

Drip Irrigation of Burley and Dark Tobacco

MSU – Murray, KY - 2005

- Burley Variety: TN 90
- Dark Variety: Narrowleaf Madole
- Treatments
 - Check plot with no irrigation
 - Weekly minimum of 1” water, including incident rainfall (every row middle)
 - 1” following any 10 d period with no rainfall (every row middle)
 - 1” following any 10 d period with no rainfall (every other row middle)
 - Best Management: irrigation as-needed according to WaterMark sensors
- Tobacco set June 9, 2005
- Irrigation beginning at topping
- 3 replications of treatments

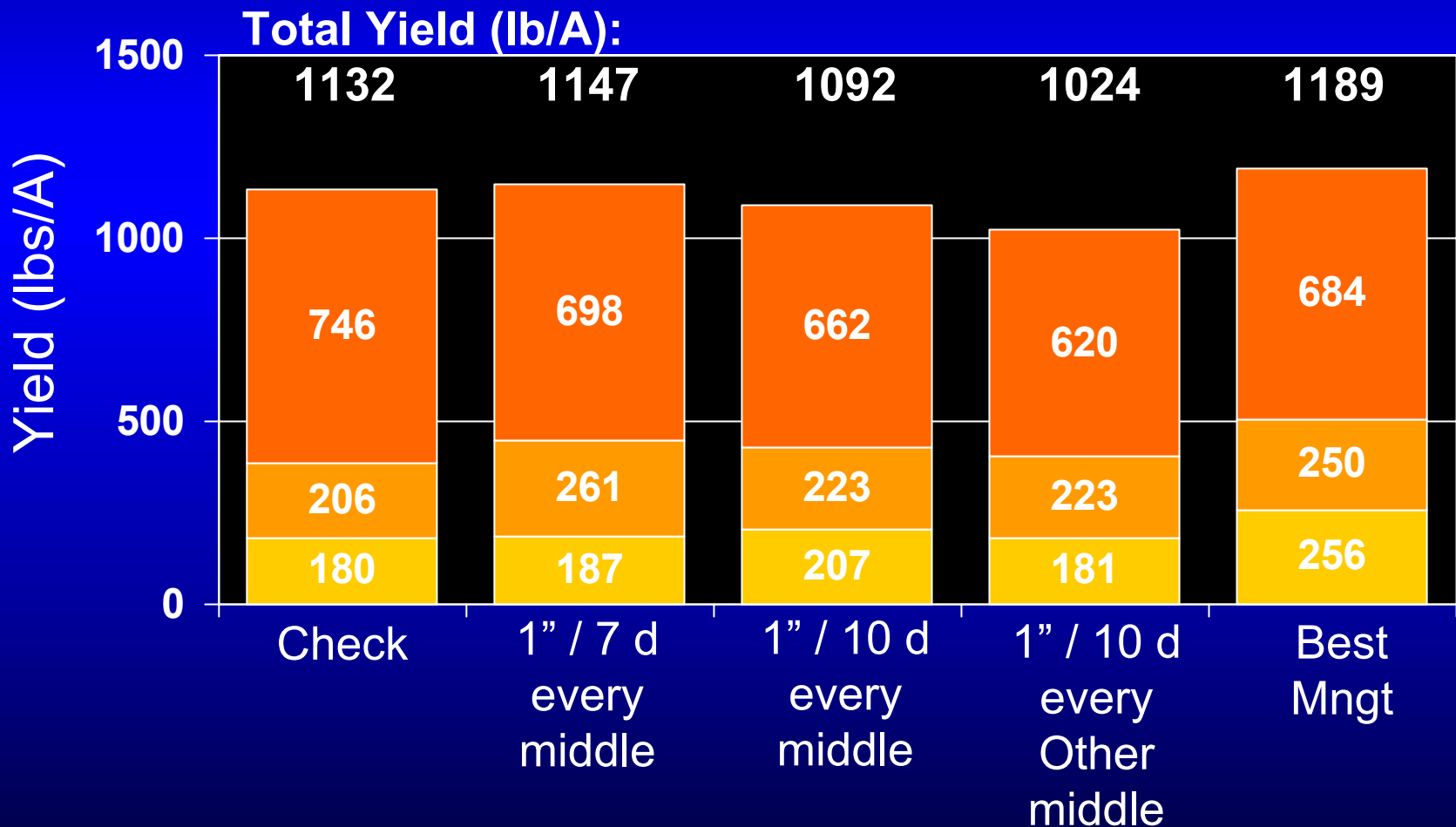
Drip Irrigation of Burley Tobacco

MSU – Murray, KY – 2005

Burley TN 90

LSD_{0.05} = 35 135 234 295 (total)

■ Lug ■ Second ■ Leaf



Drip Irrigation of Burley Tobacco

MSU – Murray, KY – 2005

Burley TN 90

**Based on 2004 Federal Grade and Price Support of Type 31 Burley tobacco.*

Treatment	Grade Index	Gross Revenue
		\$/acre
Check (no irrig.)	64	2191
1" / 7 d (every row)	62	2177
1" / 10 d (every row)	61	2047
1" / 10 d (every other row)	66	2015
Best Management	58	2267
LSD _{0.05}	8	608

