

Nitamin 30L Foliar Nitrogen Trial for Dark Tobacco 2008 – UKREC, Princeton, KY

- Objective: compare dark tobacco yield performance from foliar Nitamin 30L compared to standard ammonium nitrate and foliar applications.
- Preplant urea broadcast and incorporated on May 19
- PD 7302LC dark tobacco transplanted June 2 (4900 plants/A)
- Sidedress ammonium nitrate applied July 3 (layby)
- Foliar applications began July 8 and were applied every 7 to 14 days until all applications were made.
- Tobacco harvested September 22, fire-cured.

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Trt	Fertilizer Treatment	Preplant Urea (lbs N/A)	Total N (lbs/A)	Sidedress 34-0-0	Foliar N (lbs N/A)	# of foliar Nitamin applications
1	Nitamin 30L	150	160	0	10	3
2	Nitamin 30L	150	170	0	20	3
3	Nitamin 30L	150	180	0	30	4
4	Nitamin 30L	150	190	0	40	5
5	Nitamin 30L	150	200	0	50	6
6	Ammon. Nit	150	160	10	0	0
7	Ammon. Nit.	150	200	50	0	0
8	Amm. Nit. + Local foliar*	150	258	100	8	8

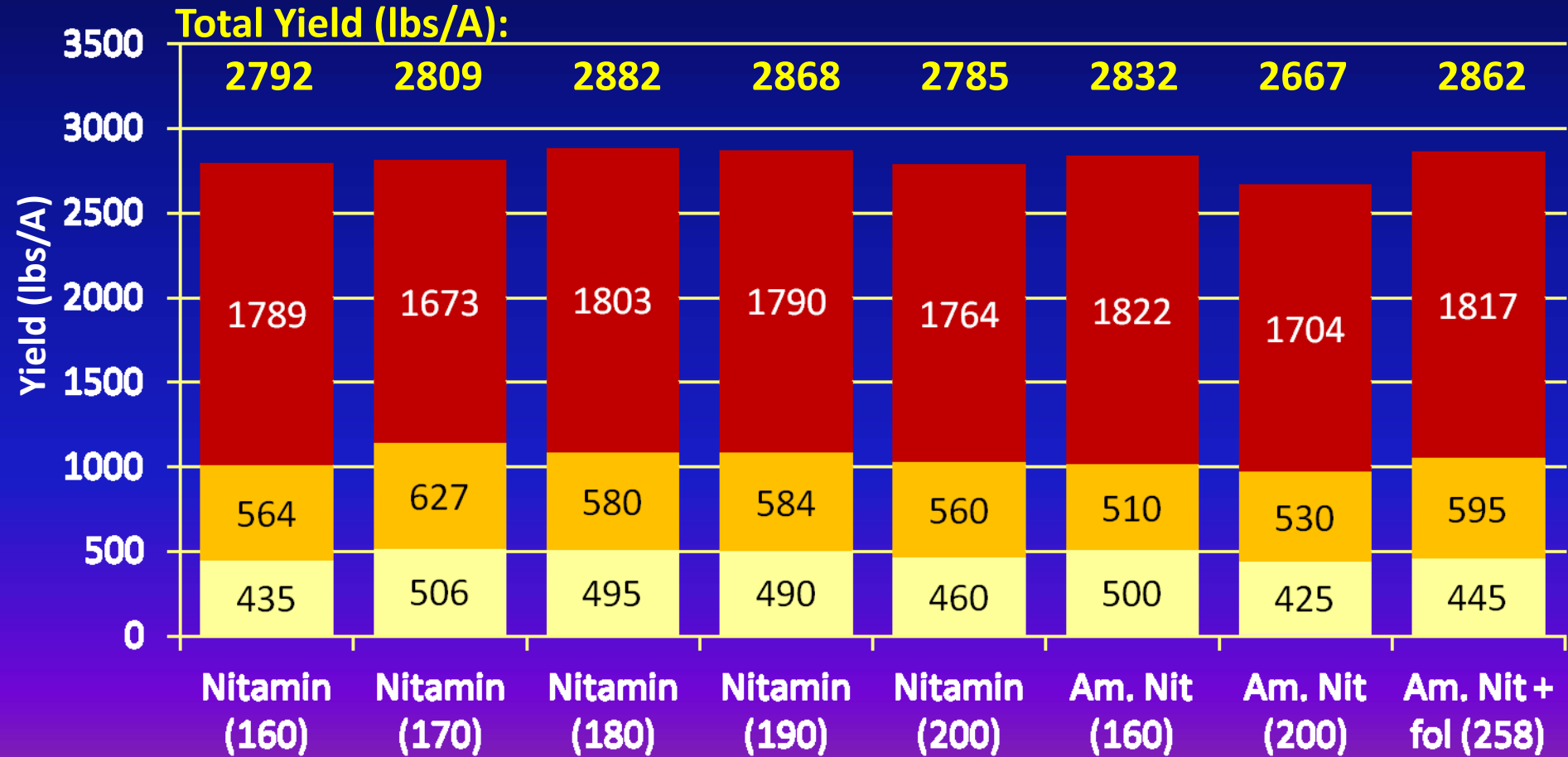
*Local foliar was Miller's 20-20-20.

