

Short Staple Variety Demonstration

Dennis Layton, Thatcher; Ron Cluff, Agent-in-Charge

<u>Variety</u>	<u>Turnout^{1/}</u> %	<u>First Pick</u>	<u>Lint lbs./A</u>	<u>Total</u>
DP 90	35.4	1187 a		1534
DP-90Y	35.7	1166 a		1505
ST 506	33.0	962 b		1099
MN 235	32.9	959 b		1091
DP 150	31.1	842 bc		1026
ST 825	32.9	738 c		888

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. = 7.39

Crop History

SOIL TYPE: Clay loam
PREVIOUS CROP: Cotton
TILLAGE: Disc, plowed, dragged, listed, mulched.
PLANTING: April 13th at 25 lbs/A in 38" rows.
HERBICIDE: None
FERTILIZER: None
IRRIGATION: Total of 4 acre feet.
INSECTICIDE: Pydrin for pink bollworm.
DEFOLIATION: None
HARVEST: 10-17-84

Short Staple Variety Demonstration

Dennis Layton, Thatcher; Ron Cluff, Agent-in-Charge

Variety	Turnout ^{1/} %	First Pick	Lint lbs./A	Total
DP 90	35.4	1146	a ^{2/}	1590
DP 90Y	35.7	1133	a	1537
ST 506	33.0	1014	b	1262
MN 235	32.9	936	b	1162
DP 150	31.1	767	c	1060
ST 825	32.9	752	c	999

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. =

Crop History

SOIL TYPE: Clay loam
 PREVIOUS CROP: Cotton
 TILLAGE: Disc, plowed, dragged, listed, mulched.
 PLANTING: April 13th at 25 lbs/A in 38" rows.
 HERBICIDE: None
 FERTILIZER: None
 IRRIGATION: Total of 4 acre feet.
 INSECTICIDE: Pydrin for pink bollworm.
 GROWTH REGULATOR: Two separate applications of Pix at .5 pt/A.
 DEFOLIATION: None
 HARVEST: 10-17-84

Short Staple Variety Demonstration

Claude Evans, Casa Grande; Sam Stedman, Agent-in-Charge

Variety	Turnout ^{1/} %	Lint Lbs./A
DP 90	36.5	1829 a ^{2/}
DP 62	34.1	1556 b
DP 70	35.6	1424 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. = 3.23

Short Staple Variety Demonstration

Bruce Church, Parker; Billy Moore, Agent-in-Charge

Variety	Turnout ^{1/} %	Lint Lbs./A
DP 70	30.0	951 a ^{2/}
DP 90	30.2	927 a
ST 825	29.2	915 a
DP 62	28.8	895 a
DP 61	29.8	889 a
ST 506	27.3	821 a

^{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. = 8.66

Crop History

PLANTING: April 4th
HARVEST: November 9th

Short Staple Variety Demonstration

Pat Talla Farms, Stanfield; Sam Stedman, Agent-in-Charge

Variety	Turnout ^{1/} %	Lint Lbs./A	Average Price Based on Classing Grade	Value/Price
DP 90	36.0	1264 ^{2/} a	.5671	\$717
DP 61	35.3	1260 a	.5669	\$714
DP 62	35.2	1254 a	.5648	\$708
DP 733	35.4	1226 a b	.5642	\$692
DP 41	35.3	1154 b	.5643	\$651

^{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.

**Summary of Short Staple Variety Trials
1984**

Yield of Lint Lbs./A

Variety	Casa Grande	Marana	Mohave Valley	Mohave Valley	Mohave Valley	Parker	Thatcher	Yuma
DELTAPINE								
30								993
41		1457	818	1119	1204			1044
50								1286
55		1372						
61						889		1060
62	1556	1223	826	989	1097	895		900
70	1424		905	1038	1201	951		1088
70-974								1082
90	1829	1389	810	1018	1265	927	1534	935
90Y							1505	955
150		1275	803		1147		1026	
775								883
McNAIR								
220		1219						
235		1203					1091	
STONEVILLE								
213		1212						
506		1393	788	984	1138	821	1099	1004
825		1268	810	1032	1045	915	888	1100