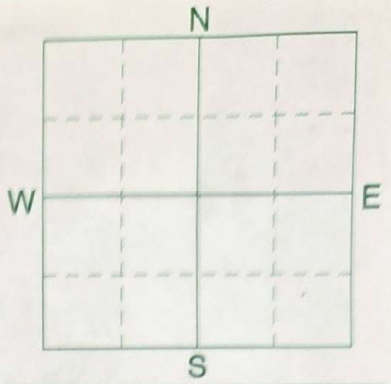
AGVISE LABORATORIES

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

SOIL TEST REPORT

FIELD
COUNTY NORMAN
TWP SHELLY
QTR SW
PREV CROP GRAIN CORN

SAMPLE
SECTION 22
ACRES



SUBMITTED FOR:
JIMMY DALE

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

REF # 22475106
LAB # 245232 BOX # 3583

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)
0- 6"	38 lb/acre	
6-24"	96 lb/acre	
0-24"	134 lb/acre	**********
Nitrate N		
Phosphorus Olsen	17 ppm	**********
Potassium	395 ppm	**********
Chloride 0-24"	36 lb/acre	**********
Sulfur 0- 6"	28 lb/acre	**********
Sulfur 6-24"	72 lb/acre	**********
Boron	1.7 ppm	**********
Zinc	0.84 ppm	**********
Iron	16.3 ppm	**********
Manganese	2.7 ppm	**********
Copper	1.43 ppm	**********
Magnesium	1351 ppm	**********
Calcium	5810 ppm	**********
Sodium	33 ppm	**********
Organic Matter	5.2 %	**********
Carbonate (CCE)	4.6 % CCE	**********
Soluble Salts 0- 6"	0.67 dS/m	**********
Soluble Salts 6-24"	0.64 dS/m	**********

1ST CROP CHOICE: WHEAT		
YIELD GOAL	80 BU	
SUGGESTED GUIDELINES		
BROADCAST/BUILD		
LB / ACRE		APPLICATION
N	82	
P_2O_5	40	Broadcast
K_2O	10	Band(Starter)*
Cl	4	Broadcast
S	0	
B	0	
Zn	0	
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	32	Broadcast
K_2O	0	
Cl	0	
S	10	Broadcst(Trial)
B	0	
Zn	2	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	106	
P_2O_5	67	Broadcast
K_2O	10	Band (2x2) *
Cl	**	
S	0	
B	0	
Zn	3	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" 8.1		41.5 cmol/kg	(65-75)	(15-20)	(1-7)	(0-5)	(0-5)
6-24" 8.6			70.1	27.2	2.4	0.3	

CAUTION: Seed-placed fertilizer can cause injury.

Estimated Soil Texture: Soil Texture is not estimated on high pH soils; Chloride is low, yield data limited for this crop;
8 lb 0-0-60 = 4 lb Chloride; 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: 65 P2O5: 15 K2O: 10 Cu: 0 S: 0 Cl: 0;
Univ. Guidelines 2nd Crop (Broadcast): N: 0 P2O5: 0 K2O: 0 S: 0;
Univ. Guidelines 3rd Crop (Broadcast): N: 105 P2O5: 15 K2O: 0 Zn: 0 S: 0 Mg: 0.