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# Georgia

## 2024 Peanut and Cotton Performance Tests

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# ***Cotton Test Results***



# Multi-Location Performance Results, 2024

## Summary of Seed Cotton Yields

### OVT Seed Cotton Yields in Lbs/Acre

<b>Company/Brand Name</b>	<b>Variety</b>	<b>Tifton Irrigated</b>	<b>Tifton Dryland</b>	<b>Plains Irrigated</b>	<b>Plains Dryland</b>	<b>Attapulgus Irrigated</b>	<b>Attapulgus Dryland</b>
Armor	24X951 B3TXF	2,487	<b>1,685</b>	2,029	<b>1,091</b>	4,030	2,037
Armor	9245 B3TXF	1,604	849	<b>2,255</b>	<b>1,081</b>	4,024	2,332
Armor	9831 B3XF	<b>2,896</b>	1,493	1,604	510	<b>4,446</b>	2,270
Deltapine	23R8029B3XF	<b>3,013</b>	<b>1,999</b>	1,958	887	<b>4,527</b>	2,552
Deltapine	23R9143B3TXF	2,767	<b>1,776</b>	<b>2,165</b>	<b>990</b>	3,642	2,167
Deltapine	23R9822B3TXF	2,392	1,354	1,988	<b>1,155</b>	3,329	1,791
Deltapine	23R9918B3TXF	2,295	<b>1,691</b>	1,962	876	4,342	1,901
Deltapine	DP 2038 B3XF	2,756	1,534	1,683	695	3,698	2,034
Deltapine	DP 2115 B3XF	<b>2,906</b>	1,412	1,577	748	3,755	2,479
Deltapine	DP 2127 B3XF	2,730	<b>1,843</b>	2,024	<b>1,059</b>	3,777	2,433
Deltapine	DP 2211 B3TXF	<b>2,840</b>	<b>1,794</b>	1,632	909	4,328	2,306
Deltapine	DP 2328 B3TXF	<b>2,863</b>	1,517	1,972	<b>1,129</b>	3,441	2,412
Deltapine	DP 2333 B3XF	2,795	<b>1,750</b>	1,826	872	4,047	2,164
Deltapine	DP 2414 B3TXF	2,671	<b>1,995</b>	<b>2,134</b>	<b>1,067</b>	4,118	<b>2,797</b>
Dyna-Gro	DG 3615 B3XF	<b>3,137</b>	1,528	1,629	575	<b>4,680</b>	2,026
Dyna-Gro	DG 3799 B3XF	<b>3,007</b>	1,404	1,499	807	4,029	2,440
Dyna-Gro	DG 4434 B3TXF	2,162	1,308	1,897	876	3,938	1,304
Dyna-Gro	DG 4529 B3TXF	2,809	1,597	<b>2,464</b>	924	<b>4,570</b>	2,381
Dyna-Gro	DG H959 B3XF	2,800	1,366	1,706	649	4,222	2,543
NexGen	AMX12502	1,936	534	1,931	<b>1,011</b>	3,598	2,256
NexGen	AMX12507	2,758	<b>1,820</b>	2,041	<b>1,090</b>	3,783	2,170
NexGen	AMX12526	2,523	1,301	1,636	875	3,308	2,075
NexGen	AMX12572	1,799	1,533	1,669	834	3,628	1,791
NexGen	NG 3195 B3XF	<b>2,839</b>	<b>1,822</b>	2,075	<b>1,007</b>	3,986	2,326
NexGen	NG 3457 B3XF	2,031	<b>1,630</b>	1,467	787	3,766	2,032
NexGen	NG 5430 B3XF	2,728	<b>1,708</b>	1,983	<b>1,084</b>	3,814	<b>2,654</b>
PhytoGen	1130F309-04	<b>2,861</b>	<b>1,715</b>	1,966	837	4,163	2,315
PhytoGen	1140F329-04	2,705	<b>1,772</b>	2,077	<b>959</b>	<b>4,739</b>	2,026
PhytoGen	1140F330-04	<b>2,970</b>	<b>1,688</b>	<b>2,363</b>	<b>1,028</b>	4,223	2,094
PhytoGen	1140F331-04	2,718	1,511	1,759	<b>1,048</b>	4,035	2,320
PhytoGen	1150F357-04	2,592	<b>1,738</b>	1,864	<b>970</b>	<b>4,575</b>	2,018
PhytoGen	1150F360-04	2,775	1,520	1,836	<b>1,043</b>	<b>4,580</b>	2,049
PhytoGen	1150F361-04	2,565	1,453	1,846	<b>1,009</b>	<b>4,418</b>	2,273
PhytoGen	PHY 332 W3FE	2,598	<b>1,826</b>	1,809	784	4,281	1,616
PhytoGen	PHY 360 W3FE	2,494	<b>1,682</b>	1,901	923	4,051	2,079
PhytoGen	PHY 400 W3FE	2,690	1,483	1,582	559	4,052	1,761
PhytoGen	PHY 411 W3FE	2,577	<b>1,725</b>	1,836	<b>1,052</b>	4,034	1,675
PhytoGen	PHY 415 W3FE	2,639	1,577	<b>2,200</b>	<b>1,126</b>	3,814	2,276
PhytoGen	PHY 443 W3FE	2,727	<b>1,769</b>	1,881	845	3,974	1,715
PhytoGen	PHY 475 W3FE	2,523	1,346	1,859	<b>1,101</b>	<b>4,694</b>	2,452

