

Short Staple Variety Comparison

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Summary

Over time, we have found that varieties of short staple cotton do not necessarily perform the same in Pima County as they do in other Arizona cotton-producing counties. For this reason, we continually need to test the performance of promising varieties under local conditions.

In 1984 we recorded several all-time record high yields, but this was not the case statewide. This phenomena highly supports the need for locally-generated performance data.

Table 1. Short Staple Variety Comparison

Marana Agricultural Center, Marana

<u>Variety</u>	<u>Rep.1</u>	<u>Rep.2</u>	<u>Rep.3</u>	<u>Rep.4</u>	<u>Seed Cotton</u> lbs.	<u>Seed Cotton/A</u> lbs.	<u>Gin %</u>	<u>Lint (1 Per Acre</u> lbs. (2)
DPL 41	770	780	780	640	2970	4069	35.8	1457 a
ST 506	720	780	700	680	2880	3946	35.3	1393 ab
DPL 90	780	750	640	670	2840	3891	35.7	1389 ab
DPL 55	780	750	650	610	2790	3822	35.9	1372 abc
DPL 150	670	760	740	600	2770	3795	33.6	1275 bc
ST 825	710	730	660	530	2630	3603	35.2	1268 bc
DPL 62	710	730	580	530	2550	3494	35.0	1223 bc
MN 220	680	690	630	610	2610	3576	34.1	1219 bc
ST 213	670	690	580	610	2550	3494	34.7	1212 bc
MN 235	680	690	710	630	2710	3713	32.4	1203 c

(1 First Pick Only

(2 Values followed by the same letter not significantly different at .05 level by Student-Newman-Keul's test.