

# Dark Tobacco Planting Dimensions

- Most common: 40" row spacing, 30" plant spacing



Madole



VA 359

- Do newer, more upright varieties respond differently to plant spacing?
- 'Narrowleaf Madole' vs. 'VA 359'
- 40" row spacing; 24", 28", 32", or 36" plant spacing.

# Dark Tobacco Hill Spacing Study

## Hopkins Co. – Norris Slaton Farm - 2003

- Tobacco set: June 1, 2003      Row Spacing: 39”
- Soil Test (5-7-03): pH=7.0, P=71, K=125
- Fertility: 266 lb N/A, 228 lb P/A, 348 lb K/A
- Weed Control: Spartan (5 oz/A) + Command (1 pt/A)
- Insect Control: Admire TD, Orthene as-needed
- Sucker Control: Off-Shoot-T and MH-30
- Tobacco Cut: September 12, 2003

- 4 replications of treatments

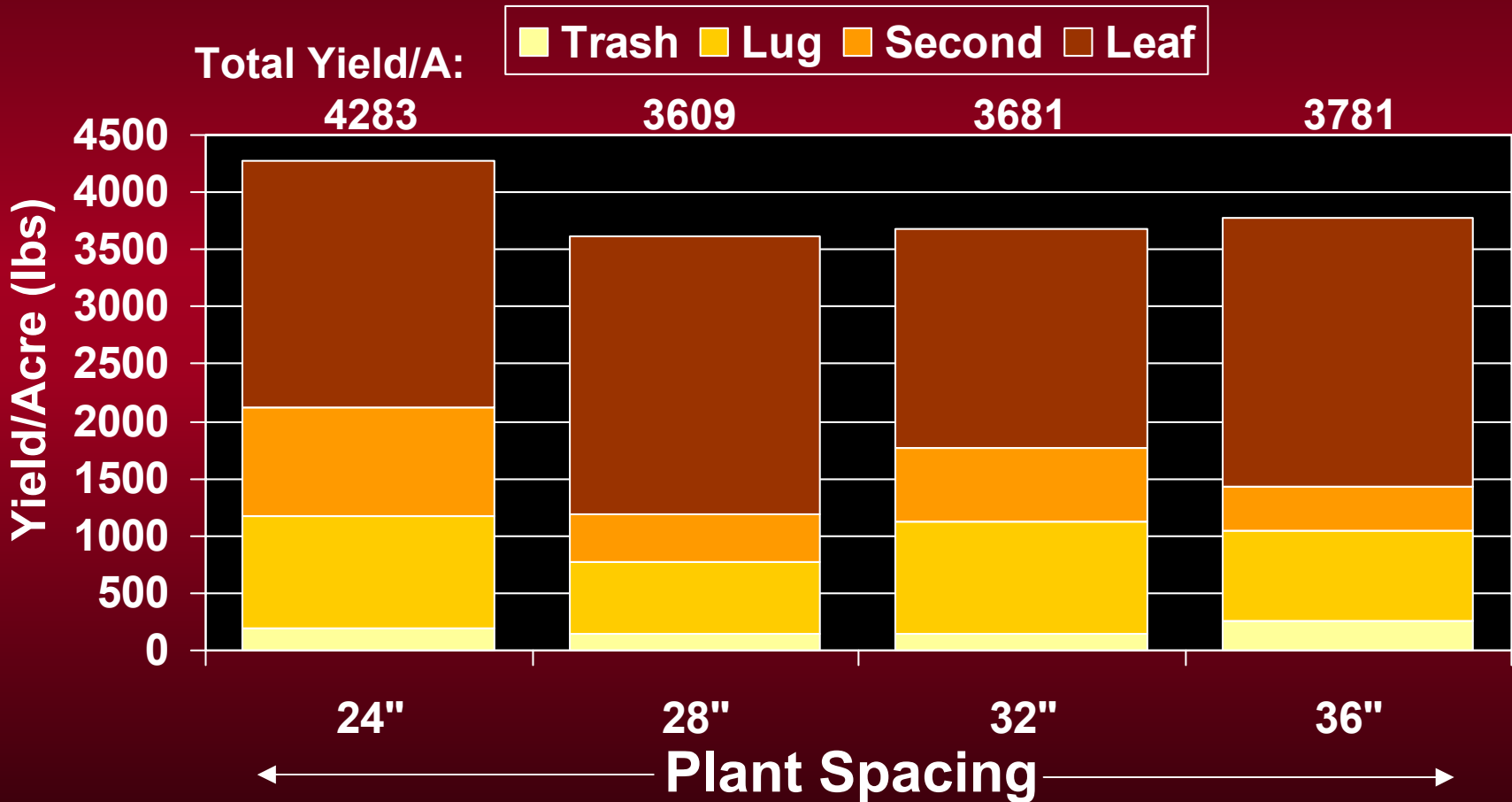
### Plant Populations:

