

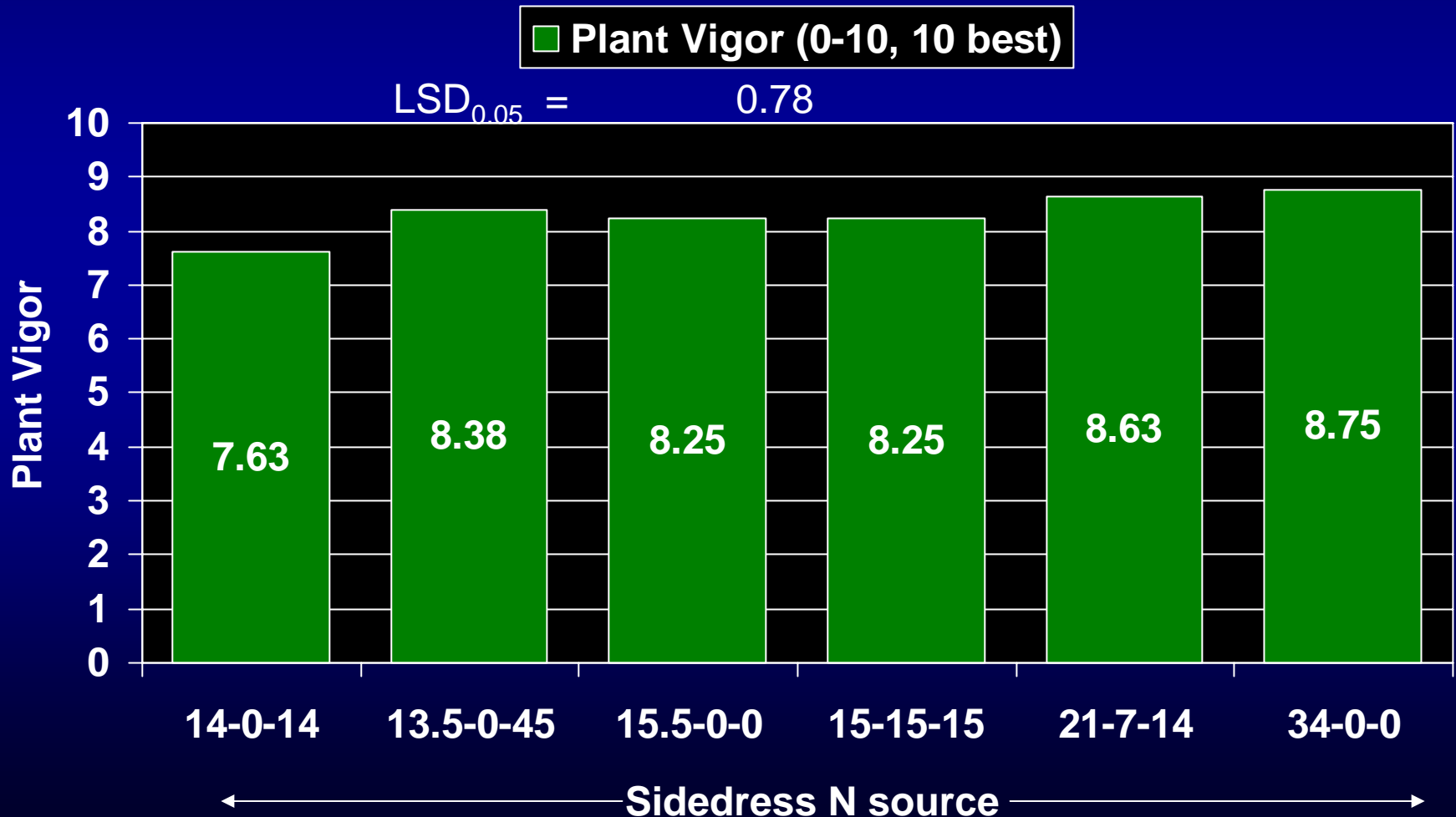
Effect of Nitrogen Source on Dark Tobacco Yield and Quality

2006 – MSU, Murray, KY

- Initial soil pH = 6.3
- 125 lbs N/A applied as Urea prior to transplanting
- 'Narrowleaf Madole LC' dark tobacco set June 1
- 125 lbs N/A sidedressed on June 27
- Sidedress N sources:
 - Hydro Plex (14-0-14)
 - Potassium nitrate (13.5-0-45)
 - Calcium nitrate (15.5-0-0)
 - Triple 15 (15-15-15)
 - 21-7-14 (Ca-NH₄NO₃)
 - Ammonium nitrate (34-0-0)
- RCBD with 4 replications
- Fire-cured

