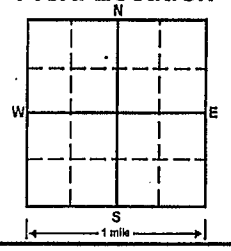
AGVISE LABORATORIES

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

SOIL TEST REPORT

FIELD	3	SAMPLE	11410494
CNTY	DUNN		
TWP	143N-96W	SECTION	24
QTR	NE	ACRES	18.0
PREV. CROP	Peas-Field		

Field Location



SUBMITTED FOR:
SWNDSH PLOTS

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

REF# **11410494**
LAB# **7573**
BOX# **0**

Date Sampled:	4/16/2009	Date Received:	4/17/2009	Date Reported:	4/21/2009

NUTRIENT IN THE SOIL		INTERPRETATION			
		VLow	Low	Med	High
0-6" Nitrate	46 lb/ac	****	****	****	***
6-24" Nitrate	96 lb/ac				
0-24" Nitrate	142 lb/ac				
Olsen Phosphorus	25 ppm	****	****	****	****
Potassium	308 ppm	****	****	****	****
0-24" Chloride	28 lb/ac	****	***		
0-6" Sulfur	22 lb/ac	****	****	**	
6-24" Sulfur	216 lb/ac	****	****	****	****
Boron					
Zinc					
Iron					
Manganese					
Copper	1.19 ppm	****	****	****	****
Magnesium					
Calcium					
Sodium					
Org Matter	3.2 %	****	****	*	
Carbonate(CCE)					
0-6" Sol. Salts	0.48 mmho/cm	****	****		
6-24" Sol. Salts	0.51 mmho/cm	****	****	*	

1ST CROP CHOICE		
Wheat-Spring		
YIELD GOAL		
30 BU		
SUGGESTED GUIDELINES		
Band		
LB/ACRE		APPLICATION
N	10	
P_2O_5	15	Band(Starter)*
K_2O	10	Band(Starter)*
Cl	12	Band
S	0	
B		
Zn		
Fe		
Mn		
Cu	0	
Mg		
Lime		

2ND CROP CHOICE		
Wheat-Spring		
YIELD GOAL		
35 BU		
SUGGESTED GUIDELINES		
Band		
LB/ACRE		APPLICATION
N	10	
P_2O_5	15	Band(Starter)*
K_2O	10	Band(Starter)*
Cl	12	Band
S	0	
B		
Zn		
Fe		
Mn		
Cu	0	
Mg		
Lime		

3RD CROP CHOICE		
Wheat-Spring		
YIELD GOAL		
40 BU		
SUGGESTED GUIDELINES		
Band		
LB/ACRE		APPLICATION
N	10	
P_2O_5	15	Band(Starter)*
K_2O	10	Band(Starter)*
Cl	12	Band
S	0	
B		
Zn		
Fe		
Mn		
Cu	0	
Mg		
Lime		

Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
			% Ca	% Mg	% K	% Na	% H
7.1							

Crop 1: 26 lbs of 0-0-60 = 12 lbs of Chloride * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 15 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Crop Removal: P2O5 = 19 K2O = 11 AGVISE Band guidelines will build P & K test levels to the medium range over many years.
Crop 2: 26 lbs of 0-0-60 = 12 lbs of Chloride * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 15 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Crop Removal: P2O5 = 22 K2O = 13 AGVISE Band guidelines will build P & K test levels to the medium range over many years.
Crop 3: 26 lbs of 0-0-60 = 12 lbs of Chloride * Caution: Seed Placed Fertilizer Can Cause Injury * Nitrogen is credited 15 lbs for the previous crop. Nitrogen credits may need to be adjusted based on local conditions. Crop Removal: P2O5 = 25 K2O = 15 AGVISE Band guidelines will build P & K test levels to the medium range over many years.