<u>Spacing</u>	<u>Plants/Acre</u>
24”	6702
28”	5744
32”	5026
36”	4468

# Dark Tobacco Hill Spacing Study

## Hopkins Co. – Norris Slaton Farm - 2003

**VA 359**

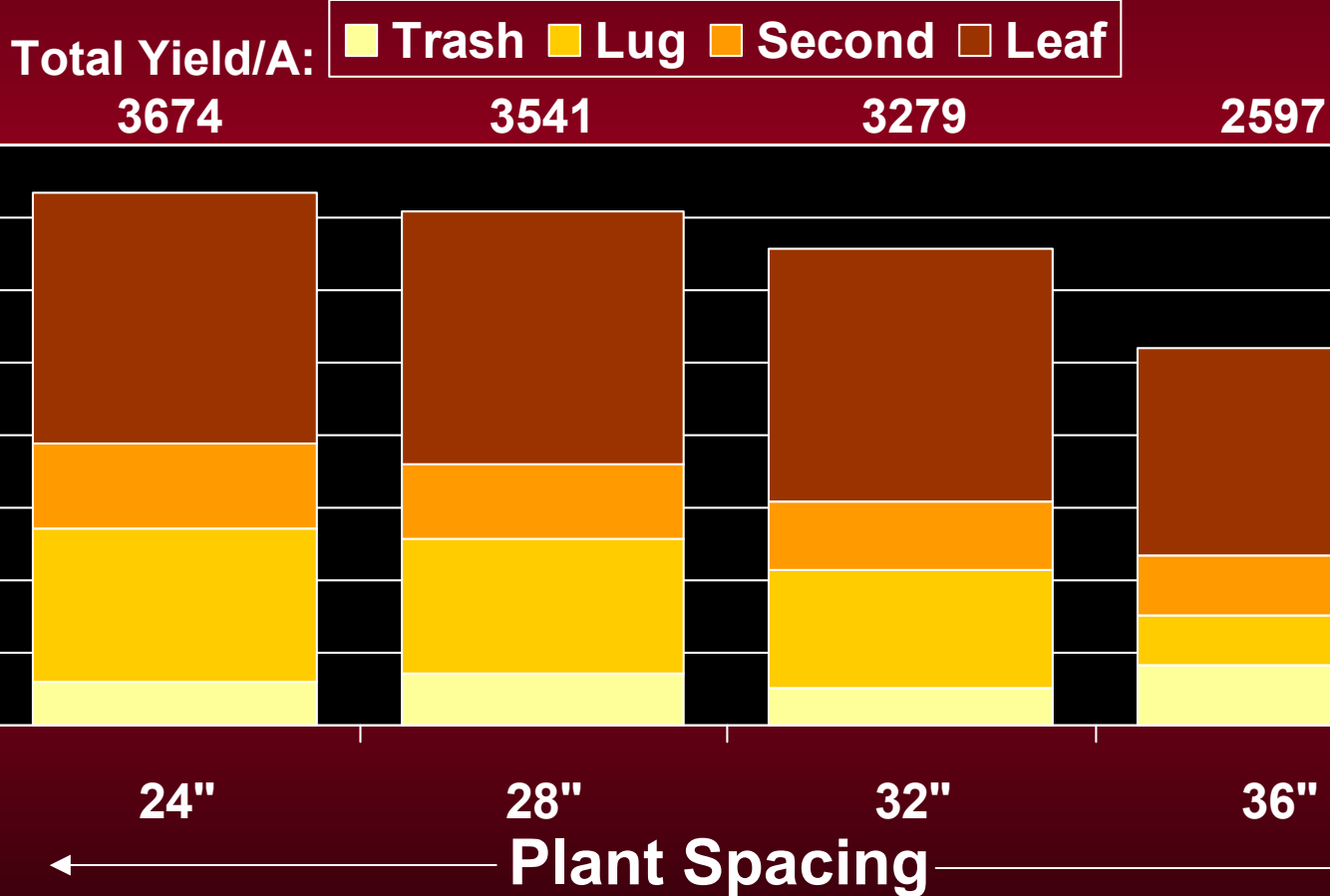


\*Data not analyzed due to combining of replications at stripping.

