

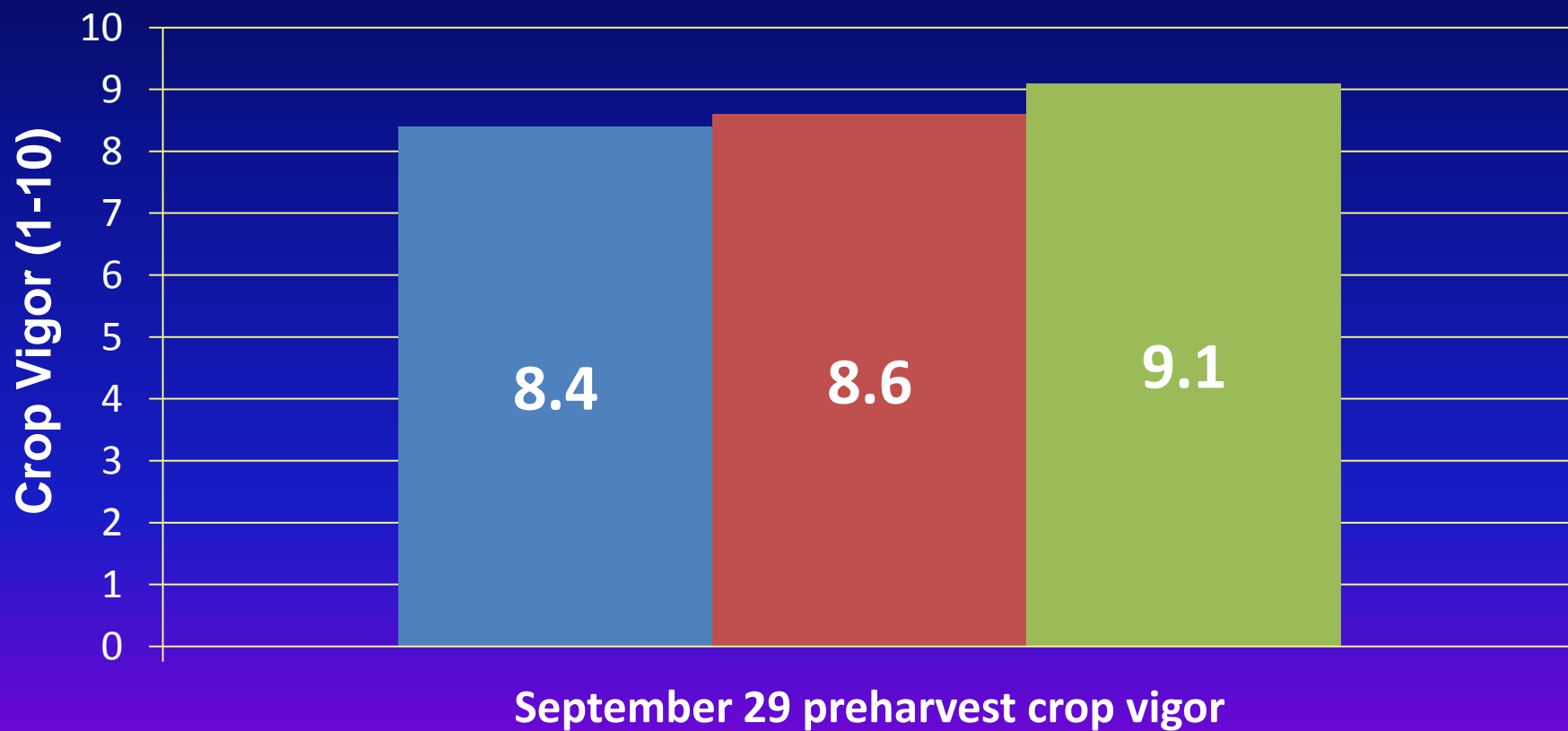
Response of Dark Tobacco to Foliar Calcium Supplements

2009 – MSU West Farm, Murray, KY

- VA 309 set June 10
- 4900 plants/A
 - 40" row spacing
 - 32" plant spacing
- Foliar Ca applied 4 times:
 - July 7, July 24, August 4, August 25
 - 15 gal/A spray volume on 1st 2 app.
 - 30 gal/A spray volume on last 2 app.
- Harvested September 30
 - Fire-cured
- Treatments:
 - 1) Untreated check (no Ca)
 - 2) Calcium chelate (1 lb/A)
 - 3) Helena Ca supplement (1 qt/A)
- Randomized complete block with 4 replications per treatment
- Plots 4 rows, 40 ft. long

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■ Untreated ■ Ca Chelate ■ Helena Ca



*Crop vigor on 1-10 scale with 10=best; No visual differences in size of secondary veins between treatments (data not shown)
No statistical differences in any visual observation.

