

SHORT SEASON DOUBLE ROW SPACING VARIETY TRIAL

Howard Wuertz - Coolidge

Agent-in-Charge - Sam Stedman

Variety	Turnout <sup>1/</sup> %	Lint lbs/A	Plants/A x 1000
DPL 61	29.70	1250 a <sup>2/</sup>	49.0 a <sup>2/</sup>
DPL 55	28.70	1215 a	52.2 a
ST 213	28.20	1206 a	40.8 a
ST 825	25.40	969 b	38.6 a

CV: Stand = 14.81%; Yield = 6.86%

DOUBLE ROW SPACING PLANTING RATE TRIAL<sup>3/</sup>

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Planting Rate Pounds per Acre	Turnout <sup>1/</sup> %	Lint lbs/A	Plants/A x 1000
20	27.20	1410 a <sup>2/</sup>	40.6 a <sup>2/</sup>
15	26.90	1315 a	29.8 b
10	27.30	1031 b	22.0 b

CV: Stand = 21.72%; Yield = 1.80%

<sup>1/</sup> Turnout percentages are based on laboratory gin results.

<sup>2/</sup> Values followed by the same letter are not significantly different at the .05 level by the Student-Newman-Keul's Test.

<sup>3/</sup> Planted with ST 213

CROP HISTORY: SOIL TYPE: Sandy Loam. PREVIOUS CROP: Cotton. TILLAGE: disk, rip, disk, list. PLANTING: May 3 at 24 lbs/A drilled in and watered up. FERTILIZER: Preplant: 150 lbs/A 16-20. IRRIGATION: 1 water-up irrigation + 10 more irrigations ending September 18. Total water use 3 AF. INSECTICIDE: 5 applications for bollworm and eggs. DEFOLIATION: Sodium Chlorate on November 1. HARVEST: December 14-15 with a finger stripper.