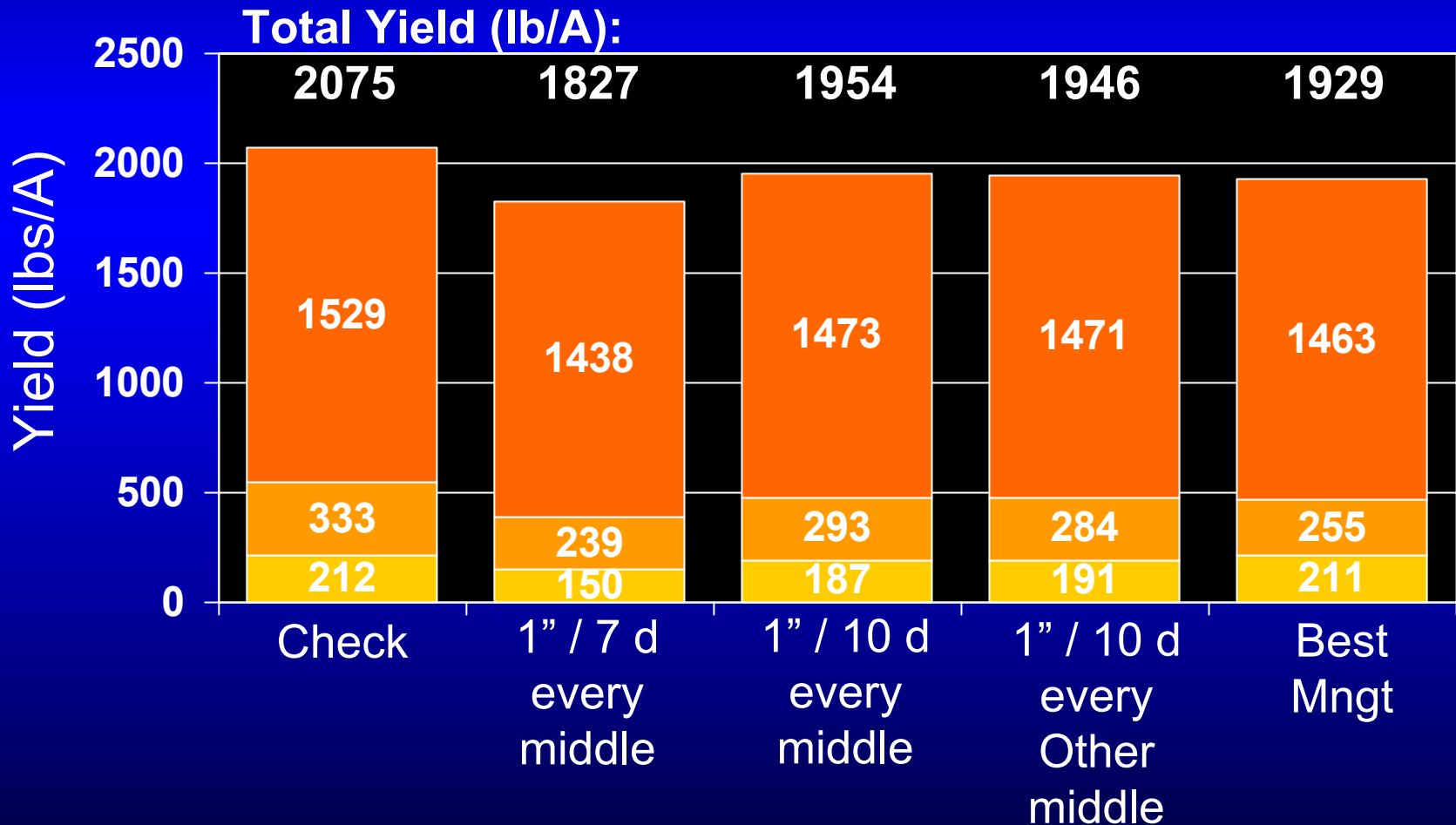
Drip Irrigation of Dark Tobacco

MSU – Murray, KY – 2005

Dark-Fired Narrowleaf Madole

LSD_{0.05} = 34 115 269 271 (total)

■ Lug ■ Second ■ Leaf



Drip Irrigation of Dark Tobacco

MSU – Murray, KY – 2005

Dark-Fired Narrowleaf Madole

**Based on 2004 Federal Grade and Price Support of Type 23 Dark Fire-Cured tobacco.*

Treatment	Grade Index	Gross Revenue
		\$/acre
Check (no irrig.)	69	4071
1" / 7 d (every row)	71	3676
1" / 10 d (every row)	68	3836
1" / 10 d (every other row)	73	3982
Best Management	71	3876
LSD _{0.05}	12	925