

NORTHWEST ALABAMA ON-FARM COTTON VARIETY TRIALS 2011
Results of 4 trials

Cotton Variety Performance in Northwest Alabama, Franklin County 2011

Test 1

Producer: Murray Farms

ACES Cooperators: E. Schavey, T. Reed, D. Monks

Variety	Seed Cotton	Lint Turnout (%)	Lint Yield (lbs/acre)	Mic	Length (in)	Strength (gr/tex)
ST 4288 B2RF	2680	43.2	1158	5.3	1.14	30.9
DPL 1137 B2RF	2592	46.2	1198	4.8	1.13	29.9
DPL 1028 B2RF	2490	47.3	1178	5.2	1.12	28.8
DPL 0912 B2RF	2333	43.9	1024	5.5	1.08	30.1
PHY 375 WRF	2332	46.2	1077	5.3	1.05	28.6
ST 5288 B2RF	2320	46.2	1072	5.2	1.14	30.0
DPL 1133 B2RF	2307	45.3	1045	5.5	1.10	31.3
DPL 1034 B2RF	2283	47.6	1087	5.2	1.09	22.2
DPL 1048 B2RF	2174	45.8	996	5.0	1.17	30.3

8 row plots planted in 40 inch rows 4/18/2011. Plots harvested 11/2/2011.

Test 2

Producer: Murray Farms

ACES Cooperators: E. Schavey, T. Reed, D. Monks

Variety	Seed Cotton	Lint Turnout (%)	Lint Yield (lbs/acre)	Mic	Length (in)	Strength (gr/tex)
DPL 0912 B2RF	1723	44.0	758	5.3	1.09	31.4
PHY 569 WRF	1682	42.4	713	5.2	1.13	34.4
PHY 367 WRF	1602	43.3	694	5.0	1.14	32.9
ST 4288 B2RF	1598	43.4	694	5.4	1.11	32.1
PHY 375 WRF	1563	47.2	738	5.3	1.05	28.6
DPL 1034 B2RF	1551	47.8	741	5.3	1.10	29.2
ST 5288 B2RF	1524	43.4	661	5.2	1.12	28.4
FM 1740 B2RF	1399	45.3	634	5.2	1.03	28.5
ST 5458 B2RF	1272	44.9	571	5.6	1.04	28.9

8 row plots planted in 40 inch rows 4/19/2011. Plots harvested 11/5/2011.

Cotton Variety Performance in Northwest Alabama, Franklin County 2011

Test 3

Producer: Murray Farms

ACES Cooperators: E. Schavey, T. Reed, D. Monks

Variety	Seed Cotton	Lint Turnout (%)	Lint Yield (lbs/acre)	Mic	Length (in)	Strength (gr/tex)
ST 4145 LLB2	2803	43.5	1219	5.1	1.12	30.9
FM 1845 LLB2	2729	41.4	1130	4.9	1.19	33.8
PHY 375 WRF	2706	45.6	1234	5.0	1.14	30.4
PHY 440 W	2515	45.1	1134	5.0	1.16	33.8
FM 1773 LLB2	2332	39.9	931	4.9	1.21	32.6

8 row plots planted in 40 inch rows 4/19/2011. Plots harvested 10/27/2011.

Test 4

Producer: Tommy Murray

ACES Cooperators: E. Schavey, T. Reed, D. Monks

Variety	Seed Cotton	Lint Turnout (%)	Lint Yield (lbs/acre)	Mic	Length (in)	Strength (gr/tex)
PHY 999 WRF	3803	41.3	1571	4.2	1.19	34.1
ST 4288 B2RF	3281	35.3	1158	3.4	1.20	32.5
DP 0912 B2RF	2941	38.3	1126	3.8	1.17	30.7
PHY 367 WRF	2980	38.1	1136	3.4	1.22	33.0
ST 5288 B2RF	2719	38.8	1055	3.9	1.15	29.7
DP 1034 B2RF	2431	41.0	994	3.9	1.18	30.1
ST 5458 B2RF	2301	39.3	905	3.9	1.17	32.2
FM 1740 B2RF	1726	39.2	676	3.9	1.15	30.8

One row plots planted using 40 inch row spacing 5/19/2011. Hand-harvested three-10 foot sections of row for each variety 11/10/2011.