

Evaluation of NKS-28 in Dark-Fired Tobacco

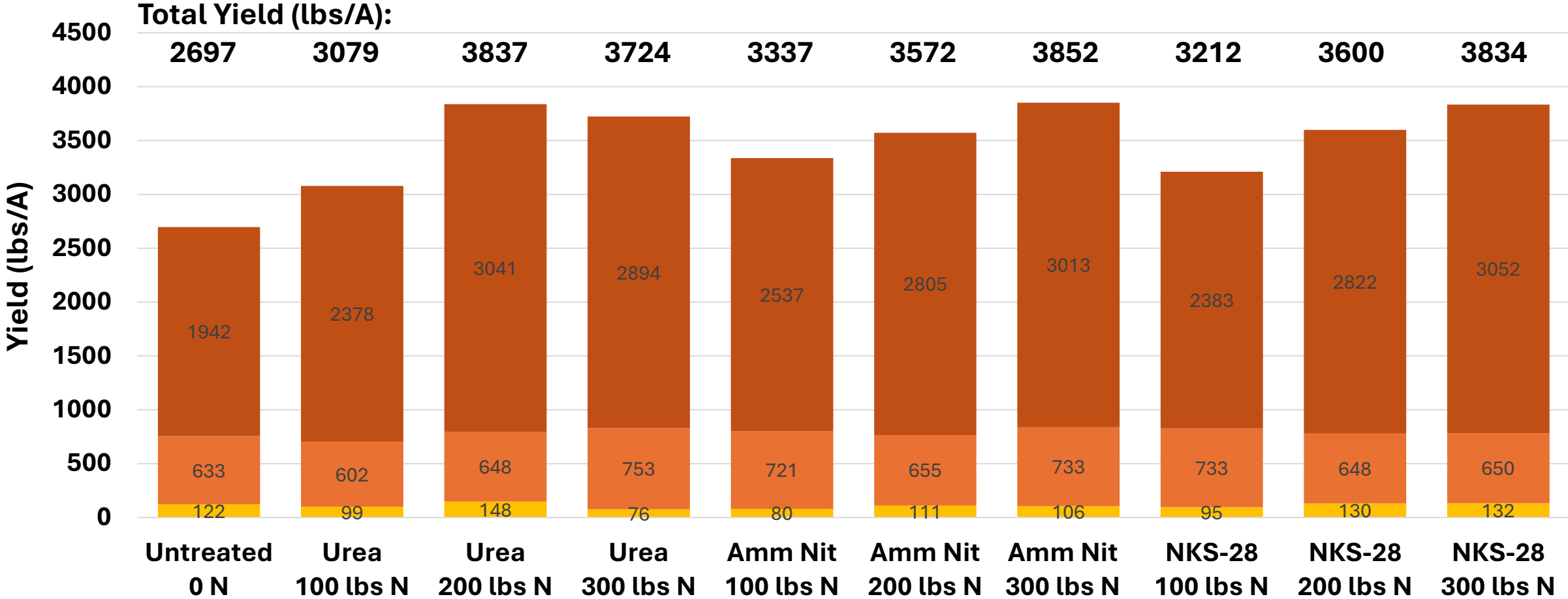
UKREC, Princeton KY - 2024

- New nitrate nitrogen source tested in 2024 at UKREC, Princeton KY
- NKS-28 is 28-0-5, 6 S
 - 28% nitrate-N
 - 5% potassium
 - 6% sulfur
- NKS-28 compared to Urea (45-0-0) and ammonium nitrate (34-0-0)
- 3 N rates of each nitrogen source (100, 200, and 300 lbs N/A)
- 50, 150 or 250 lbs N of each source applied pre-transplant, incorporated
- 50 lbs N of each source sidedress at 3 weeks, incorporated

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LSD_{0.10} = 41 130 193 226 (total)
■ Trash ■ Lug ■ Leaf