# Dark Tobacco Hill Spacing Study

## Hopkins Co. – Norris Slaton Farm - 2003

### Narrowleaf Madole

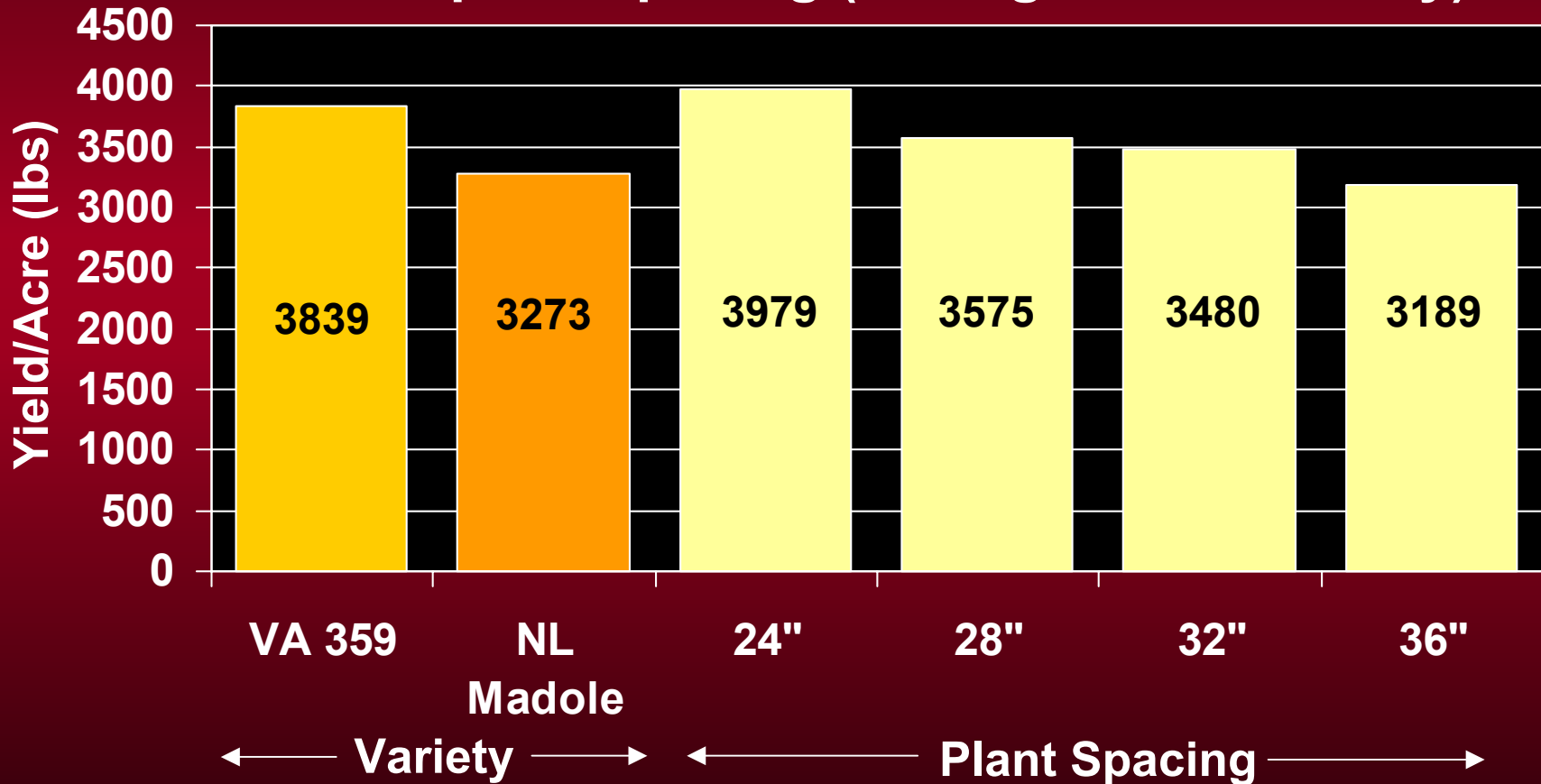


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# Dark Tobacco Hill Spacing Study

