

SHORT STAPLE VARIETY DEMONSTRATION

Keith Layton - Florence

Agent-in-Charge - Sam Stedman

Variety	Turnout ^{1/} %	Lint lbs/A	Plants/A x 1000
DPL-7120	35.9	1244 a ^{2/}	60.0 a ^{2/}
DPL-41	34.3	1237 a	43.8 b
ST-825	31.9	1237 a	47.3 b
DPL-61	33.7	1162 a	47.5 b
DPL-70	33.6	1135 a	65.5 a
ST-506	31.7	1106 a	38.3 b
New Mexico Hybrid	25.0	645 b	29.3 c

^{1/}

Turnouts are based on laboratory gin results.

^{2/}

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

C.V.: Stand = 8.4%; Yield = 8.64%.

CROP HISTORY

SOIL TYPE: Silt Loam. PREVIOUS CROP: Cotton.
TILLAGE: Disk, chisel plow, disk, renovate, list.
PLANTING: April 25 at 12 lbs/A under cap.
HERBICIDE: Preplant: Treflan at 1.5 pts/A flown on and listed in.
Layby: None.
FERTILIZER: Preplant: Liquid Uran 32 at 15 gal/A. Layby: Sidedressed
Uran 32 at 15 gal/A.
IRRIGATION: 1 preirrigation + 6 more irrigations on alternate rows ending
September 7. Total water use 4 AF.
INSECTICIDE: 4 applications for Heliothis Complex; 2 applications of
Temik for Lygus and Perforator.
DEFOLIATION: 1.5 pts/A of DEF-6 on September 26; Sodium Chlorate + Paraquat
on October 10.
HARVEST: November 4, 1980.

SHORT STAPLE DOUBLE ROW VARIETY DEMONSTRATION

Pete Nalbanian - Magma

Agent-in-Charge - Sam Stedman

Variety	Seed Cotton lbs/A	Plants/A x 1000
ST-825	2059 a ^{1/}	41.0 ab ^{1/}
DPL-41	2048 a	41.3 ab
DPL-7120	2003 a	58.5 a
DPL-70	1935 a	52.0 ab
ST-506	1856 a	37.5 b
DPL-61	1804 a	35.3 b

^{1/}

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

C.V.: Stand Count = 20.4%; Yield = 8.44%.

CROP HISTORY

PLANTING: May 6, 1980 at 20 lbs/A double row, 10 inches apart.
HARVEST: January 8, 1980.