

TISSUE TEST RESULTS

PRODUCER INFORMATION

Site ID: NTS-1617655548
 Registered By: Clapper, Kurt
 Producer: Gene Heap
 Cell Phone: 0

SITE INFORMATION

Field Name: Trust East -S
 Acres: 155
 Prev. Crop: Soybean
 Expected Yield: 230

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
5/28/2021	V5	WHOLE PLANT	4.15	0.26	0.39	4.94	0.27	0.52	0.00	15.00	29.0	48.0	192.0	16.0
7/9/2021	VT	OPP/BELOW EAR	3.02	0.20	0.31	2.02	0.25	0.38	0.00	7.00	20.00	22.00	105.00	13.00

SUFFICIENCY	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu
	S	S	S	S	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 Review soil pH and consider a lime application
- 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:

Site ID:

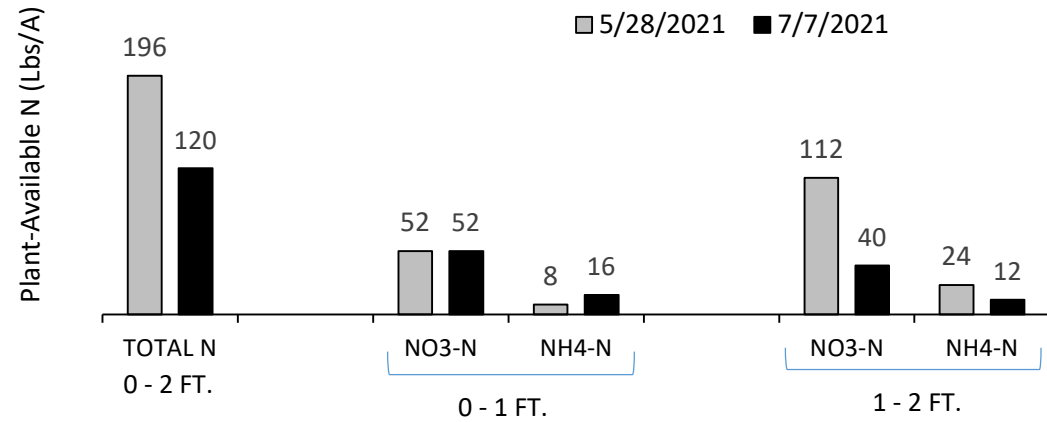
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ESTIMATED CHANGE IN SOIL N

BASELINE SOIL N AT:	V5	196
BARE SOIL N AT:	VT	120
+/- LBS. N:		-76

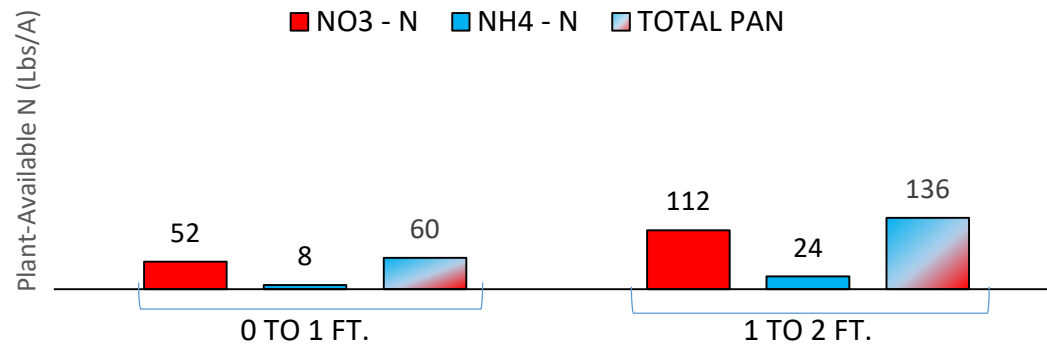
**PLANT-AVAILABLE N CHANGE
BETWEEN TWO SAMPLING DATES**

□ 5/28/2021 ■ 7/7/2021



DATE: 5/28/2021
STAGE: V5

	0 TO 1 FT.	1 TO 2 FT.
NO ₃ - N	52	112
NH ₄ - N	8	24
TOTAL PAN	60	136
TOTAL PAN (2 FT)	196	



DATE: 7/7/2021
STAGE: VT

	0 TO 1 FT.	1 TO 2 FT.
NO ₃ - N	52	40
NH ₄ - N	16	12
Lbs N (2 ft)	68	52
TOTAL PAN (2 FT)	120	

