

2009 Dark Fire-Cured Variety Trials

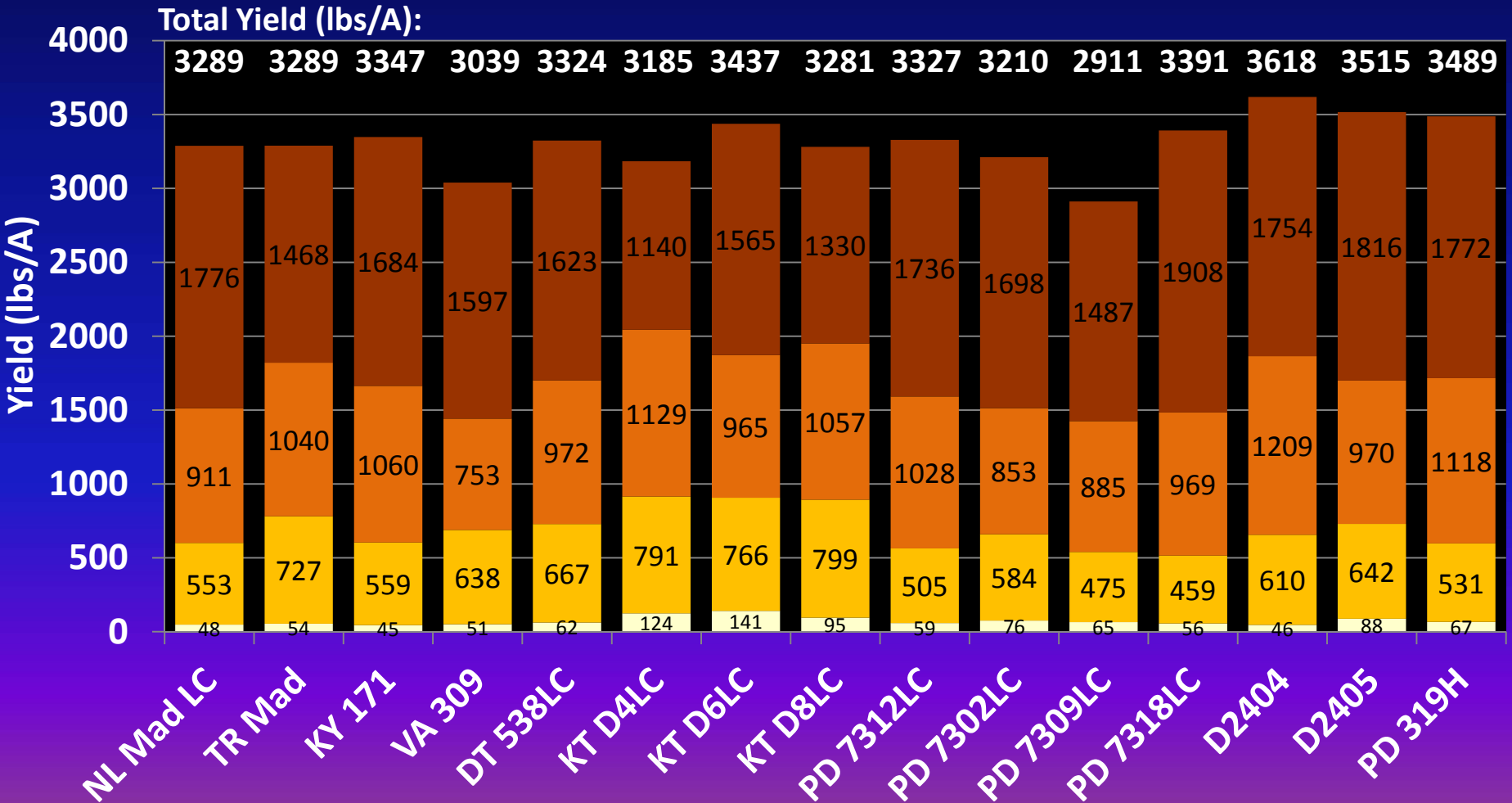
UKREC, Princeton, KY

- Trial set May 21
- 4900 plants/A
 - 40" row spacing
 - 32" plant spacing
- Randomized complete block with 4 replications
- Harvested September 18
- Fire-cured in cable hoist barn
 - 4 firings
- 15 varieties tested:
 - Narrowleaf Madole LC
 - TR Madole
 - KY 171
 - VA 309
 - DT 538LC
 - KT D4LC
 - KT D6LC
 - KT D8LC
 - PD 7312LC
 - PD 7302LC
 - PD 7309LC
 - PD 7318LC
 - D2404 (experimental)
 - D2405 (experimental)
 - PD 319H (experimental)

