

UPLAND VARIETY TESTS

W. D. Fisher, L. L. Patterson, J. M. Olvey

Twenty-eight strains and/or varieties were planted in small plot, replicated, tests at the Cotton Research Center and at the Marana Farm. The yields from these tests are shown in the following table. The lint percent given is determined from clean hand-picked samples ginned on a small laboratory gin. These values are somewhat higher than those normally obtained under commercial harvesting and ginning. However, the relative comparisons should be valid, even though the per acre yields are too high by the degree of difference in gin turnout.

VARIETY-STRAIN TESTS
1981

COTTON RESEARCH CENTER			MARANA FARM		
	Lint/Acre	Lint %		Lint/Acre	Lint %
Deltapine 299	1952	40.4	Deltapine 41	1712	42.8
Deltapine 70	1949	39.6	Stoneville 707	1661	37.7
McNair 235	1927	39.5	Stoneville 473	1587	39.8
McNair 220	1904	39.3	Deltapine 7544	1577	39.0
Deltapine 41	1856	41.5	Stoneville 825	1564	38.5
Deltapine 62	1755	38.1	Deltapine 299	1561	39.8
7209-110	1733	41.8	Deltapine 70	1531	40.4
7209-102	1720	42.5	Deltapine 733	1514	38.6
Stoneville 213	1700	38.5	Stoneville 213	1504	38.4
Deltapine 7544	1690	39.9	Deltapine 62	1484	38.6
Deltapine 733	1683	38.8	Stoneville 8162	1474	37.7
Stoneville 8101	1676	36.4	Stoneville 8101	1474	37.0
7209	1674	40.2	Deltapine 712	1464	40.5
Stoneville 825	1657	38.1	McNair 220	1443	39.2
7209-107	1644	39.9	Stoneville 506	1429	38.0
Deltapine 712	1627	38.9	7209-110	1397	41.4
7203-103	1592	39.1	7203	1396	40.2
Stoneville 473	1590	38.8	7203-104	1392	38.1
Stoneville 506	1577	37.0	7209-102	1381	42.5
Stoneville 707	1572	37.5	7209	1377	41.6
Stoneville 8162	1522	37.0	7203-4	1370	39.6
7203-4	1498	39.3	7203-103	1365	39.6
7203	1464	40.4	McNair 235	1359	39.0
7203-104	1459	37.8	Q.S. 137	1347	38.6
Q.S. 137	1449	36.9	Dunn 715-87	1337	37.4
Dunn 916	1284	35.9	7209-107	1270	39.8
Dunn 715-87	1221	36.7	Dunn 916	1224	36.7
Dunn 219	1194	34.2	Dunn 219	1018	34.9
AVE.	1627		AVE.	1436	
C.V.	9.7%		C.V.	18.3%	
LSD 05	180 lbs.		LSD 05	300 lbs.	
01	238 lbs.		01	397 lbs.	