

TISSUE TEST RESULTS

PRODUCER INFORMATION

Site ID: NTS-1617638606
 Registered By: Brokate, Haley
 Producer: John Reifsteck
 Cell Phone: 217-898-1142

SITE INFORMATION

Field Name: Pesotum
 Acres: 92.74
 Prev. Crop: Soybean
 Expected Yield: 210

OTHER INFORMATION

Crop Specialist: Brokate, Haley
 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
6/2/2021	V4	WHOLE PLANT	4.72	0.25	0.35	2.65	0.34	0.57	0.00	11.00	33.0	83.0	991.0	14.0
7/9/2021	VT	OPP/BELOW EAR	3.23	0.21	0.35	1.73	0.25	0.42	0.00	5.00	20.00	52.00	87.00	10.00

SUFFICIENCY	N	S	P	K	Mg	Ca	Na	B	Zn	Mn	Fe	Cu
	S	S	S	L	S	S		L	L	S	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 Manganese concentration sufficient
- Fe Iron concentration sufficient
- Cu Copper concentration sufficient

Comments:

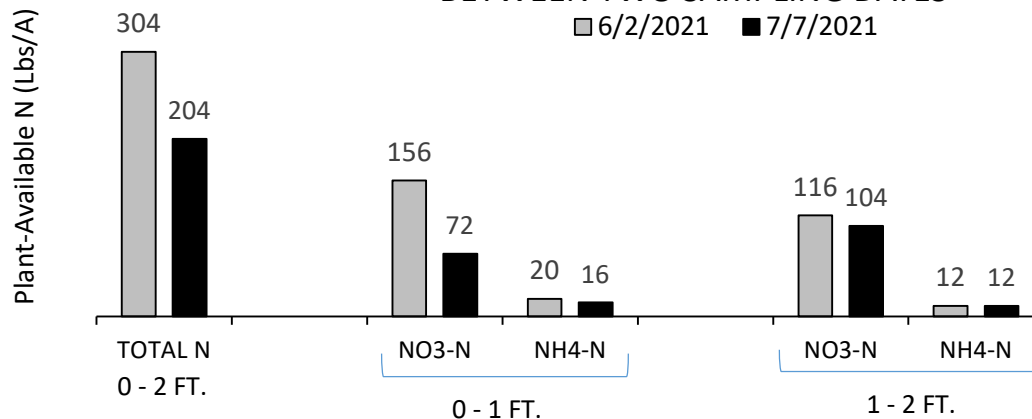
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ESTIMATED CHANGE IN SOIL N

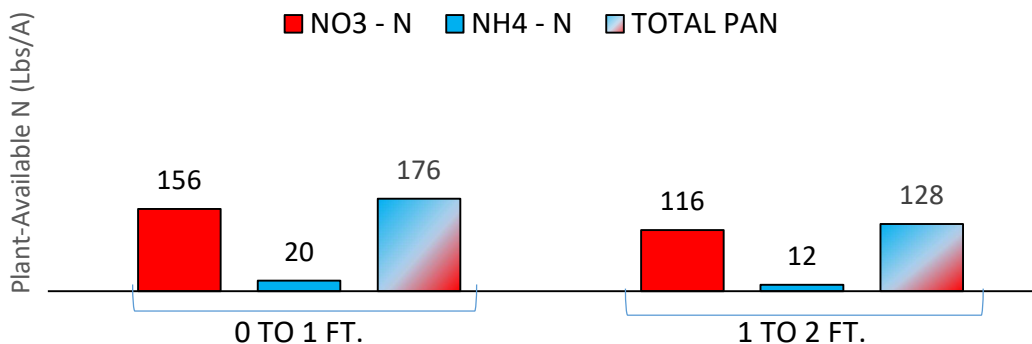
BASELINE SOIL N AT:	V4	304
BARE SOIL N AT:	VT	204
+/- LBS. N:		-100

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



DATE: 6/2/2021
STAGE: V4

	0 TO 1 FT.	1 TO 2 FT.
NO ₃ - N	156	116
NH ₄ - N	20	12
TOTAL PAN	176	128
TOTAL PAN (2 FT)	304	



DATE: 7/7/2021
STAGE: VT

	0 TO 1 FT.	1 TO 2 FT.
NO ₃ - N	72	104
NH ₄ - N	16	12
Lbs N (2 ft)	88	116
TOTAL PAN (2 FT)	204	