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Yield Data

LSD_{0.05} = 13 103 167 227 333 (total)

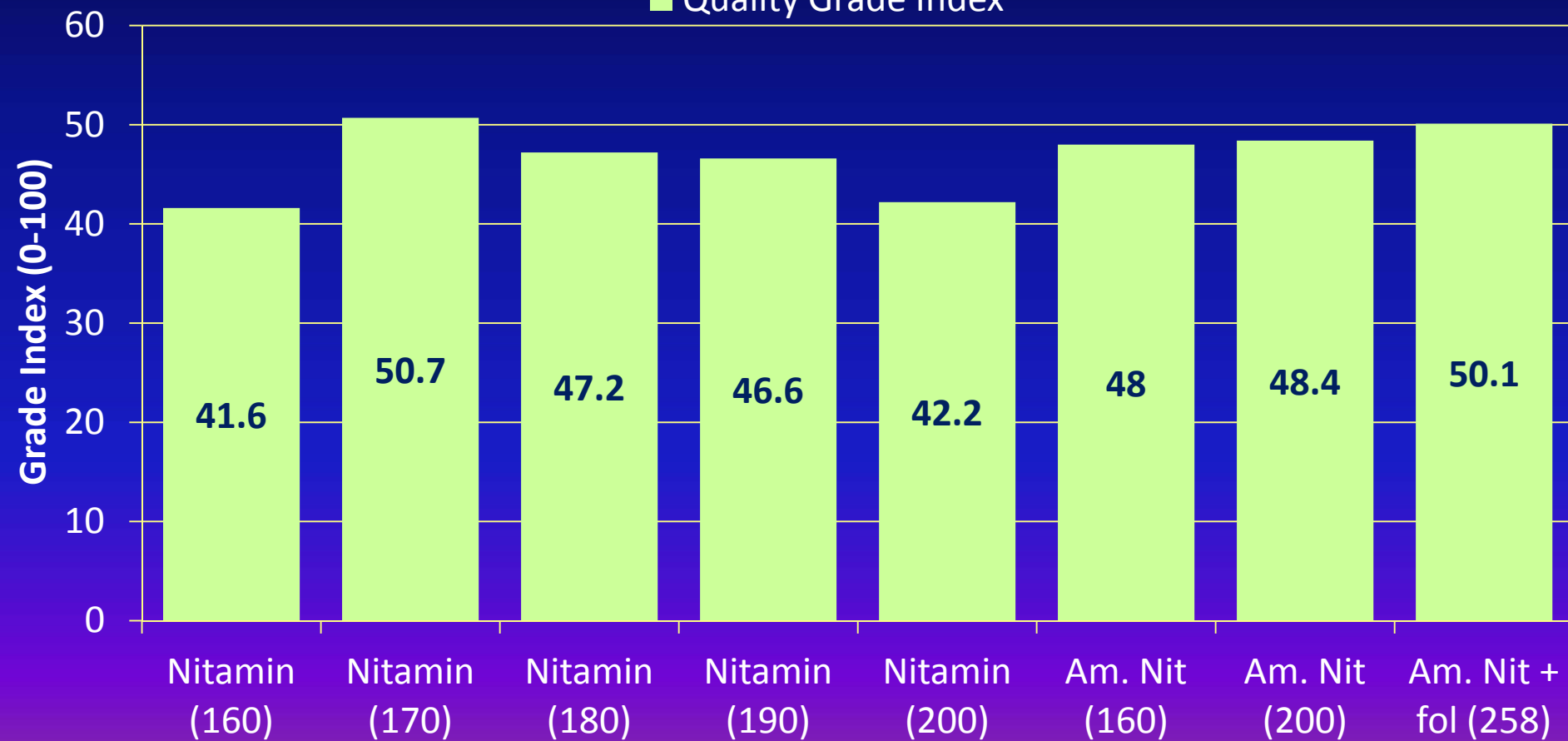
■ Trash ■ Lug ■ Second ■ Leaf



*Treatments indicate in-season fertilizer treatment and (total N per acre including urea).

Nitamin 30L Foliar Nitrogen Trial for Dark Tobacco 2008 – UKREC, Princeton, KY Quality Grade Index Data

LSD_{0.05} = 25.3
■ Quality Grade Index



*Treatments indicate in-season fertilizer treatment and (total N per acre including urea).