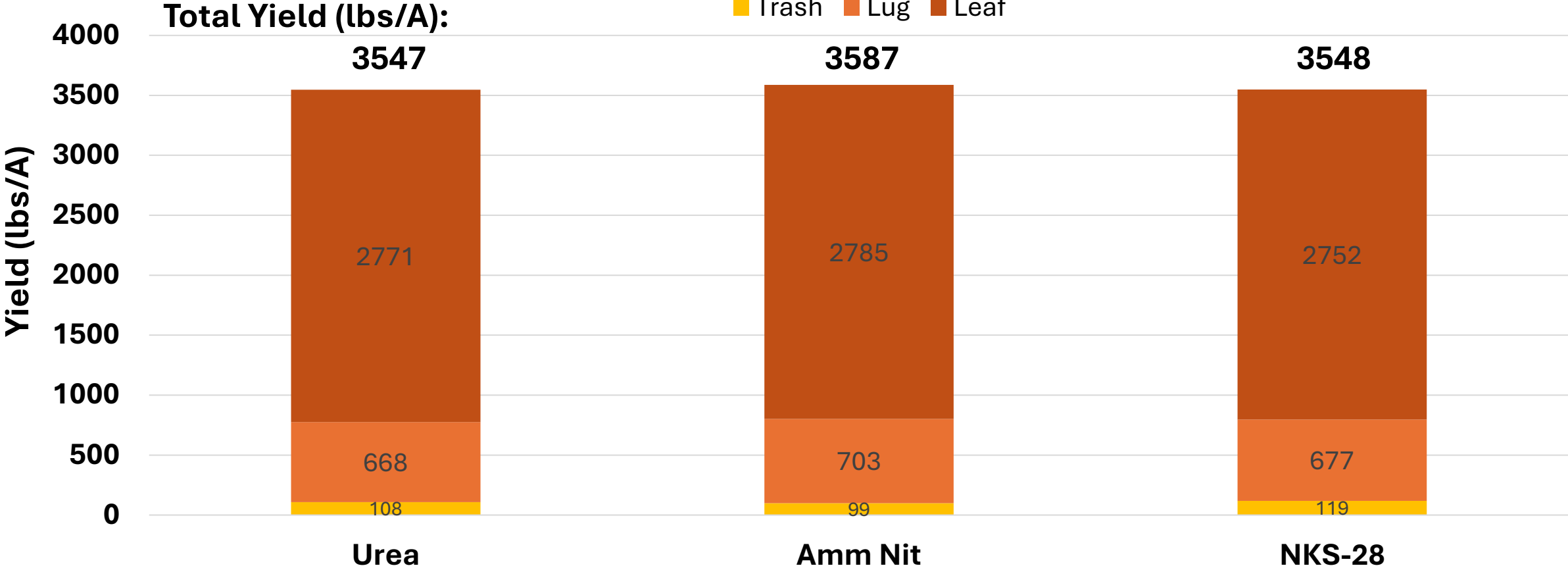


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Main Effect of Nitrogen Source (p=0.893 for Total)

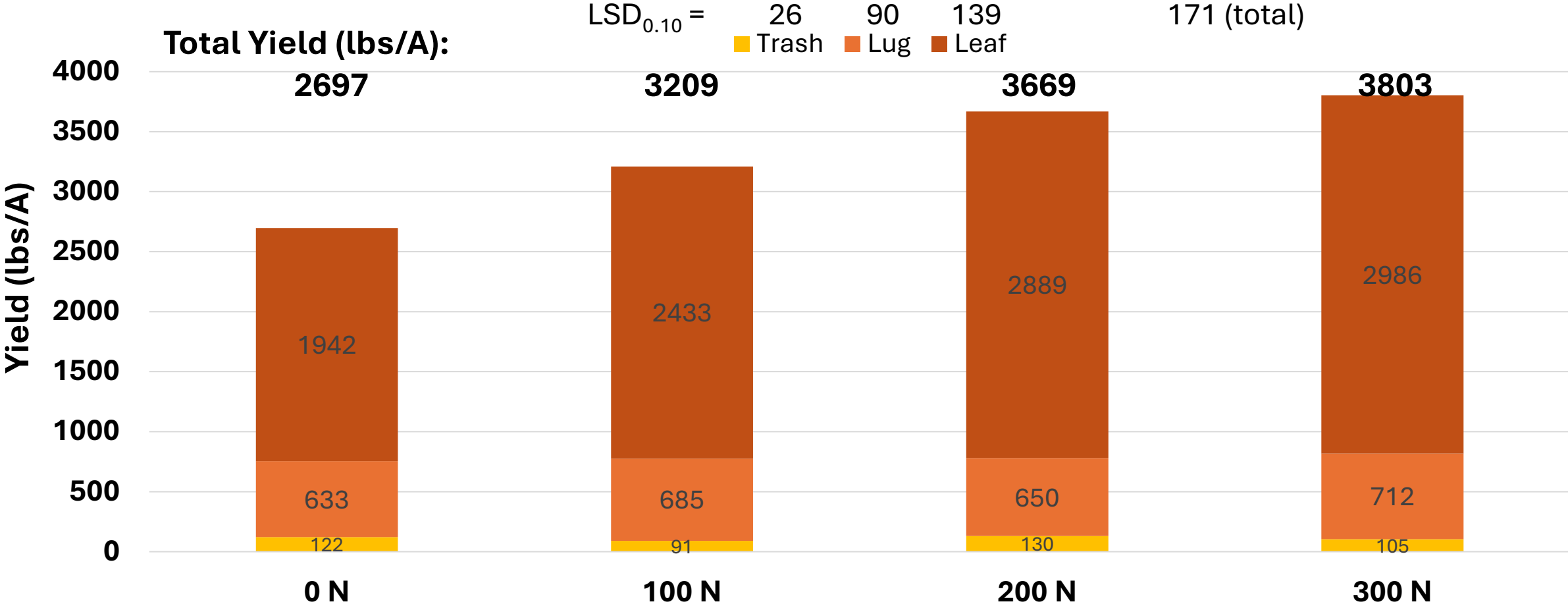
LSD_{0.10} = 26 90 139 171 (total)
Trash Lug Leaf



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Main Effect of Nitrogen Rate (p=0.0001 for Total)



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LSD_{0.10} = 15.7
■ Quality Grade Index

