

2009 Dark Air-Cured Variety Trials

MSU – Murray, KY

- Trial set June 11
- 4900 plants/acre
 - 40” row spacing
 - 32” plant spacing
- RCBD with 4 replications
- Plots 2-rows, 40 ft. long
- Harvested early October
- Weather caused trial to be harvested late and air-cured under adverse conditions.
- 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)

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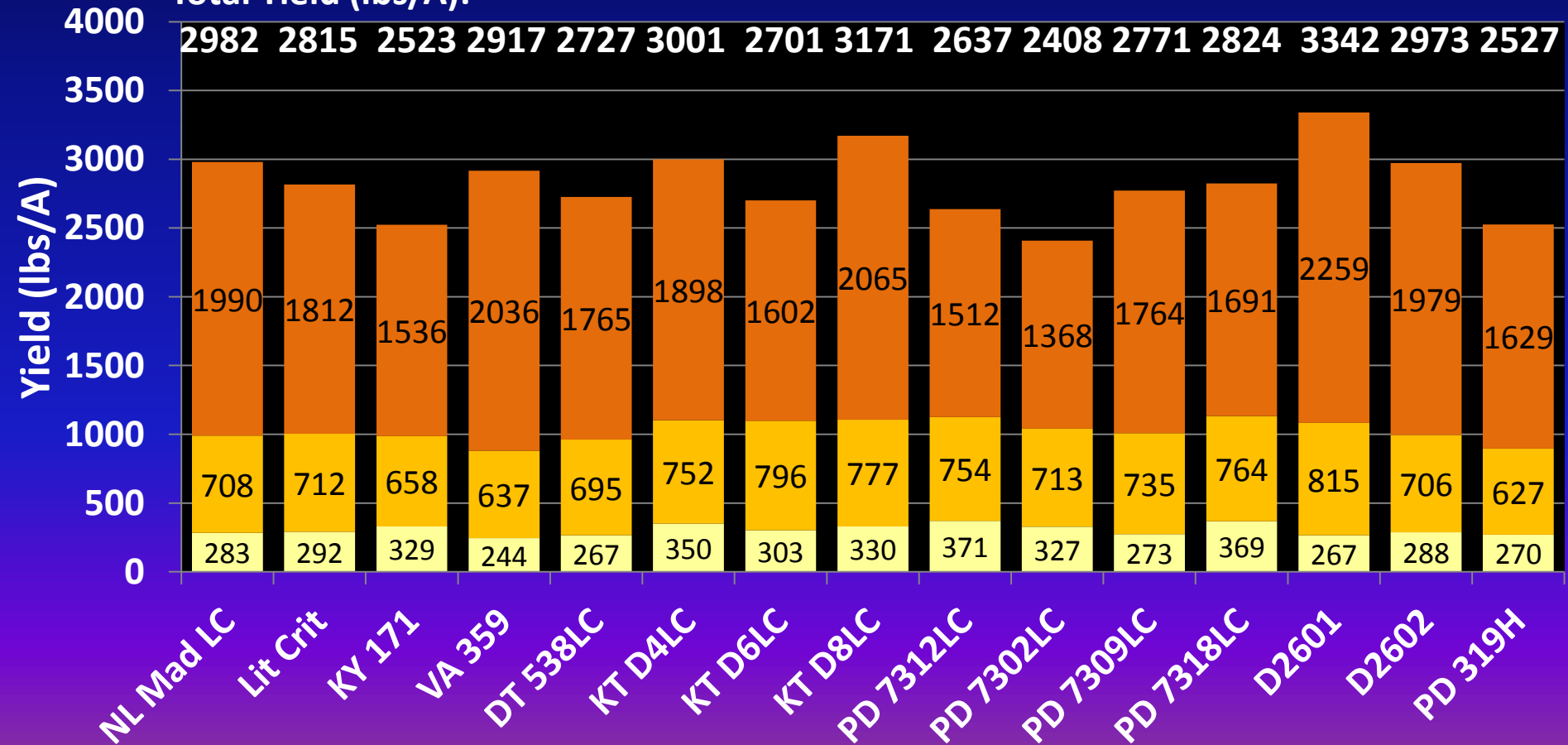
MSU – Murray, KY – Yield Data

Average total yield for trial = 2821 lbs/A

LSD_{0.05} = 88 169 431 503 (total)

