

2009 Dark Fire-Cured Commercial Variety Trial

MSU – Murray, KY

- Trial set June 10
 - 4900 plants/acre
 - 40” row spacing, 32” plant spacing
 - RCBD with 4 replications
 - Plots 2-rows, 40 ft. long
 - Topped early August
 - Harvested early October
 - Fire-cured using standard practices
- **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)

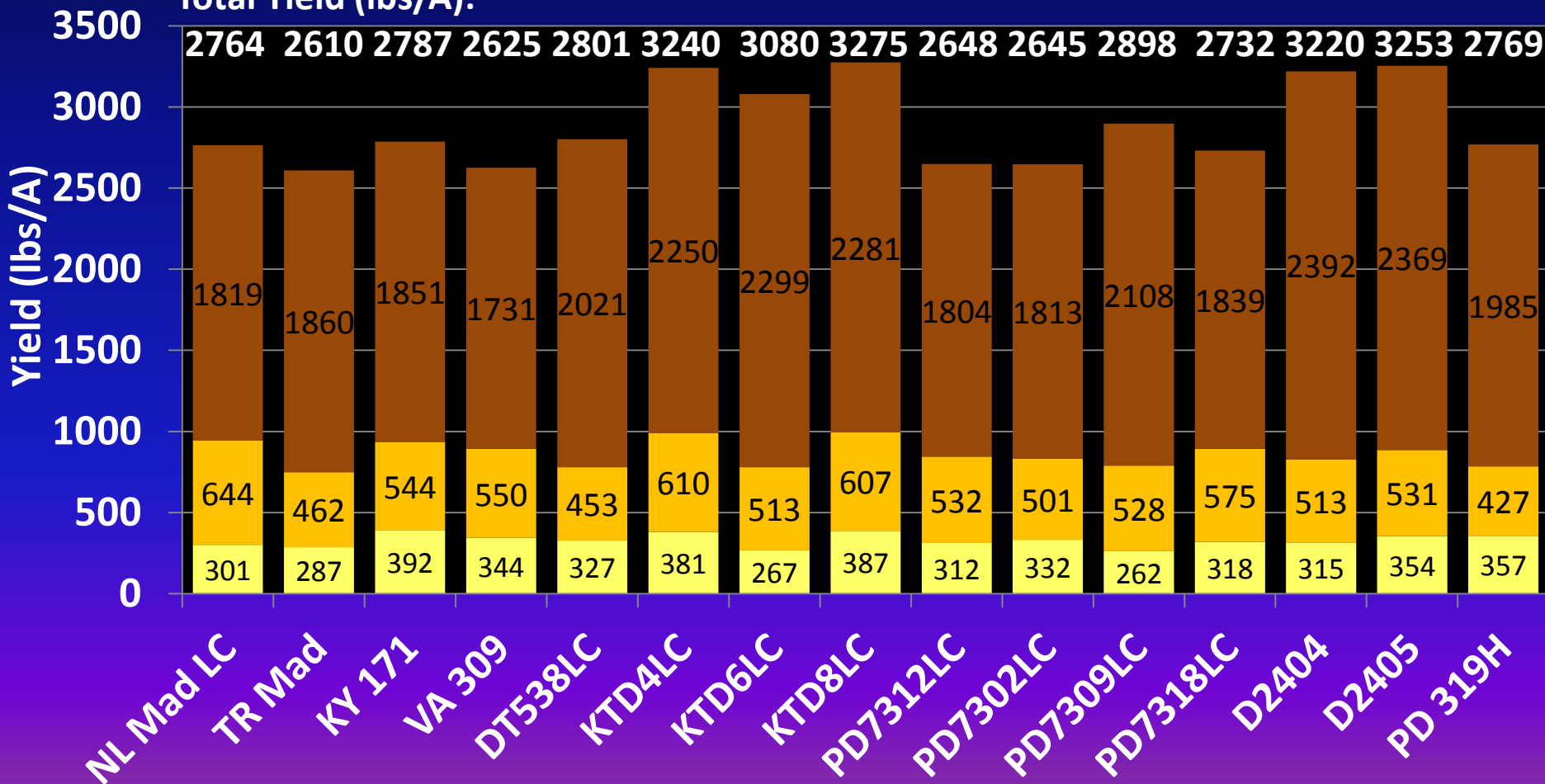
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MSU – Murray, KY – Yield Data

LSD_{0.05} = 83 149 248 237 (total)

