

The data reported here does not indicate any profound advantage of one planting date over the other. In respect to seeding rates the low rate (7 pounds per acre) was not adequate at either date. Conclusions from this test indicate trends but any judgment should recognize that the data are for one year only and the test should be repeated for a least 2-4 more years to attain a much higher degree of reliability.

Conclusions on this basis are:

- For optimum yields at early planting date (April 6) the 13 or 17 lb. rates were acceptable.
- Optimum yield at late planting date (April 21) required the 17 pound seeding rate.
- The early planting date produced the highest yield in two out of three cases. This indicates a trend in favor of early planting but it is not conclusive evidence.

Further testing following similar design is planned but the low (7 lbs.) seeding rate would be eliminated as it appears to be impractical.

VARIETY TRIAL
LONG STAPLE

<u>Bob Colvin - Eden</u>	<u>Agent-in-Charge - John Sears</u>
<u>Variety</u>	<u>Seed Cotton lbs/A</u>
S-4	880
S-3	729
P-23	701
P-27	798
P-28	1128

CROP HISTORY: PLANTED: April 7 at 12 lbs/A. PREVIOUS CROP: Cotton. HARVESTED: November 29. FERTILIZER: none. HERBICIDES: preplant Treflan 1 pt/A + Caparol 2 lbs/A on the flat and double-disked. Seven cultivations. INSECTICIDES: seven applications for pink bollworm control. IRRIGATION: preirrigated March 25 with 5 additional irrigations, cutoff August 25. DEFOLIATION: none. PLOT SIZE: 2 rows x 1220 ft. long, 38" beds, 2 reps.

VARIETY TRIAL
LONG STAPLE

<u>Dean Rogers - Pima</u>	<u>Agent-in-Charge - John Sears</u>
<u>Variety</u>	<u>Seed Cotton lbs/A</u>
S-4	406
P-23	451
P-27	508
S-3	584
P-28	375

CROP HISTORY: PLANTED: May 12 at 12 lb/A. PREVIOUS CROP: 1972 - barley.
HARVESTED: November 30. FERTILIZER: 80 lb/A of NH_3 sidedressed.
HERBICIDES: none, two cultivations. INSECTICIDE: seven applications for pink bollworm control. IRRIGATION: preirrigated May 1, 3 additional irrigations, cutoff August 1. DEFOLIATION: none. PLOT SIZE: 4 rows x 1300 ft. 38" beds, 1 row/bed, 2 reps.