

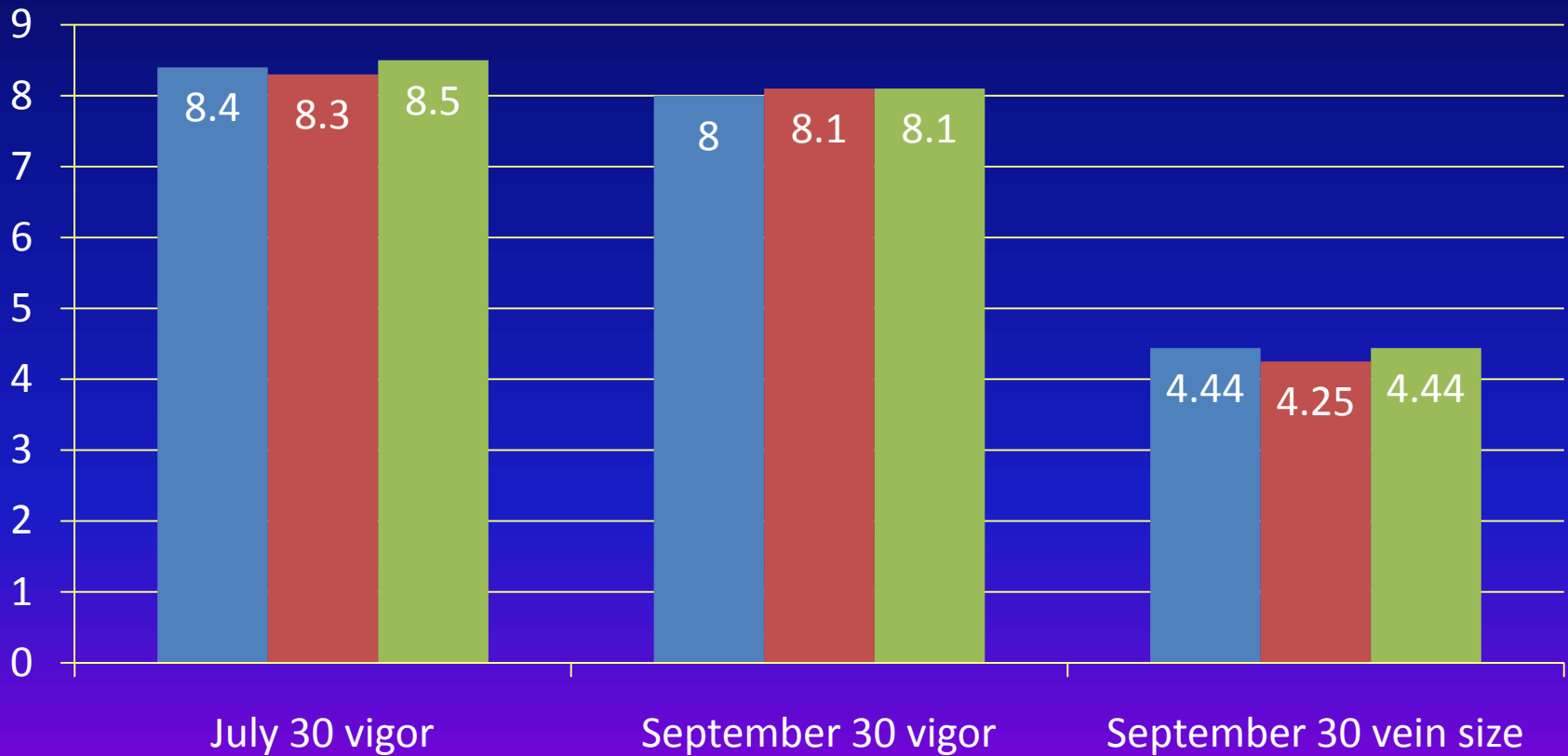
Response of Dark Tobacco to Foliar Calcium Supplements

2008 – MSU, Murray, KY

- PD 7302LC set June 10
- 4900 plants/A
 - 40" row spacing
 - 32" plant spacing
- Foliar Ca applied 4 times:
 - July 8, July 24, August 8, August 27
 - 15 gal/A spray volume
- 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