## Hopkins Co. – Norris Slaton Farm - 2003

Effect of variety (averaged over plant spacings)  
Effect of plant spacing (averaged over variety)



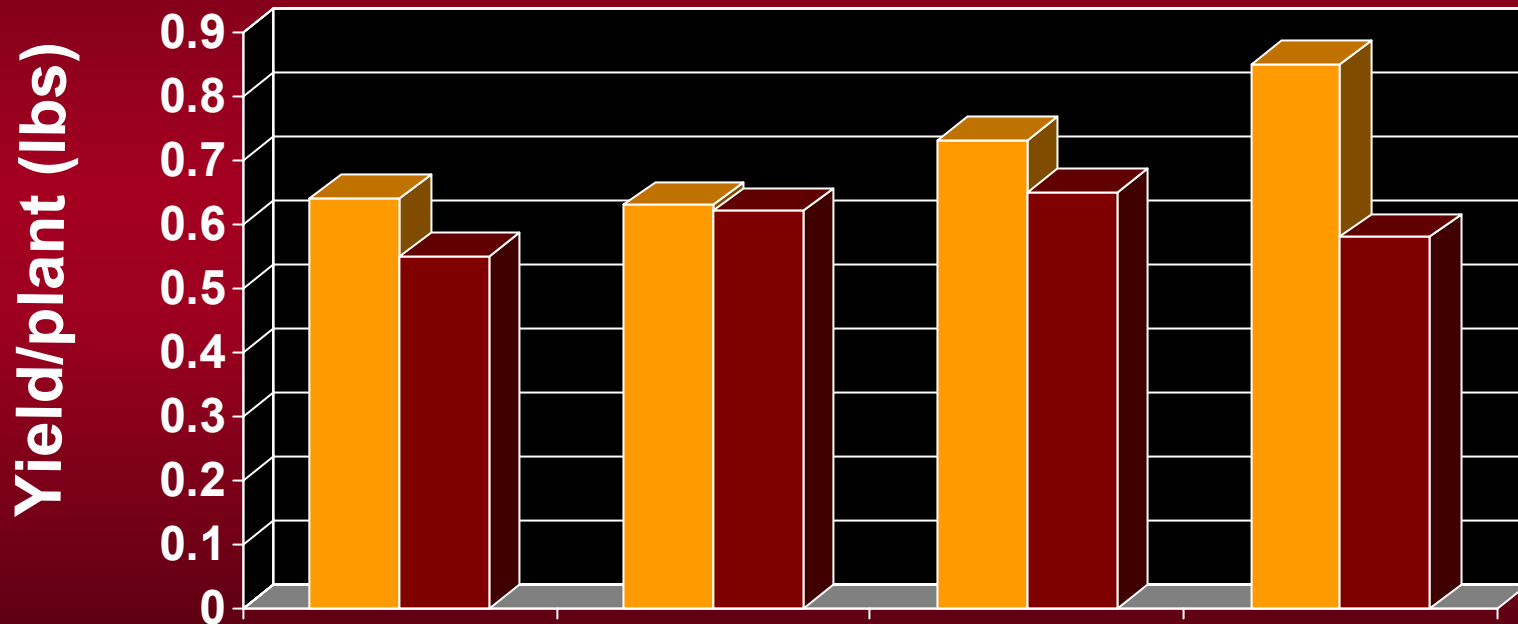
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# Dark Tobacco Hill Spacing Study

## Hopkins Co. – Norris Slaton Farm - 2003

### Total Yield / Plant

■ VA 359 ■ NL Madole



Plant Spacing: 24"

28"

32"

36"

Plants/Acre: 6702

5744

5026

4468

\*Data not analyzed due to combining of replications at stripping.