

2009 Dark Air-Cured Variety Trials

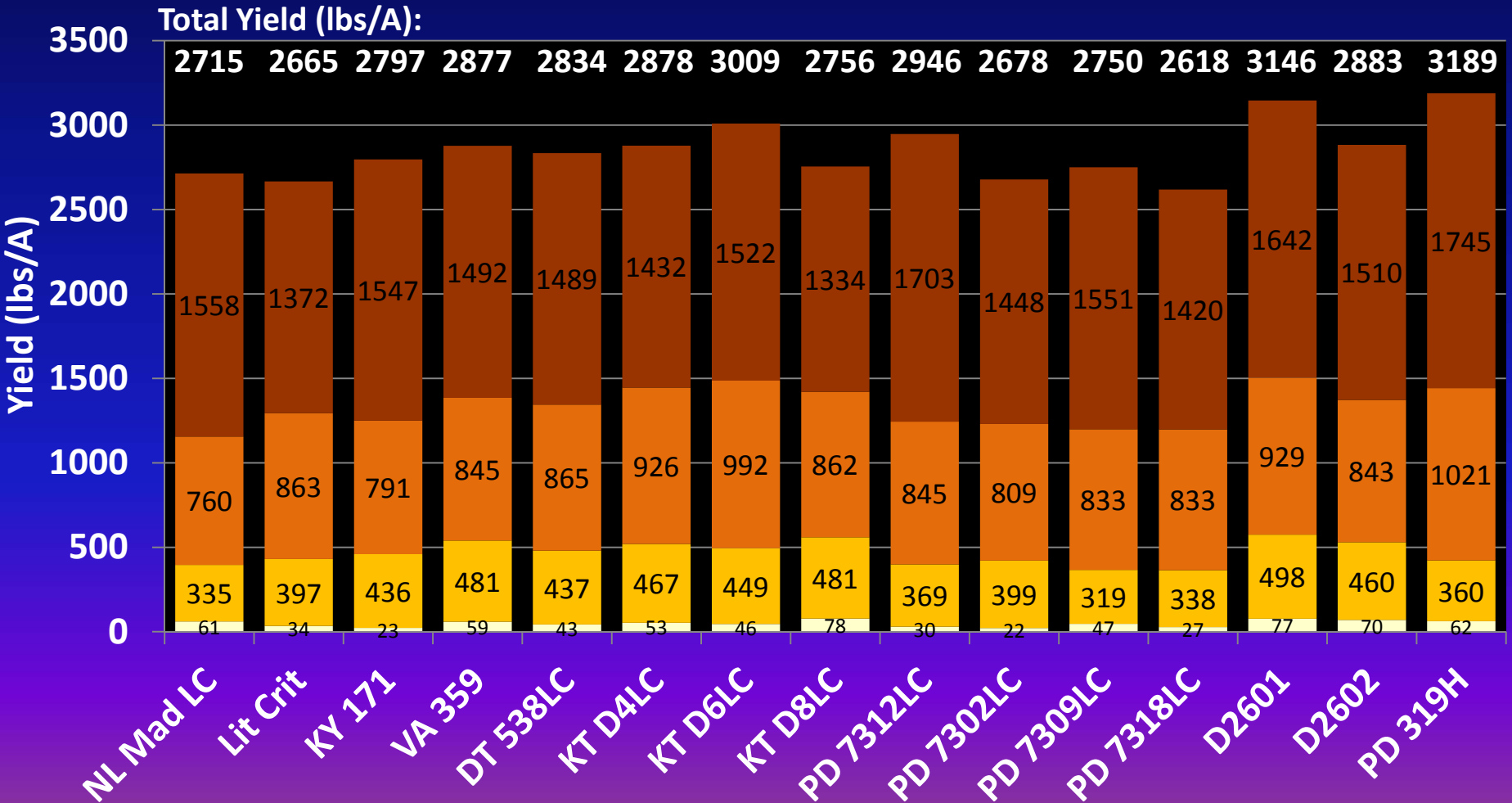
UKREC, Princeton, KY

- Trial set May 21
- 4900 plants/A
 - 40" row spacing
 - 32" plant spacing
- Randomized complete block with 4 replications
- Harvested September 16
- Cured in cable hoist barn
- 15 varieties tested:
 - Narrowleaf Madole LC
 - Little Crittenden
 - KY 171
 - VA 359
 - DT 538LC
 - KT D4LC
 - KT D6LC
 - KT D8LC
 - PD 7312LC
 - PD 7302LC
 - PD 7309LC
 - PD 7318LC
 - D2601 (experimental)
 - D2602 (experimental)
 - PD 319H (experimental)

