

County Cotton Variety Testing Update

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Many producers are in the process of booking seed for next year. There are several new varieties in new technologies that are worthy of a look.

Variety selection is perhaps the most important decision a producer makes. Once planted, no amount of worry, work, or money can make up for a poor decision. Our recommendations for planting is that roughly two-thirds of your acres be planted with varieties that are proven on your farm. Of the remaining acres, limit new varieties to no more than 10% of your total acreage. The remaining 25% should be dedicated to those varieties in which you have limited experience. This strategy provides stability while allowing for evaluation of new varieties.

There are a number of unbiased information sources available to assist in selecting new varieties. Our primary source is the University Variety Testing Program. Results from the Arkansas Trials conducted by Dr. Fred Bourland may be found at <https://arkansas-variety-testing.uark.edu/cotton.aspx> soon.

A great deal of information is collected and presented in a way to help evaluate fiber quality, maturity, growth characteristics, and other variety traits as well as yield. County data included in this blog will also be included in the University Variety Testing Program publication.

Don't restrict yourself to your home state or area. In Arkansas, it is appropriate to evaluate variety performance trials from neighboring states in the Mid-South. Evaluating the consistency of a variety under a wide array of conditions will be beneficial.

Contact your local county Extension agent for assistance in obtaining or interpreting variety performance data and to get the date and location of upcoming county production meetings.

2018 County Large Plot Variety Testing

Variety Name	Ashley County		Clay County		Craighead County		Jefferson County		Lee County		Lonoke County		Mississippi Basset		Mississippi County		Poinsett County		St. Francis County		Average Rank	
	Lint lb/A	R	Lint lb/A	R	Lint lb/A	R	Lint lb/A	R	Lint lb/A	R	Lint lb/A	R	Lint lb/A	R	Lint lb/A	R	Lint lb/A	R	Lint lb/A	R	Lint lb/A	R
DP 1646 B2XF	1378	1	1473	5	1885	1	2038	1	1385	1	1206	1	1701	5	1739	6	1781	1	2002	1	1659	2.3
ST 5471 GLTP	1188	6	1606	1	1825	3	1784	2	1377	2	1087	2	1975	1	1837	2	1652	2	1872	3	1620	2.4
ST 5122 GLT	1102	9	1362	6	1786	5	1730	3	1385	1	1058	3	1858	2	1791	5	1558	4	1976	2	1561	4.0
NG 3729 B2XF	1221	3	1567	2	1751	7	1658	6	1299	5	969	9	1569	7	1855	1	1463	7	1754	4	1511	5.1
DG 3385 B2XF	1271	2	1565	3	1843	2	1662	5	1325	3	1043	4	1426	10	1644	10	1507	5	1619	10	1491	5.4
DP 1820 B3XF	1126	8			1710	9	1652	7	1104	10	1004	5	1747	3	1832	3	1447	8	1742	5	1485	6.4
DG 3214 B2XF	1205	4	1497	4	1681	10	1572	11	1195	8	970	8	1373	11	1817	4	1575	3	1680	8	1457	7.1
NG 5007 B2XF	1193	5	1357	7	1713	8	1684	4	1255	6	1000	6	1472	9	1701	7	1339	11	1167	11	1384	7.4
PHY 430 W3FE	1092	11			1800	4	1639	9	1192	9	978	7	1716	4	1670	8	1349	10	1701	6	1460	7.6
DP 1518 B2XF	1096	10			1758	6	1584	10	1316	4	861	11	1436	8	1651	9	1488	6	1684	7	1430	7.9
PHY 350 W3FE	1142	7					1649	8	1201	7	914	10									1227	8.0
PHY 330 W3FE					1533	11							1682	6	1496	11	1365	9	1674	9	1550	9.2