■ Lug ■ Second ■ Leaf

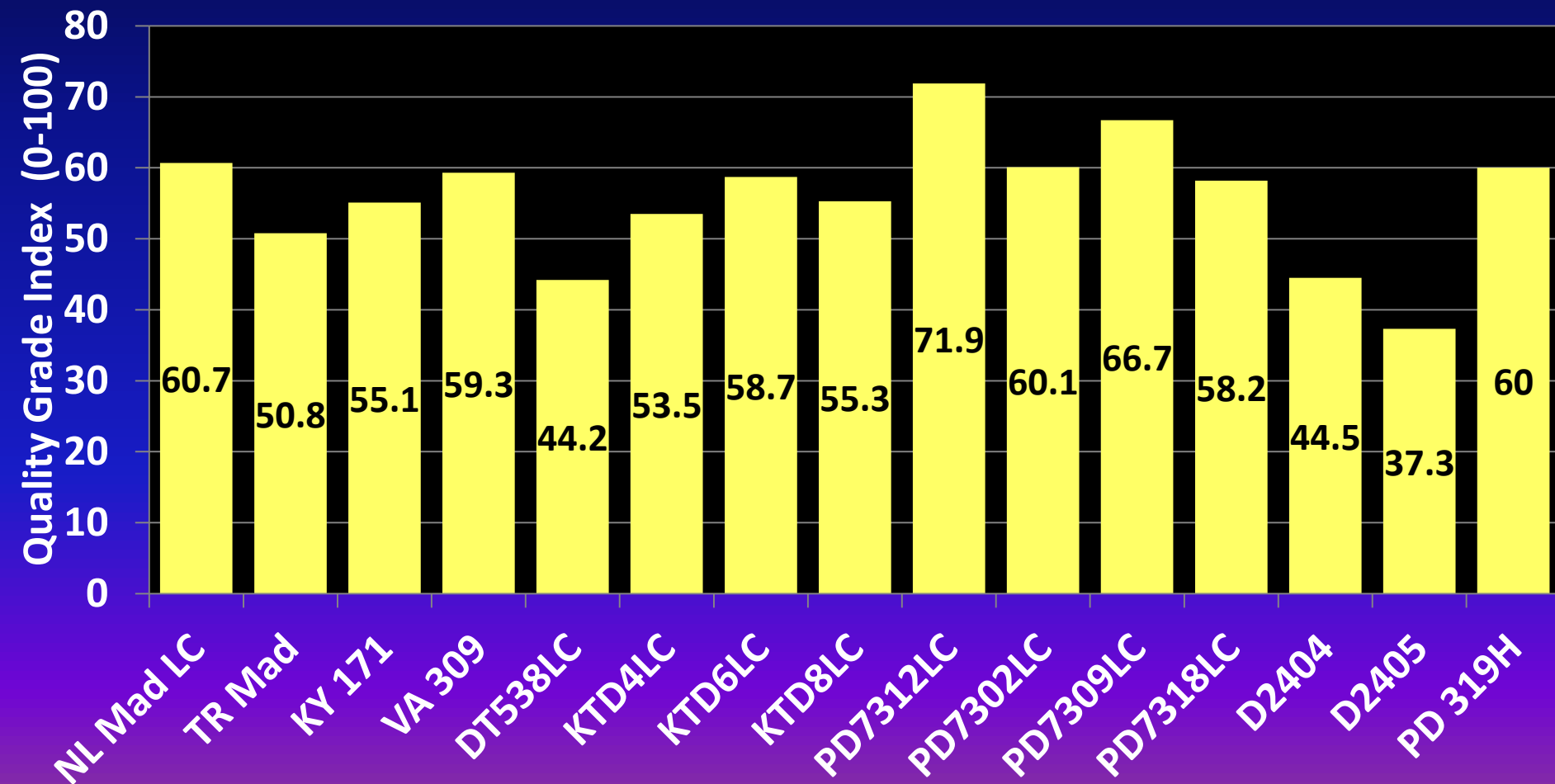
Total Yield (lbs/A):



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MSU – Murray, KY – Quality Grade Index Data

LSD_{0.05} = 17.3
■ Grade Index



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MSU – Murray, KY – Data Summary

- Frequent rain caused tobacco to be harvested approximately 1 wk late and under cloudy, wet conditions.
- Total average yield/A for trial was 2890 lbs/A
- Highest yielding varieties (>3200 lbs/A) were KT D8, D2405, KT D4, and D2404.
- Highest quality variety was PD 7312 (GI of 71.9)
 - Other high quality varieties (GI>60) were PD 7309, NL Mad, PD 7302, and PD 319H.