 11 K2O = 9 AGVISE Band guidelines will build P & K test levels to the medium range over many years.
 Crop 3: 44 lbs of 0-0-60 = 20 lbs of Chloride ** Soil Chloride Level is low, however yield data is limited for this crop. * Caution: Seed Placed Fertilizer Can Cause Injury * Crop Removal: P2O5 = 14 K2O = 14 AGVISE Band guidelines will build P & K test levels to the medium range over many years.