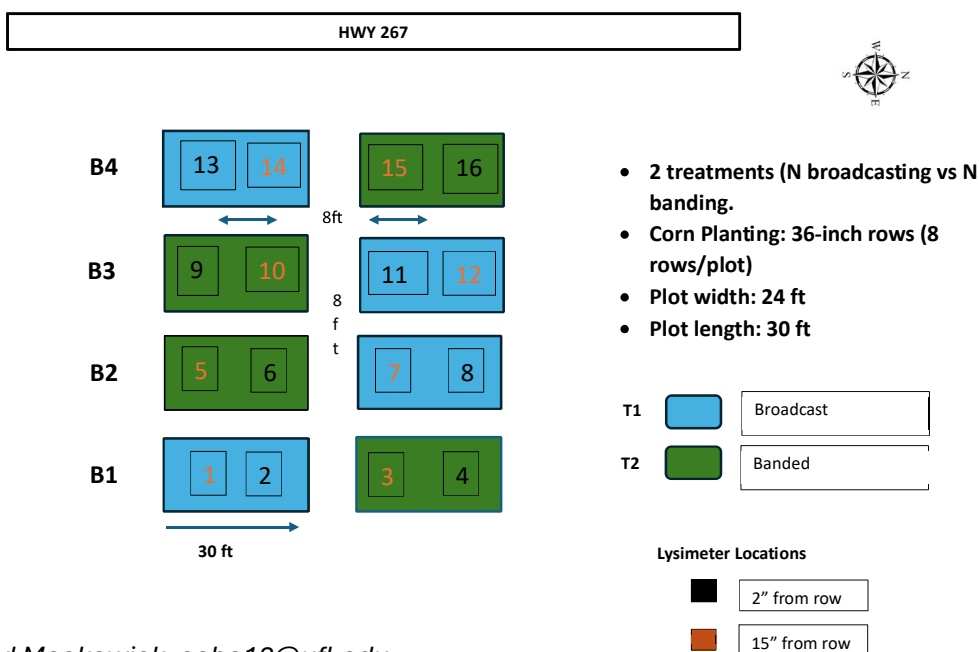


Corn 'DKC70-45' Nutrient Management (field day update July 30th, 2026)

- FDACS-sponsored project comparing broadcast N application versus banding impact on N leaching/loss potential (Quincy and Live Oak).
- Past N recommendation was 240 lbs N/acre for 250 bu corn. New IFAS recommendation upper limit is 280 lbs N/acre.
- If banded N is more efficient, we should observe corn grain yield depression under N broadcast vs N banded at 240 lbs N/acre rate.
- 4 N splits: 30 lbs (planting); 70 lbs (V4); 90 lbs (V8); 50 lbs (VT). Live Oak had 5 splits



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- ✓ Broadcast N in row depleted more quickly from soil pore water than banded N.
- ✓ Alley soil pore water N was influenced more by broadcast than banded applications.
- ✓ Peak soil pore N occurred between V8 and VT stages.
- ✓ Will compare treatments in terms of soil N with depth, crop N uptake, and grain yield.