■ Lug ■ Second ■ Leaf

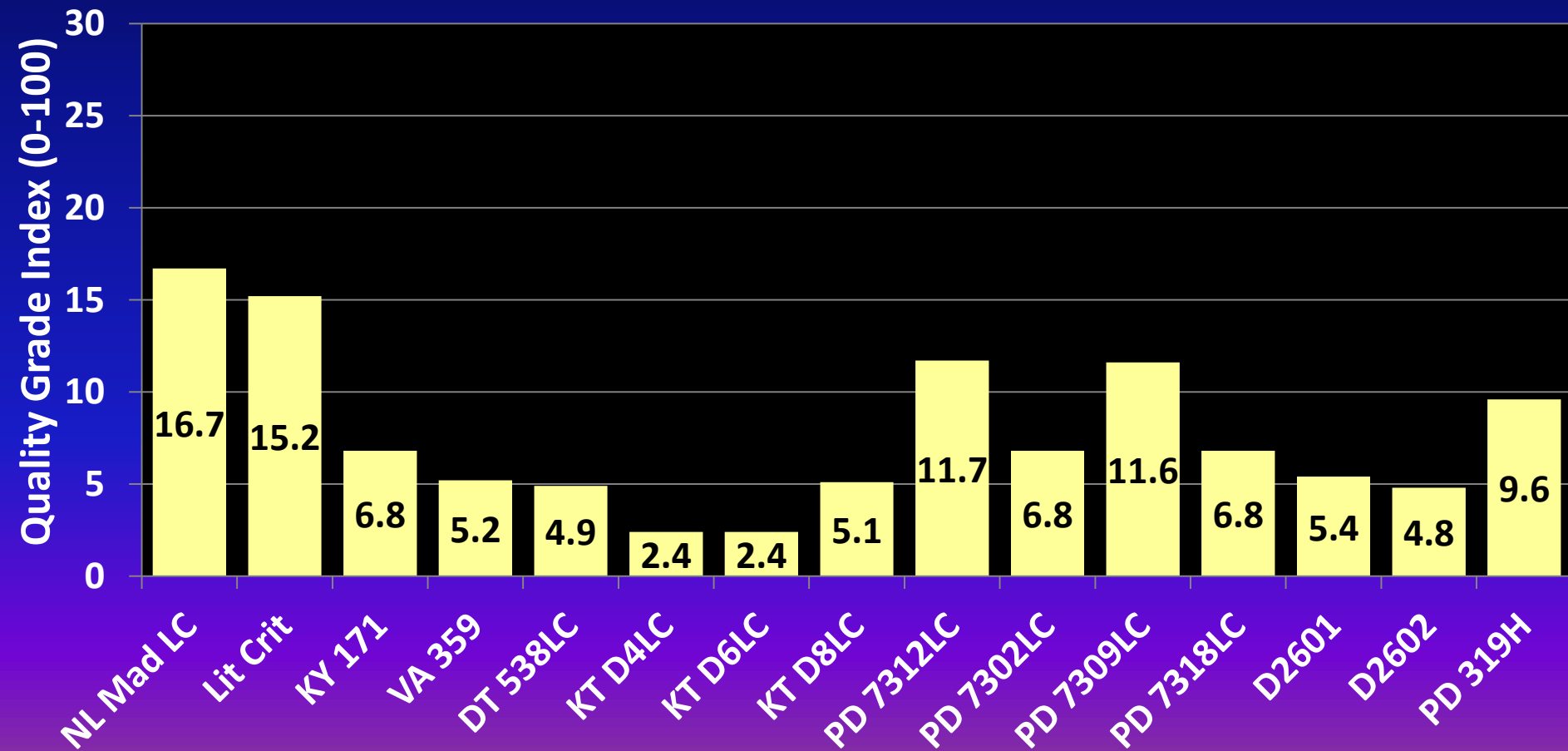
Total Yield (lbs/A):



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MSU – Murray, KY – Quality Grade Index Data

LSD_{0.05} = 6.6
■ Grade Index



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MSU – Murray, KY – Data Summary

- Average total yield for trial was 2821 lbs/A
 - Highest total yield from D2601 (3342 lbs/A)
 - Other high yielding varieties (>3000 lbs/A) were KTD8LC and KTD4LC.
- Very low quality in trial due to bad weather that caused late harvest and adverse curing conditions.
 - Highest quality seen from NL Mad LC and Little Crittenden.