Effect of Nitrogen Source on Dark Tobacco Yield and Quality

2006 – MSU, Murray, KY – Late-season Plant Vigor

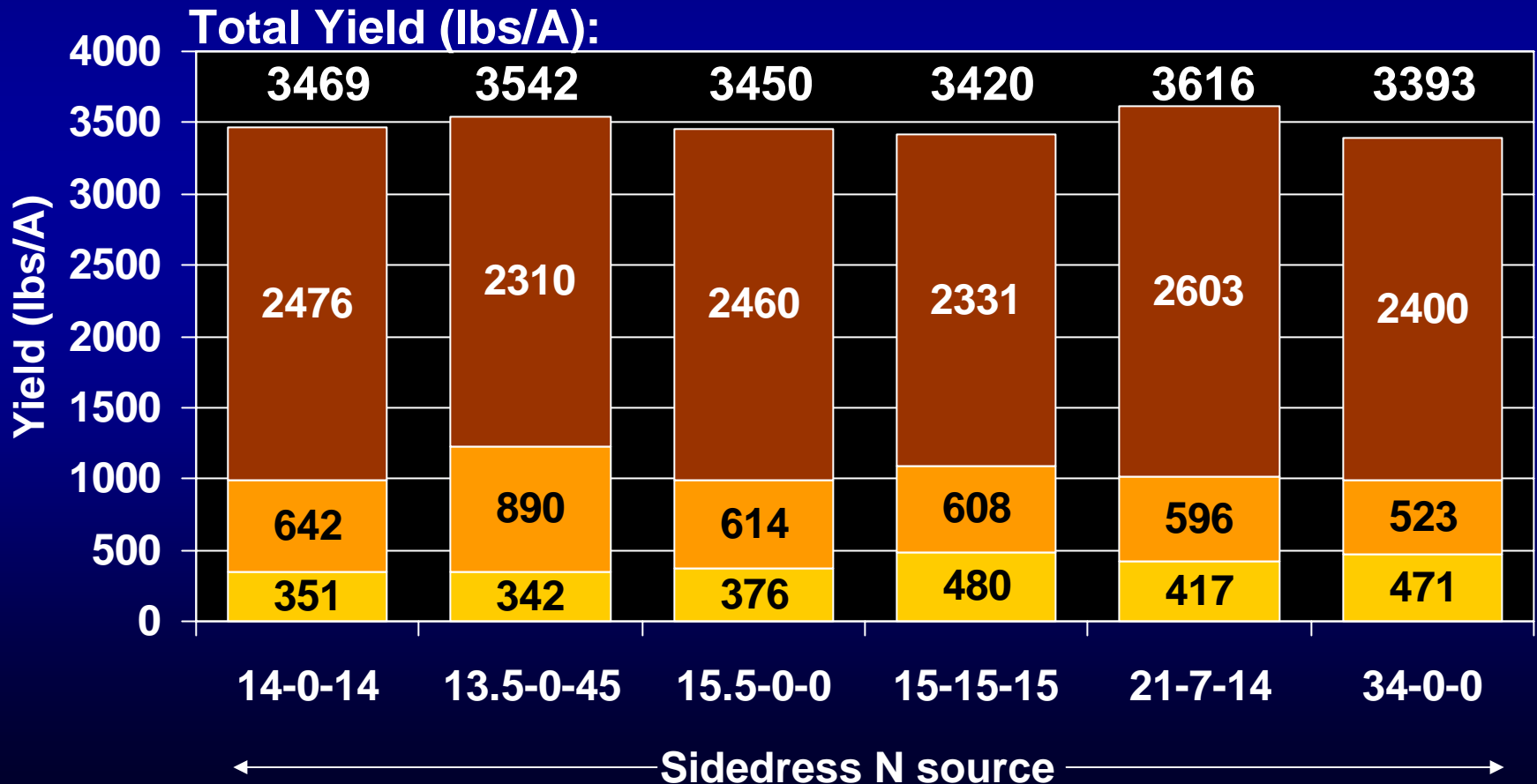


Effect of Nitrogen Source on Dark Tobacco Yield and Quality

2006 – MSU, Murray, KY – Dark-Fired Yield

LSD_{0.05} = 169 240 506 522 (total)

■ Lug ■ Second ■ Leaf



Effect of Nitrogen Source on Dark Tobacco Quality

2006 – MSU, Murray, KY – Grade Index and Revenue

*Values based on Federal Grade and 2004 Price Support for Type 23 Western Dark-Fired Tobacco

LSD_{0.05} =

1371

7.6 (Grade Index)

■ Gross Revenue (\$/A)