2009 Dark Air-Cured Variety Trials UKREC, Princeton, KY Yield Data

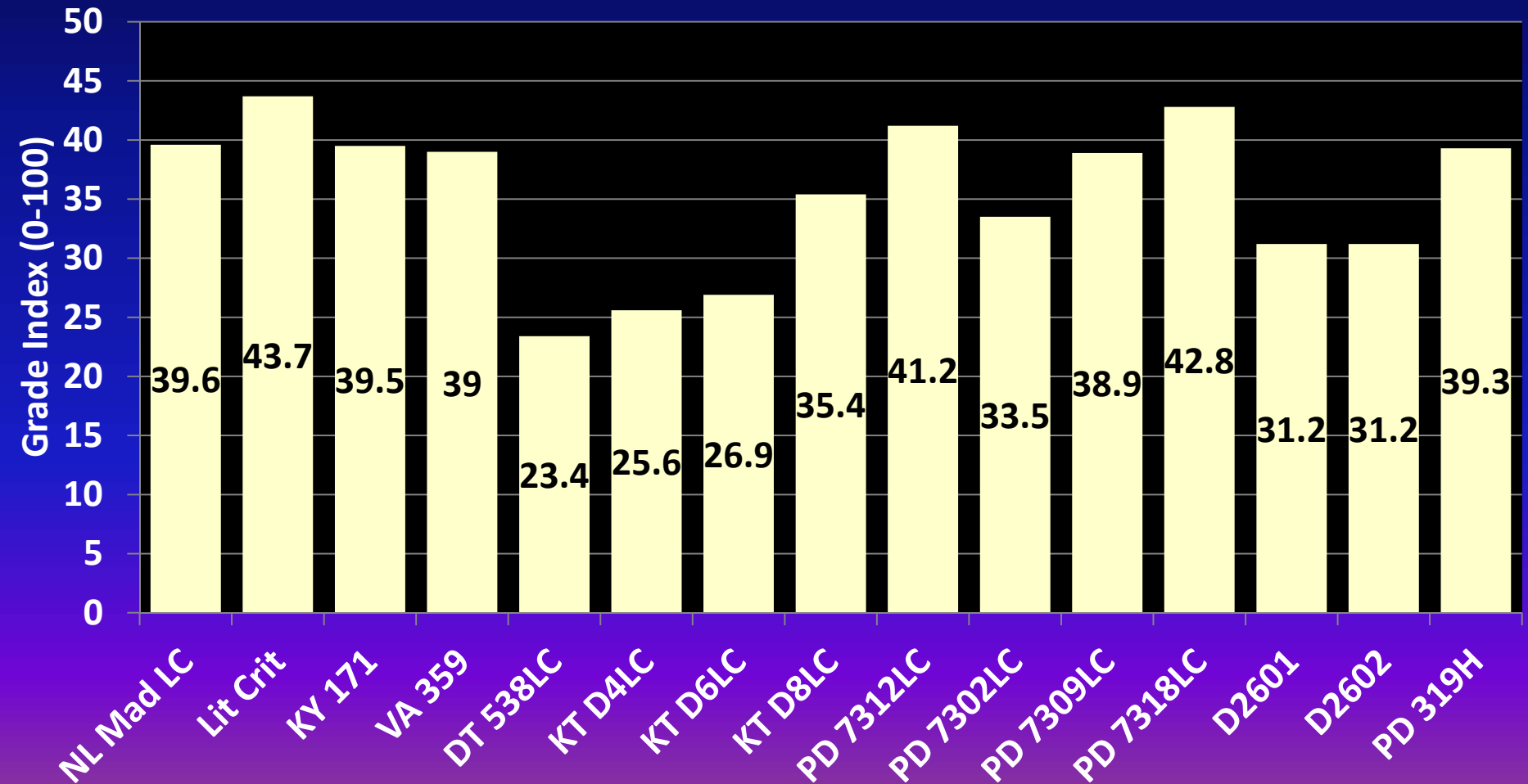
LSD_{0.05} = 38 88 181 326 433 (total)

■ Trash ■ Lug ■ Second ■ Leaf



2009 Dark Air-Cured Variety Trials UKREC, Princeton, KY Grade Data

LSD_{0.05} = 11.3
■ Grade Index



2009 Dark Air-Cured Variety Trials UKREC, Princeton, KY Data Summary

- Average total yield across all varieties was 2849 lbs/A
- Highest total yield was from experimental PD 319H (3189 lbs/A)
 - Other varieties yielding >3000 lbs/A were experimental D2601 and KT D6LC
- Some yield differences associated with wet conditions and lodging
 - More lodging seen with KT D4 and KT D8
- Fair to good overall air-cured quality in the wet curing season of 2009
- Differences in quality grade index:
 - Highest overall quality from Little Crittenden (43.7)
 - Others with grade index >40 included PD 7318LC and PD 7312LC
 - Lowest overall quality (<20) was from DT 538LC, KT D4LC, and KT D6LC