

Dark Tobacco Hill Spacing Study

McLean Co. – Kelly Baird Farm - 2003



- Varieties: KY 171 vs. VA 359
- Plant Spacing: 33", 37", 42", or 48"
- Row Spacing: 40"
- 4 replications of treatments
- Tobacco set: May 31, 2003
- Topped: August 1, 2003
- Cut: September 9, 2003

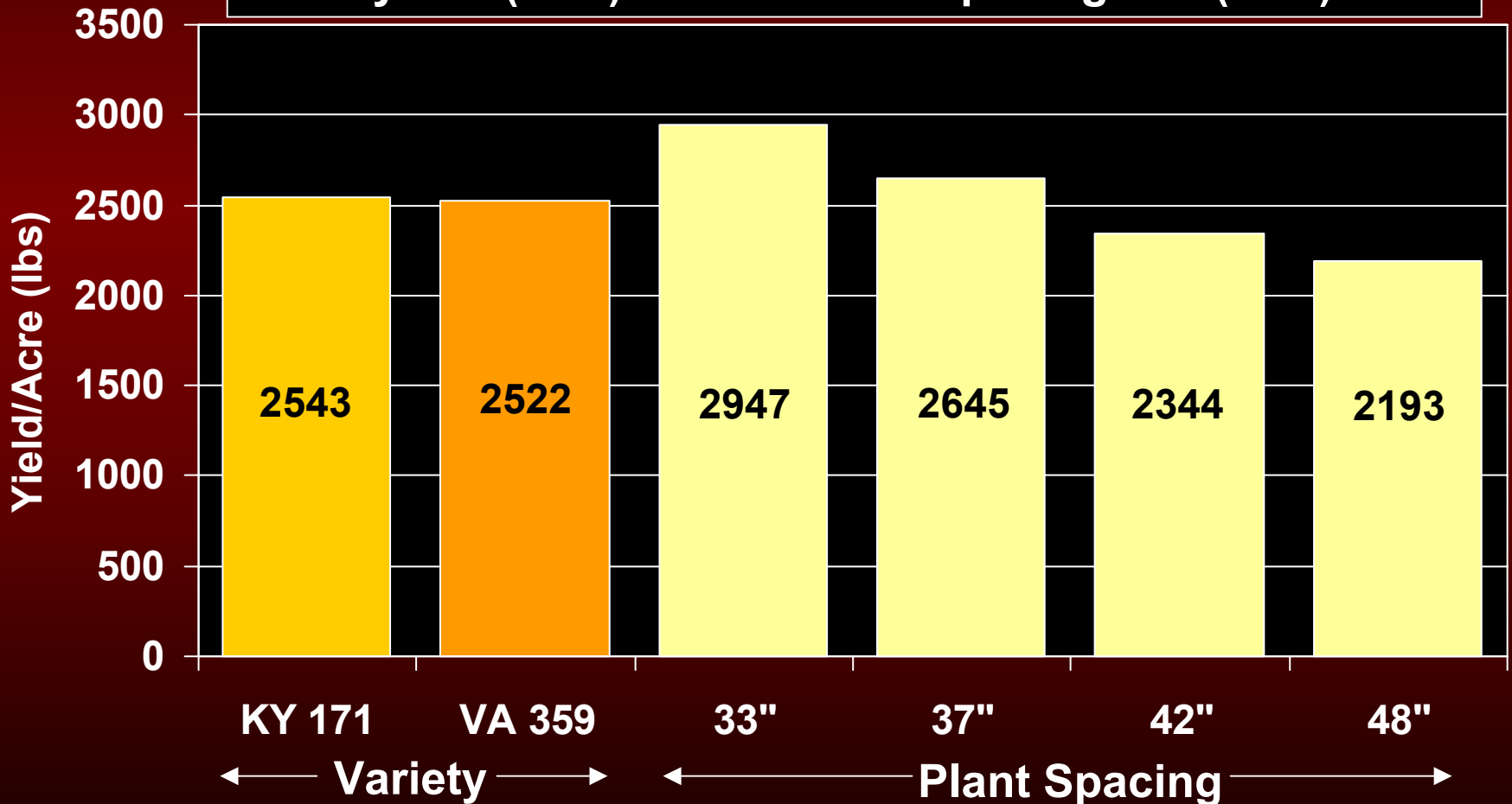
Plant Populations:	
Spacing	Plants/Acre
33"	4752
37"	4238
42"	3734
48"	3267

