

# TISSUE TEST RESULTS

## PRODUCER INFORMATION

Site ID: NTS-1619730602  
 Registered By: Clapper, Kurt  
 Producer: GENE HEAP  
 Cell Phone: 0

## SITE INFORMATION

Field Name: Trust East-M  
 Acres: 155  
 Prev. Crop: 0  
 Expected Yield: 0

## OTHER INFORMATION

Crop Specialist: Clapper, Kurt  
 Report Reviewer: Howard Brown  
 Sampler: Howard Brown  
 Lab Used: 0

Sampling Date	GROWTH STAGE	PART HARVESTED	Percent (%)							Parts per Million (ppm)				
			N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu
5/27/2021	V5	WHOLE PLANT	4.37	0.21	0.32	3.49	0.25	0.51	0.00	11.00	25.0	50.0	1239.0	12.0
7/9/2021	VT	OPP/BELOW EAR	3.12	0.20	0.35	1.74	0.37	0.49	0.00	7.00	22.00	28.00	111.00	13.00

SUFFICIENCY	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu
	S	S	S	L	S	S		S	L	L	S	S

SUFFICIENCY RANGE (VT)	LOW END	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu
	HIGH END	2.80	0.20	0.25	1.80	0.20	0.30		6	25	30	50	6
	3.50	0.50	0.40	3.00	0.50	0.70		20	50	100	250	20	

### SUGGESTIONS BASED UPON SAMPLING DATE: 7/9/2021

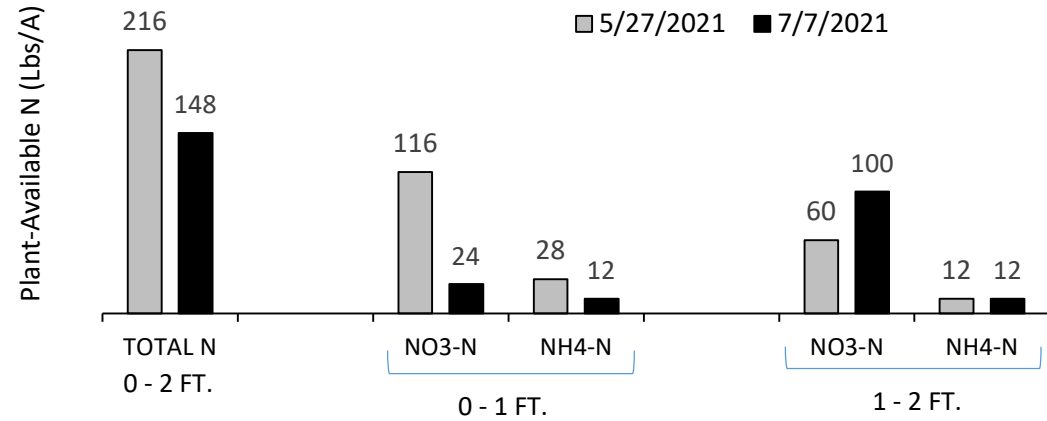
- N Nitrogen concentration sufficient
- S Sulfur concentration sufficient
- P Phosphorus concentration above sufficiency
- K Examine soil test K level.
- Mg Magnesium concentration sufficient
- Ca Calcium concentration sufficient
- Na Not essential for plant growth
- B Consider an application of boron/A pre-plant or post-emerge
- Zn Consider an application of supplemental Zinc prior to next corn crop
- Mn Consider an application of supplemental manganese prior to next corn crop
- Fe Iron concentration sufficient
- Cu Copper concentration sufficient

Comments:

**ESTIMATED CHANGE IN SOIL N**

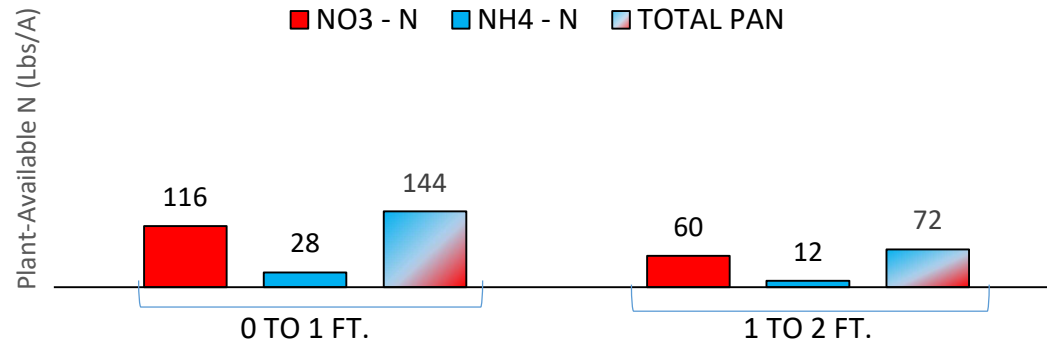
<b>BASELINE SOIL N AT:</b>	<b>V5</b>	216
<b>BARE SOIL N AT:</b>	<b>VT</b>	148
<b>+/- LBS. N:</b>		-68

**PLANT-AVAILABLE N CHANGE  
BETWEEN TWO SAMPLING DATES**



**DATE:** 5/27/2021  
**STAGE:** V5

	0 TO 1 FT.	1 TO 2 FT.
NO <sub>3</sub> - N	116	60
NH <sub>4</sub> - N	28	12
<b>TOTAL PAN</b>	<b>144</b>	<b>72</b>
<b>TOTAL PAN (2 FT)</b>	<b>216</b>	



**DATE:** 7/7/2021  
**STAGE:** VT

	0 TO 1 FT.	1 TO 2 FT.
NO <sub>3</sub> - N	24	100
NH <sub>4</sub> - N	12	12
<b>Lbs N (2 ft)</b>	<b>36</b>	<b>112</b>
<b>TOTAL PAN (2 FT)</b>	<b>148</b>	

