SOIL TEST REPORT

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

FIELD
COUNTY NORMAN
TWP SHELLY
QTR SE
PREV CROP WHEAT
SAMPLE
SECTION 11
ACRES

N / W / E / S

SUBMITTED FOR:
JIMMY DALE

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

REF # 22475105
LAB # 245228 BOX # 3549

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"	15 lb/acre	
6-24"	60 lb/acre	
0-24"	75 lb/acre	**********
Nitrate N		
Phosphorus Olsen	6 ppm	**********
Potassium	180 ppm	**********
Chloride 0-24"	24 lb/acre	**********
Sulfur 0-6"	14 lb/acre	**********
Sulfur 6-24"	72 lb/acre	**********
Boron	2.3 ppm	**********
Zinc	0.44 ppm	**********
Iron	12.4 ppm	**********
Manganese	2.5 ppm	**********
Copper	1.40 ppm	**********
Magnesium	1247 ppm	**********
Calcium	5053 ppm	**********
Sodium	35 ppm	**********
Organic Matter	4.2 %	**********
Carbonate (CCE)	11.8 % CCE	**********
Soluble Salts 0-6"	0.49 dS/m	**********
Soluble Salts 6-24"	0.50 dS/m	**********

1ST CROP CHOICE: WHEAT, YIELD GOAL 80 BU	LB / ACRE	APPLICATION
SUGGESTED GUIDELINES		
BROADCAST/BUILD		
N	141	
P_2O_5	102	Broadcast
K_2O	14	Broadcast
Cl	16	Broadcast
S	0	
B	0	
Zn	1	Broadcast
Fe	0	
Mn	0	
Cu	0	
Mg	0	
Lime	0.0	

2ND CROP CHOICE: SOYBEANS, YIELD GOAL 50 BU	LB / ACRE	APPLICATION
SUGGESTED GUIDELINES		
BROADCAST/BUILD		
N	0	
P_2O_5	76	Broadcast
K_2O	30	Broadcast
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	LB / ACRE	APPLICATION
SUGGESTED GUIDELINES		
BROADCAST/BUILD		
N	165	
P_2O_5	146	Broadcast
K_2O	57	Broadcast
Cl	**	
S	0	
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" 8.4		36.3 cmol/kg	(65-75) 69.7	(15-20) 28.7	(1-7) 1.3	(0-5) 0.4	(0-5)
6-24" 8.6							

Estimated Soil Texture: Soil Texture is not estimated on high pH soils; Chloride is low, yield data limited for this crop; 35 lb 0-0-60 = 16 lb Chloride; 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; Soybean iron deficiency chlorosis (IDC) risk is high based on soil carbonate and salinity;

Univ. Guidelines 1st Crop (Broadcast): N: 125 P2O5: 55 K2O: 10 Cu: 0 S: 0 Cl: 15;

Univ. Guidelines 2nd Crop (Broadcast): N: 0 P2O5: 35 K2O: 20 S: 0;

Univ. Guidelines 3rd Crop (Broadcast): N: 165 P2O5: 85 K2O: 20 Zn: 10 S: 0 Mg: 0.