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

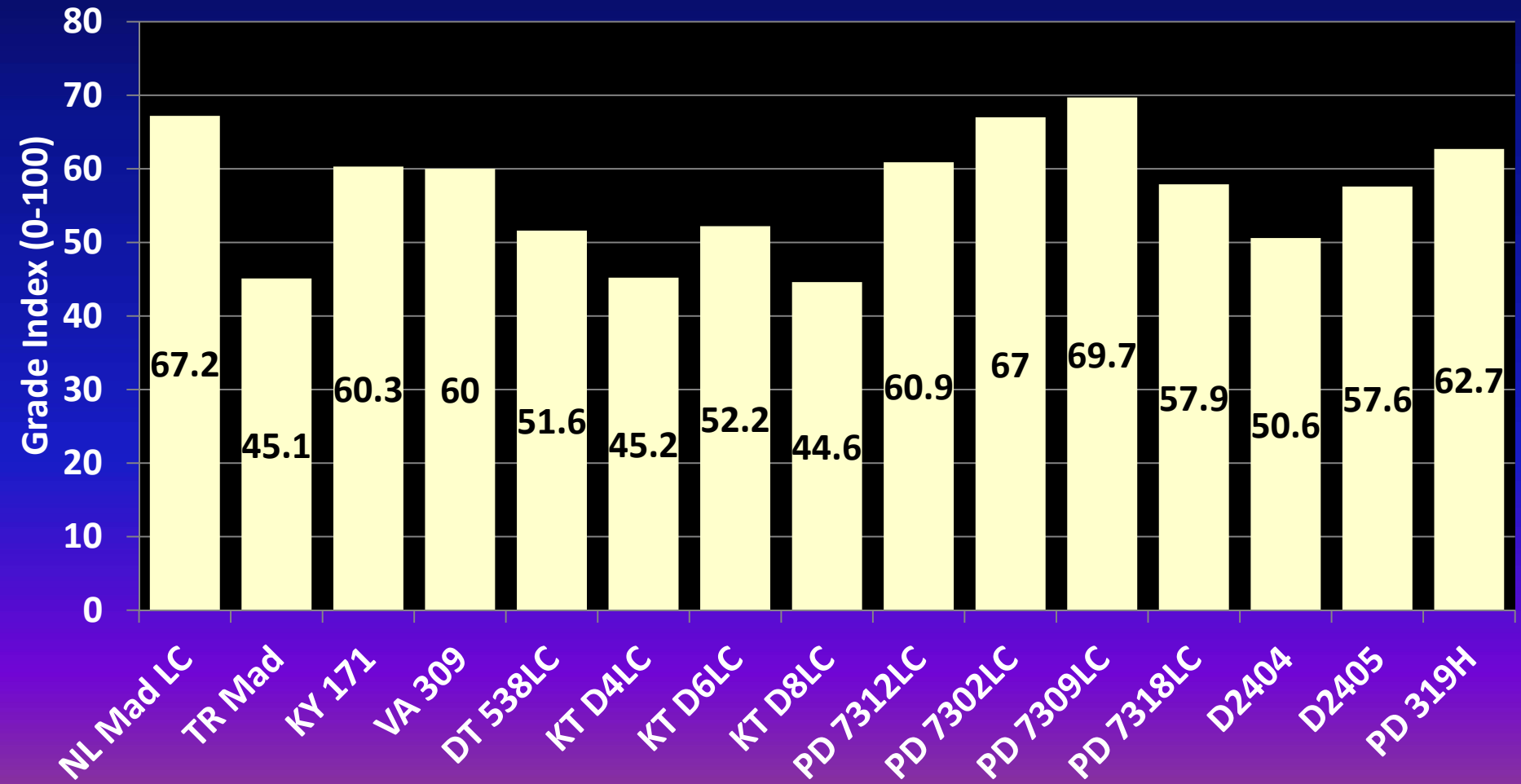
LSD_{0.05} = 46 165 232 345 349 (total)

■ Trash ■ Lug ■ Second ■ Leaf



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

LSD_{0.05} = 8.5
■ Grade Index



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

- Average total yield across all varieties was 3310 lbs/A
- Highest total yield was from experimental D2404 (3618 lb/A)
 - Other varieties yielding >3400 lbs/A were D2405, PD 319H, and KT D6
- Some yield differences associated with wet conditions and lodging
 - More lodging seen with KT D4 and KT D8
- Differences in quality grade index:
 - Highest overall quality from PD 7309 (69.7)
 - Others with grade index ≥ 60 included NL Mad, PD 7302, PD 319H, PD 7312, KY 171, and VA 309
 - Lowest overall quality (<50) was from KT D8, TR Mad, and KT D4