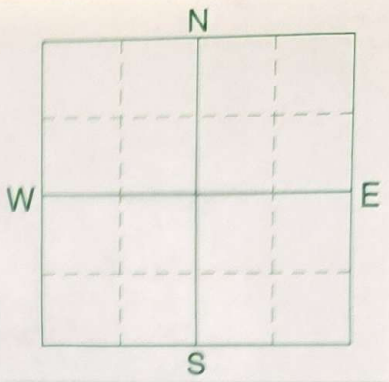
SOIL TEST REPORT

AGVISE LABORATORIES
P.O. BOX 510, NORTHWOOD, ND 58267
(701) 587-6010

FIELD
COUNTY NORMAN
TWP ANTHONY
QTR NW NE
PREV CROP WHEAT

SAMPLE
SECTION 6
ACRES



SUBMITTED FOR:
JIMMY DALE

SUBMITTED BY:
CR3056
CROOKSTON VALLEY/CROPTEC
PO BOX 483
CROOKSTON, MN 56716

REF # 22475107
LAB # 245236 BOX # 3519

DATE SAMPLED 11/11/25 DATE RECEIVED 11/12/25 DATE REPORTED 11/13/25

NUTRIENT IN THE SOIL		INTERPRETATION (V LOW / LOW / MED / HIGH)
Nitrate N 0- 6"	18 lb/acre	
6-24"	60 lb/acre	
0-24"	78 lb/acre	**********
Phosphorus (Olsen)	9 ppm	**********
Potassium	313 ppm	**********
Chloride 0-24"	40 lb/acre	**********
Sulfur 0- 6"	10 lb/acre	********
6-24"	360+ lb/acre	**********
Boron	1.9 ppm	**********
Zinc	0.50 ppm	**********
Iron	12.8 ppm	**********
Manganese	2.2 ppm	**********
Copper	1.37 ppm	**********
Magnesium	1559 ppm	**********
Calcium	5138 ppm	**********
Sodium	51 ppm	*******
Organic Matter	4.1 %	**********
Carbonate (CCE)	10.5 % CCE	**********
Soluble Salts 0- 6"	0.48 dS/m	**********
6-24"	0.85 dS/m	**********

1ST CROP CHOICE: WHEAT, YIELD GOAL 80 BU		
SUGGESTED GUIDELINES — BROADCAST/BUILD		
LB / ACRE		APPLICATION
N	138	
P_2O_5	85	Broadcast
K_2O	10	Band(Starter)*
Cl	0	
S	10	Broadcst(Trial)
B	0	
Zn	1	Broadcast
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime	0.0	

2ND CROP CHOICE: SOYBEANS, YIELD GOAL 50 BU		
SUGGESTED GUIDELINES — BROADCAST/BUILD		
LB / ACRE		APPLICATION
N	0	
P_2O_5	64	Broadcast
K_2O	0	
Cl	0	
S	15	Broadcst(Trial)
B	0	
Zn	3	Broadcast
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime	0.0	

3RD CROP CHOICE: GRAIN CORN, YIELD GOAL 200 BU		
SUGGESTED GUIDELINES — BROADCAST/BUILD		
LB / ACRE		APPLICATION
N	162	
P_2O_5	125	Broadcast
K_2O	10	Band (2x2) *
Cl	0	
S	10	Broadcst(Trial)
B	0	
Zn	6	Broadcast
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime	0.0	

Soil pH	Buffer pH	Cation Exchange Capacity	% Base Saturation (Typical Range)				
			% Ca	% Mg	% K	% Na	% H
0- 6" 8.3		39.7 cmol/kg	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
6-24" 8.7			64.7	32.7	2.0	0.6	

CAUTION: Seed-placed fertilizer can cause injury.

Estimated Soil Texture: Soil Texture is not estimated on high pH soils;
Soybean may respond to nitrogen if NO3-N is less than 60 lb/acre and soybean history is limited;
In no-till or reduced tillage systems, an additional 30 lb/acre nitrogen may increase corn yield;
*Broadcast P or K fertilizer is not suggested on high testing soils; however, starter fertilizer is suggested;
Soybean iron deficiency chlorosis (IDC) risk is high based on soil carbonate and salinity;
Univ. Guidelines 1st Crop (Broadcast): N: 120 P2O5: 35 K2O: 10 Cu: 0 S: 0 Cl: 0;
Univ. Guidelines 2nd Crop (Broadcast): N: 0 P2O5: 15 K2O: 0 S: 0;
Univ. Guidelines 3rd Crop (Broadcast): N: 160 P2O5: 60 K2O: 0 Zn: 10 S: 0 Mg: 0.