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

Variety LSD(0.05) = 162 Plant Spacing LSD(0.05) = 230



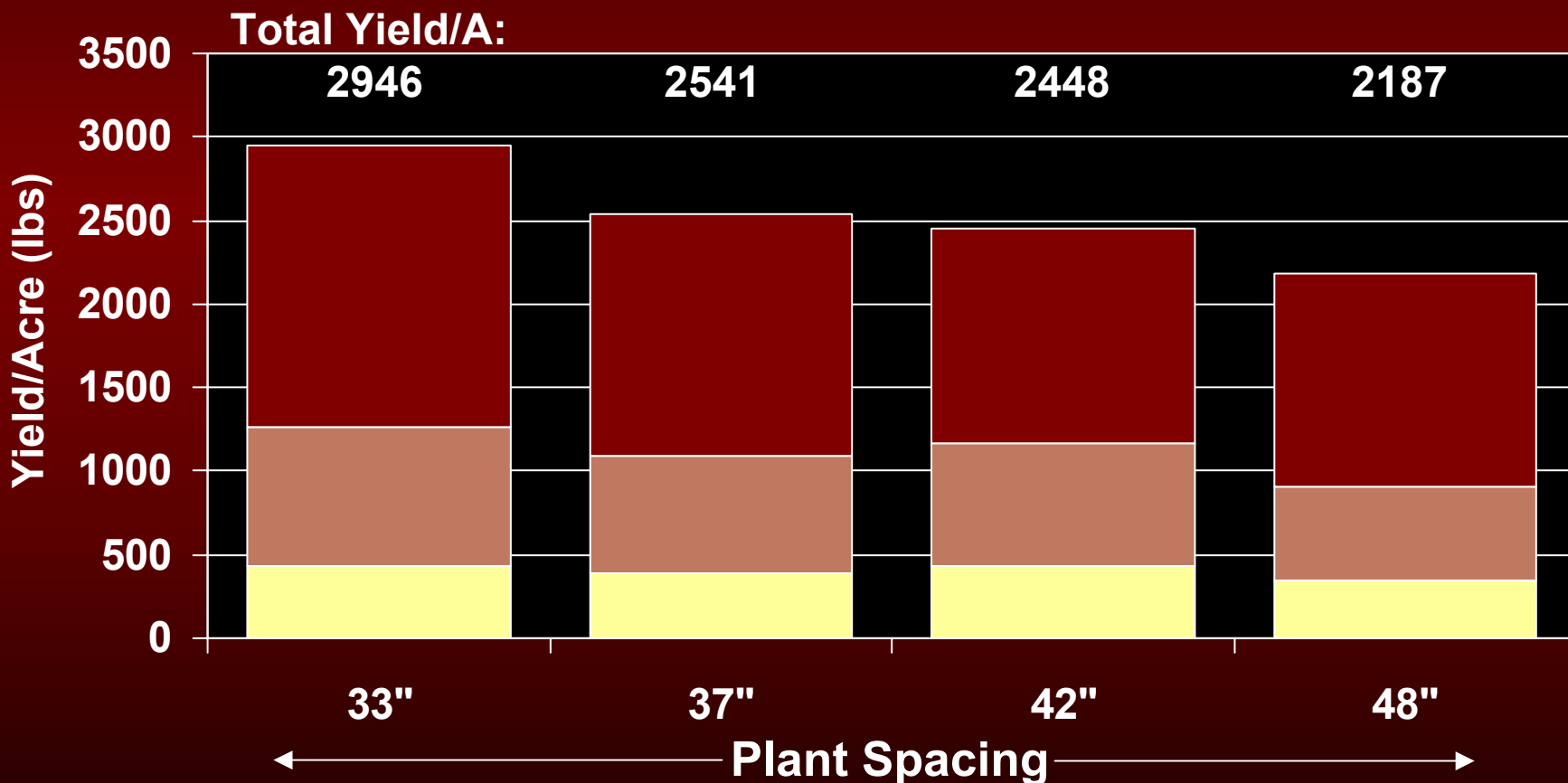
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VA 359

LSD (0.05) = 85 223 275 396 (total)