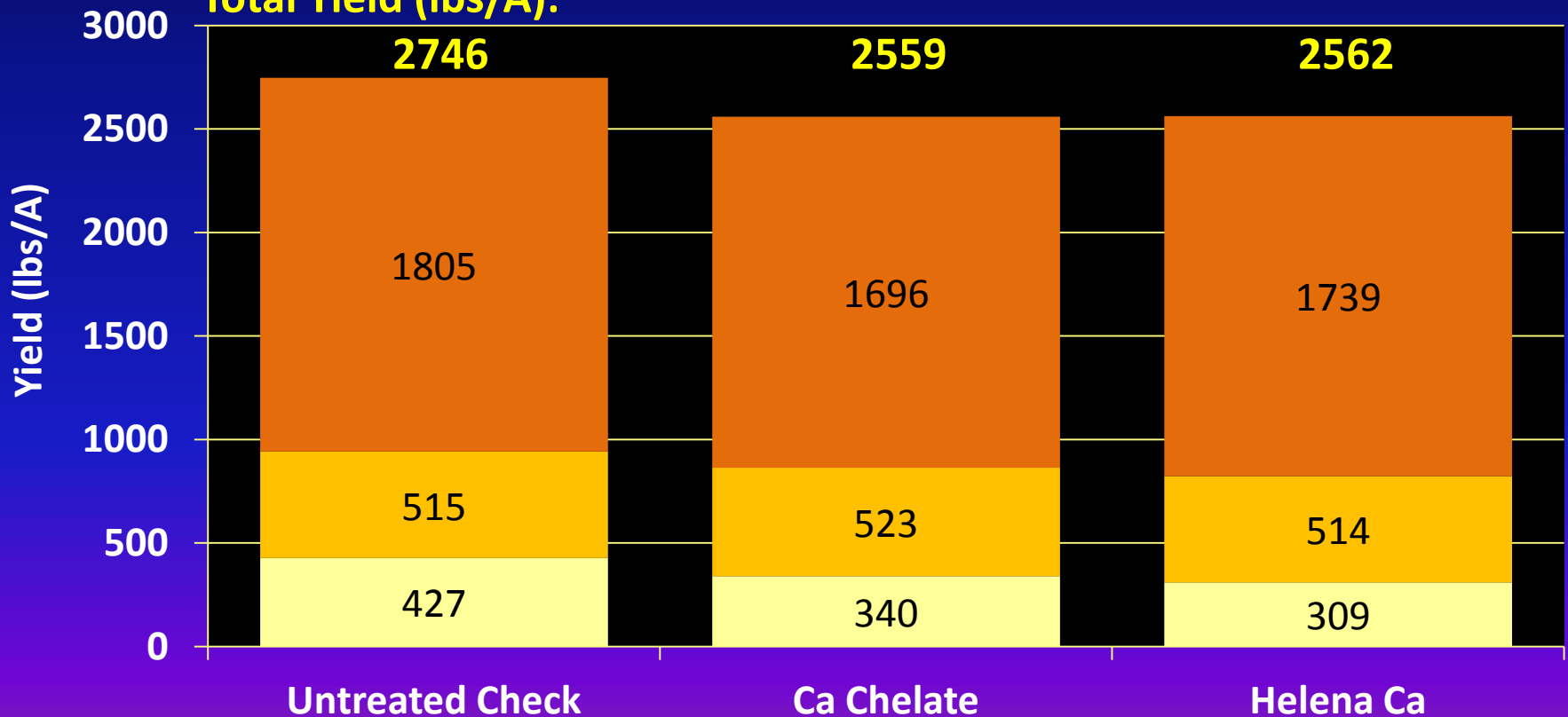
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2009 – MSU West Farm, Murray, KY - Yield

LSD_{0.05} = 225 95 505 575 (total)

■ Lug ■ Second ■ Leaf

Total Yield (lbs/A):



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2009 – MSU West Farm, Murray, KY – Quality Grade Index

