2010
Effect of N Sidedressing and Application Timing in Dark-Fired Tobacco

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2010 – UKREC, Princeton, KY

- Objective: Determine effect of N sidedressing and timing on yield, quality, and post-cure TSNA in dark-fired tobacco.
- Trial specifications:
  - Randomized complete block with 4 replications
  - Plots 4-rows, 40 ft. long
  - PD 7318LC transplanted May 25
    - 4900 plants/A (40” rows, 32” plant spacing)
  - Phosphate and potassium applied pretransplant according to soil test (0 P_2O_5/A; 30 lbs K_2O/A)
  - Heavy early-season rainfall, hot/dry after June 15.

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Trt	Treatment
1	300 lbs N/A pretransplant incorporated from urea (46-0-0)
2	150 lbs N/A pretransplant incorporated from urea 150 lbs N/A sidedress with liquid UAN-28 at 3 wks after transplanting
3	100 lbs N/A pretransplant incorporated from urea 100 lbs N/A sidedress with UAN-28 at 3 wks 100 lbs N/A sidedress with UAN-28 at 6 wks
4	250 lbs N/A pretransplant incorporated from urea 50 lbs N/A sidedress with ammonium nitrate (33.5-0-0) at 3 wks

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