

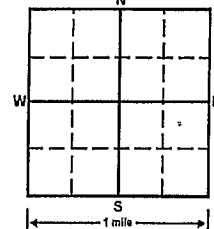


Soil Analysis by Agvise Laboratories
 Northwood: (701) 587-6010
 Benson: (320) 843-4109

SOIL TEST REPORT

FIELD 5 SAMPLE 11410496
 CNTY DUNN
 TWP 143N-96W SECTION 24
 QTR NE ACRES 18.0
 PREV. CROP Lentils

Field Location



SUBMITTED FOR:
 SWNSDSH PLOTS

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

REF# 11410496
 LAB# 7575
 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	Corn-Grain		Corn-Grain		Corn-Grain		
Nitrate	0-6" 19 lb/ac 6-24" 24 lb/ac 0-24" 43 lb/ac	****				YIELD GOAL 75 BU		YIELD GOAL 80 BU		YIELD GOAL 85 BU		
						SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		SUGGESTED GUIDELINES		
						Band		Band		Band		
						LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	LB/ACRE	APPLICATION	
Olsen Phosphorus	13 ppm	****	****	****	****	N	31	N	33	N	39	
Potassium	228 ppm	****	****	****	****	P ₂ O ₅	16 Band *	P ₂ O ₅	17 Band *	P ₂ O ₅	18 Band *	
Chloride						K ₂ O	10 Band (2x2) *	K ₂ O	10 Band (2x2) *	K ₂ O	10 Band (2x2) *	
Sulfur	0-6" 16 lb/ac 6-24" 84 lb/ac	****	****	****	****	Cl		Cl		Cl		
Boron						S	0	S	0	S	0	
Zinc	0.47 ppm	****	***			B		B		B		
Iron						Zn	3 Band	Zn	3 Band	Zn	3 Band	
Manganese						Fe		Fe		Fe		
Copper	1.48 ppm	****	****	****	****	Mn		Mn		Mn		
Magnesium						Cu	0	Cu	0	Cu	0	
Calcium						Mg		Mg		Mg		
Sodium						Lime		Lime		Lime		
Org. Matter	2.9 %	****	****			Soil pH		% Base Saturation (Typical Range)				
Carbonate (CCE)						Buffer pH	Cation Exchange Capacity	% Ca	% Mg	% K	% Na	% H
Sol. Salts	0-6" 0.5 mmho/cm 6-24" 0.48 mmho/cm	****	****			7.1						

Crop 1: * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 20 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Nitrogen Guidelines have been adjusted because most of the Nitrogen in this field is deep. Crop Removal: P2O5 = 30 K2O = 20 AGVISE Band guidelines will build P & K test levels to the medium range over many years.
 Crop 2: * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 20 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Crop Removal: P2O5 = 32 K2O = 22 AGVISE Band guidelines will build P & K test levels to the medium range over many years.
 Crop 3: * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 20 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Crop Removal: P2O5 = 34 K2O = 23 AGVISE Band guidelines will build P & K test levels to the medium range over many years.