■ Trash ■ Lug ■ Leaf



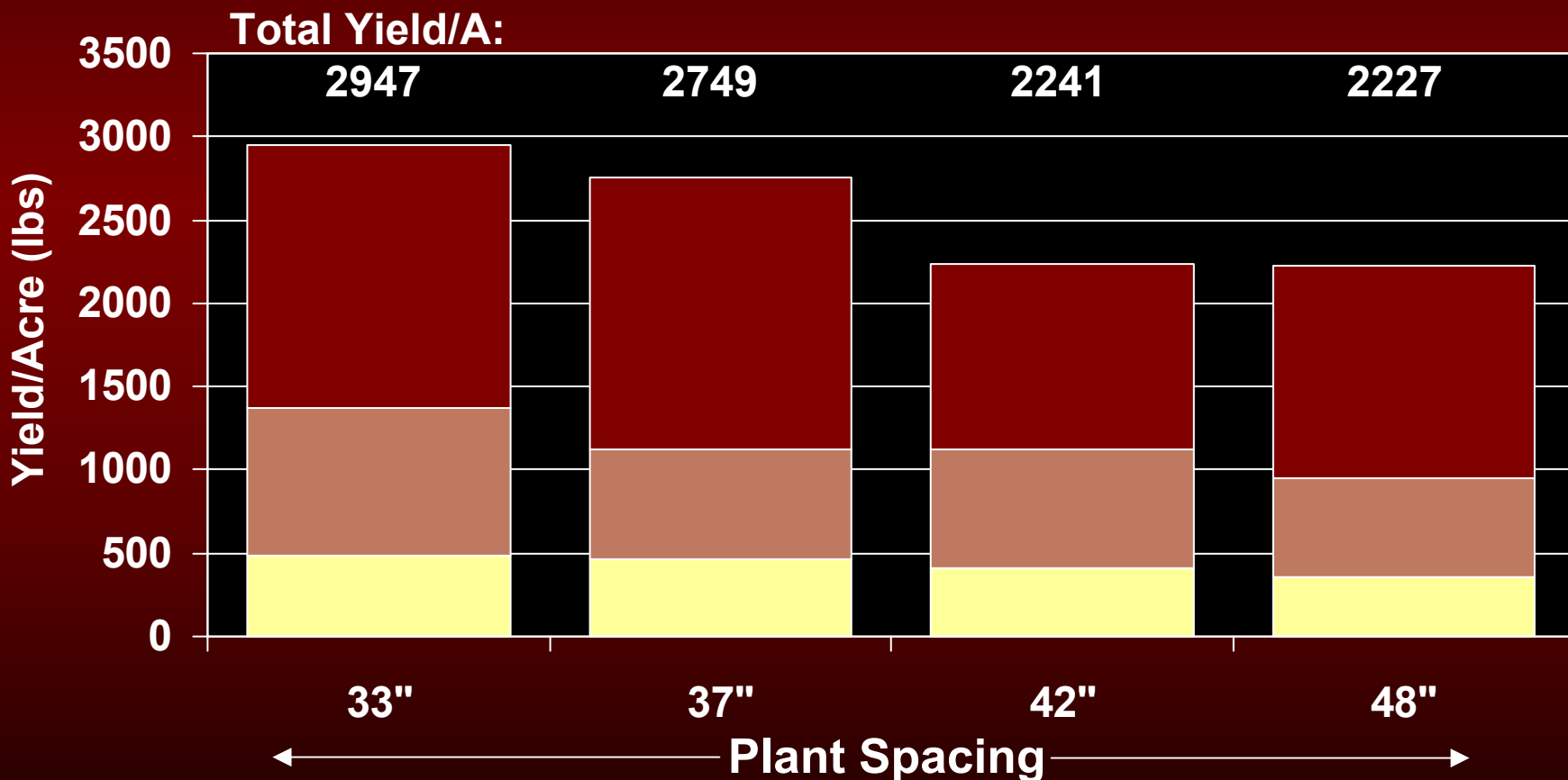
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KY 171

LSD (0.05) = 139 255 176 251 (total)

■ Trash ■ Lug ■ Leaf



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Yield per Plant

Variety averaged over plant spacing; Plant Spacing averaged over variety

LSD(0.05) for spacing = 0.0174 0.0356 0.0473 0.0564 (total)

