

CROP HISTORY EFFECT TRIAL

Dougherty Ranch--Higley Agricultural Extension Agent--C. R. Farr

Variety	Previous Crop	Turnout ^{1/} (%)	Lint (lb./A)	Length (UHM)	Strength (Pressley 1/8")	Micro- naire ^{2/}
DPL-16	Cotton	35.2	1115	1.05	3.24	3.57
DPL-16	Sorghum	35.5	1642	1.08	3.20	4.00

^{1/} Percent turnout based upon laboratory gin results.

^{2/} Quality measurements made at the University of Arizona Cotton Laboratory.

CROP HISTORY: PLANTED: 4/3/70. HARVESTED: 10/8/70. PREVIOUS CROP: 1. Barley, Sugarbeets, and Cotton. 2. Barley, Sugarbeets, and Sorghum. IRRIGATION: Final irrigation on 8/17/70. FERTILIZER: 120 lb./A of Nitrogen. SOIL TYPE: Loam. AREA HARVESTED FOR TEST: Four-40" rows 1250 feet in length.

NITROGEN FERTILIZER TRIAL

Davis Ranch--Chandler Heights Agricultural Extension Agent--C. R. Farr

Variety	Fertilizer Rate (lb./A)	Turnout (%)	Seed Cotton (lb./A)	Lint (lb./A)
DPL-16	74 N		2577	
DPL-16	148 N		2750	