<b>Company/Brand Name</b>	<b>Variety</b>	<b>Tifton Irrigated</b>	<b>Tifton Dryland</b>	<b>Plains Irrigated</b>	<b>Plains Dryland</b>	<b>Attapulgus Irrigated</b>	<b>Attapulgus Dryland</b>
PhytoGen	PHY 545 W3FE	<b>2,989</b>	<b>1,770</b>	1,768	943	3,974	1,952
Stoneville	BX 2556AXTP	2,664	<b>1,706</b>	1,572	780	3,980	1,888
Stoneville	BX 2557AXTP	<b>2,851</b>	1,247	1,548	737	<b>4,383</b>	1,927
Stoneville	ST 4833AXTP	<b>2,942</b>	1,111	1,771	716	4,242	2,177
Stoneville	ST 5855AXTP	<b>2,819</b>	<b>1,879</b>	1,465	709	3,940	1,914
Stoneville	ST 5931AXTP	2,733	<b>1,869</b>	1,950	935	4,296	2,127
Stoneville	ST 6000AXTP	<b>2,936</b>	<b>1,755</b>	1,738	<b>966</b>	4,201	2,023

### *Averages and Statistics*

<b>Statistic</b>	<b>Tifton Irrigated</b>	<b>Tifton Dryland</b>	<b>Plains Irrigated</b>	<b>Plains Dryland</b>	<b>Attapulgus Irrigated</b>	<b>Attapulgus Dryland</b>
Mean	2,665	1,579	1,852	906	4,073	2,141
LSD at 10% Level	320	375	358	198	363	229
Model R-Square	0.92	0.72	0.68	0.73	0.72	0.85
C.V.	10.24	20.28	16.48	18.62	7.60	9.13

### *Conventional Strains Seed Cotton Yields in Lbs/Acre*

<b>Company/Brand Name</b>	<b>Variety</b>	<b>Tifton Irrigated</b>	<b>Plains Irrigated</b>
Dyna-Gro	DG 3799 B3XF	<b>3,508</b>	<b>1,927</b>
SSG	UA 114	2,664	1,785
SSG	UA 222	2,546	<b>1,991</b>
SSG	UA 248	2,395	1,861
UGA	GA 2020017	1,957	1,581
UGA	GA 2020023	2,501	<b>2,003</b>
UGA	GA 2020033	2,389	1,607
UGA	GA 2021030	1,975	1,687
UGA	GA 2021034	2,660	<b>1,933</b>
UGA	GA 2021039	2,381	<b>2,146</b>
UGA	GA 2022020	2,353	1,800
UGA	GA 2022049	2,873	1,528

### *Averages and Statistics*

<b>Statistic</b>	<b>Tifton Irrigated</b>	<b>Plains Irrigated</b>
Mean	2,512	1,821
LSD at 10% Level	491	234
Model R-Square	0.89	0.80
C.V.	15.88	10.55

