

PLANT POPULATION TRIAL

J. G. Boswell Co.		Agricultural Extension Agent--C. R. Farr					
Variety	Plant Population (Plants/A)	Turnout ^{1/} (%)	Seed Cotton (lb/A)	Lint (lb/A)	Length (UHM)	Strength (Pressley 1/8")	Micro-naire ^{2/}
DPL-16	19,750	36.0	3206	1154	1.14	3.18	4.49
DPL-16	29,300	34.3	2965	1017	1.05	3.21	4.30
DPL-16	30,750	35.6	3184	1134			
DPL-16	36,300	35.5	2405	1031	1.15	3.04	4.10
DPL-16	75,750	34.0	2378	809	1.15	3.26	3.70

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

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

CROP HISTORY: PLANTED: 3/22/70. HARVESTED: 11/6/70. PREVIOUS CROP: Three years cotton. FERTILIZER: Three years at the following 150 lbs. Nitrogen, 70 lbs. P₂O₅/A. Applied this year 190 lbs. NH₃/A. SOIL TYPE: Loam. AREA HARVESTED FOR TEST: Four-40" rows 785 feet in length.

* * * * *

ROW SPACING TRIAL

J. G. Boswell Co.		Agricultural Extension Agent--C. R. Farr	
Variety	Row Spacing	Seed Cotton (lb/A)	
DPL-16	SOLID - 38" rows	3511	
DPL-16	SKIP - 2 & 1	4831	

CROP HISTORY: PLANTED: 3/22/70. HARVESTED: 11/6/70. PREVIOUS CROP: Three years cotton. FERTILIZER: Three years at the following 150 lbs. Nitrogen, 70 lbs. P₂O₅/A. Applied this year - 190 lbs. NH₃/A. SOIL TYPE: Loam. AREA HARVESTED FOR TEST: Four-40" rows 785 feet in length.