Response of Dark Tobacco to Foliar Calcium Supplements 2008 – MSU, Murray, KY

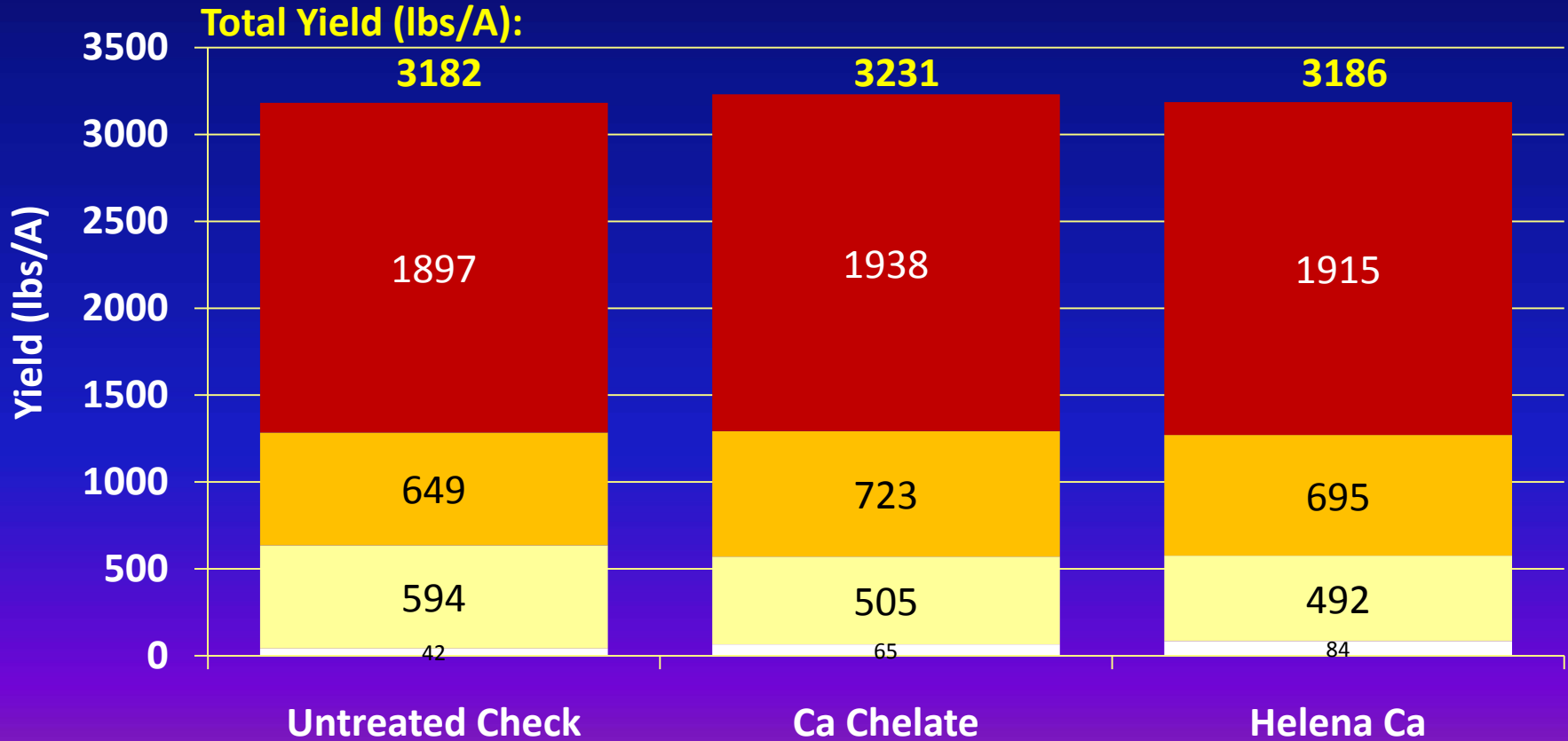
■ Untreated ■ Ca Chelate ■ Helena Ca



*Crop vigor on 1-10 scale with 10=best; vein (midrib) size on 1-5 scale with 1=smallest, 5=largest.
No statistical differences in any visual observation.

Response of Dark Tobacco to Foliar Calcium Supplements 2008 – MSU, Murray, KY - Yield

LSD_{0.05} = 46 103 39 371 387 (total)
 Trash
 Lug
 Second
 Leaf



Response of Dark Tobacco to Foliar Calcium Supplements

2008 – MSU, Murray, KY – Quality Grade Index

$LSD_{0.05} = 11$
■ Grade Index

