

Table 21. Results of the dryland cotton variety test at the Texas Agricultural Experiment Station, Halfway, TX, 2002.

Designation	Agronomic Properties					
	% Lint		Boll Size	Seed Index	Lint Index	Seed Per Boll
	Picked	Pulled				
Acala 1517-99	38.3	26.7	3.9	10.0	6.9	21.1
AFD 2070	39.1	28.1	5.0	10.1	7.2	27.6
AFD 3511 RR	35.8	23.1	3.4	8.4	5.3	23.1
All-Tex Atlas	37.4	26.7	4.3	8.9	5.9	27.5
FiberMax 819	38.9	24.9	3.1	8.0	6.0	20.4
FiberMax 958	39.5	26.8	5.0	8.8	6.5	31.1
FiberMax 966	41.2	29.4	4.7	10.1	7.6	25.1
Paymaster 2167 RR	40.3	26.2	3.9	7.7	5.8	27.3
Paymaster 2326 RR	37.4	26.5	4.0	9.2	6.0	25.0
PhytoGen 355	38.8	26.2	3.7	8.2	6.1	23.3
Phytogen 98M-2983	41.7	29.1	4.0	8.5	6.8	24.4
Stoneville 2454R	40.3	28.3	4.2	9.1	6.8	24.9
Syngenta NX 2108 ss	38.1	23.5	3.4	8.5	6.2	20.7
Syngenta NX 2429	38.2	26.5	3.9	8.9	6.2	23.7
Tamcot Sphinx	38.2	26.9	4.5	9.6	6.5	26.4
Mean	38.9	26.6	4.0	8.9	6.4	24.8
C.V.%	1.9	8.2	10.4	7.7	7.5	9.2
LSD 0.05	1.3	3.8	0.7	1.2	0.8	4.0

Due to drought conditions, this test was not harvested for yield. Boll Samples were harvested to obtain the information contained in Tables 21 and 21A. Poor stand prevented SR ratings.

Table 21A. Results of the dryland cotton variety test at the Texas Agricultural Experiment Station, Halfway, TX, 2002.

Designation	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Leaf Index	Rd	+b	Color Grade ^{1/}	Loan Value
Acala 1517-99	4.7	1.08	81.7	31.1	5.1	2	68.6	8.4	51-3	0.4975
AFD 2070	4.8	0.99	81.2	28.0	5.2	2	70.8	8.6	41-4	0.4715
AFD 3511 RR	4.8	0.93	78.9	25.1	5.3	1	68.2	10.6	42-1,43-1	0.4310
All-Tex Atlas	5.1	0.98	80.2	27.8	5.5	2	72.4	8.4	41-3,41-4	0.4333
FiberMax 819	4.8	1.03	80.1	29.6	4.5	2	71.1	8.5	41-4	0.4820
FiberMax 958	5.0	1.03	80.8	28.6	3.8	2	71.8	8.7	41-3,41-4	0.4548
FiberMax 966	5.1	1.04	81.0	30.3	3.4	2	73.0	8.7	41-3	0.4578
Paymaster 2167 RR	4.9	0.91	79.1	25.3	4.6	2	68.1	10.3	42-1,43-4	0.4088
Paymaster 2326 RR	4.9	0.97	80.8	28.4	5.8	2	70.9	9.0	41-3,41-4	0.4510
PhytoGen 355	5.5	0.99	81.7	27.7	7.2	3	67.5	9.1	42-2,52-1	0.4070
Phytogen 98M-2983	5.6	0.95	80.5	26.8	6.5	1	70.4	9.0	41-4,42-1	0.4053
Stoneville 2454R	5.3	0.96	80.7	26.9	5.5	1	71.5	9.0	41-3,42-2	0.4130
Syngenta NX 2108 ss	4.9	0.95	79.2	25.6	5.5	2	68.3	10.0	42-2,43-2	0.4335
Syngenta NX 2429	5.5	1.01	82.0	28.4	7.3	2	70.2	8.8	41-4,42-2	0.4408
Tamcot Sphinx	5.4	0.97	80.6	27.5	5.1	1	70.4	9.0	41-4,42-2	0.4115
Mean	5.1	0.98	80.5	27.8	5.3	2	70.2	9.1		0.4400
C.V.%	1.8	2.9	1.1	3.3	4.9	37.7	2.2	5.1		4.5
LSD 0.05	0.2	0.05	1.5	1.6	0.5	1	2.7	0.8		0.0346

^{1/} Fiber quality determinations are made on samples from two reps. If the color grades from these two samples are identical, only one color grade is reported. If they are different, both are reported.