## Summary of Lint Yields

### ----- OVT Lint Yields in Lbs/Acre

<b>Company/Brand Name</b>	<b>Variety</b>	<b>Tifton Irrigated</b>	<b>Tifton Dryland</b>	<b>Plains Irrigated</b>	<b>Plains Dryland</b>	<b>Attapulgus Irrigated</b>	<b>Attapulgus Dryland</b>
Armor	24X951 B3TXF	1,065	<b>786</b>	898	<b>496</b>	1,730	885
Armor	9245 B3TXF	643	380	<b>984</b>	<b>480</b>	1,774	1,033
Armor	9831 B3XF	1,145	661	662	216	<b>1,862</b>	951
Deltapine	23R8029B3XF	<b>1,235</b>	<b>920</b>	863	418	<b>2,017</b>	1,142
Deltapine	23R9143B3TXF	<b>1,177</b>	<b>807</b>	<b>943</b>	<b>454</b>	1,589	972
Deltapine	23R9822B3TXF	973	590	862	<b>508</b>	1,433	782
Deltapine	23R9918B3TXF	993	<b>774</b>	862	394	<b>1,908</b>	838
Deltapine	DP 2038 B3XF	<b>1,205</b>	727	753	312	1,699	943
Deltapine	DP 2115 B3XF	<b>1,212</b>	631	662	326	1,596	1,034
Deltapine	DP 2127 B3XF	1,129	<b>820</b>	880	<b>464</b>	1,575	1,043
Deltapine	DP 2211 B3TXF	<b>1,189</b>	<b>801</b>	681	387	<b>1,865</b>	994
Deltapine	DP 2328 B3TXF	<b>1,203</b>	660	829	<b>506</b>	1,464	956
Deltapine	DP 2333 B3XF	<b>1,193</b>	<b>772</b>	783	374	1,785	941
Deltapine	DP 2414 B3TXF	1,117	<b>896</b>	<b>919</b>	<b>463</b>	1,812	<b>1,246</b>
Dyna-Gro	DG 3615 B3XF	<b>1,294</b>	681	693	238	<b>1,982</b>	854
Dyna-Gro	DG 3799 B3XF	<b>1,236</b>	604	635	355	1,715	1,049
Dyna-Gro	DG 4434 B3TXF	893	610	845	414	1,734	581
Dyna-Gro	DG 4529 B3TXF	1,107	691	<b>1,062</b>	415	<b>1,944</b>	984
Dyna-Gro	DG H959 B3XF	1,085	576	707	271	1,682	1,037
NexGen	AMX12502	792	235	845	<b>477</b>	1,543	1,016
NexGen	AMX12507	1,035	746	794	415	1,514	872
NexGen	AMX12526	1,065	578	704	397	1,433	898
NexGen	AMX12572	750	712	719	370	1,588	811
NexGen	NG 3195 B3XF	1,139	<b>783</b>	872	<b>421</b>	1,670	1,009
NexGen	NG 3457 B3XF	817	725	610	349	1,562	870
NexGen	NG 5430 B3XF	1,134	747	839	<b>479</b>	1,608	1,147
PhytoGen	1130F309-04	1,121	750	824	366	1,712	959
PhytoGen	1140F329-04	1,079	<b>763</b>	893	<b>431</b>	<b>2,002</b>	863
PhytoGen	1140F330-04	1,155	722	<b>1,004</b>	<b>446</b>	1,809	897
PhytoGen	1140F331-04	1,057	655	749	<b>457</b>	1,726	989
PhytoGen	1150F357-04	996	736	787	418	<b>1,918</b>	846
PhytoGen	1150F360-04	1,058	662	790	<b>461</b>	<b>1,865</b>	832
PhytoGen	1150F361-04	995	611	753	<b>435</b>	1,823	939
PhytoGen	PHY 332 W3FE	950	745	743	324	1,689	646
PhytoGen	PHY 360 W3FE	936	745	795	404	1,665	853
PhytoGen	PHY 400 W3FE	1,045	620	669	241	1,707	750
PhytoGen	PHY 411 W3FE	1,013	<b>767</b>	807	<b>459</b>	1,704	751
PhytoGen	PHY 415 W3FE	986	654	<b>920</b>	<b>484</b>	1,583	955
PhytoGen	PHY 443 W3FE	1,053	<b>770</b>	765	372	1,624	694
PhytoGen	PHY 475 W3FE	980	563	788	<b>473</b>	<b>1,909</b>	1,033
PhytoGen	PHY 545 W3FE	<b>1,217</b>	<b>803</b>	779	<b>434</b>	1,710	851
Stoneville	BX 2556AXTP	1,049	741	662	330	1,687	822
Stoneville	BX 2557AXTP	<b>1,197</b>	585	665	327	<b>1,938</b>	859



<b>Company/Brand Name</b>	<b>Variety</b>	<b>Tifton Irrigated</b>	<b>Tifton Dryland</b>	<b>Plains Irrigated</b>	<b>Plains Dryland</b>	<b>Attapulgus Irrigated</b>	<b>Attapulgus Dryland</b>
Stoneville	ST 4833AXTP	1,123	462	727	297	1,731	883
Stoneville	ST 5855AXTP	<b>1,251</b>	<b>841</b>	625	330	1,817	897
Stoneville	ST 5931AXTP	1,090	<b>790</b>	789	395	1,759	890
Stoneville	ST 6000AXTP	<b>1,262</b>	<b>799</b>	787	<b>454</b>	<b>1,876</b>	917

*Averages and Statistics*

<b>Statistic</b>	<b>Tifton Irrigated</b>	<b>Tifton Dryland</b>	<b>Plains Irrigated</b>	<b>Plains Dryland</b>	<b>Attapulgus Irrigated</b>	<b>Attapulgus Dryland</b>
Mean	1,076	694	792	398	1,730	918
LSD at 10% Level	133	164	150	88	155	98
Model R-Square	0.92	0.72	0.69	0.73	0.71	0.85
C.V.	10.56	20.21	16.19	18.80	7.63	9.07

*Conventional Strains Lint Yields in Lbs/Acre*

<b>Company/Brand Name</b>	<b>Variety</b>	<b>Tifton Irrigated</b>	<b>Plains Irrigated</b>
Dyna-Gro	DG 3799 B3XF	<b>1,693</b>	<b>804</b>
SSG	UA 114	1,039	677
SSG	UA 222	1,163	761
SSG	UA 248	956	717
UGA	GA 2020017	846	667
UGA	GA 2020023	1,051	<b>843</b>
UGA	GA 2020033	1,105	686
UGA	GA 2021030	842	666
UGA	GA 2021034	1,217	779
UGA	GA 2021039	1,045	<b>883</b>
UGA	GA 2022020	1,038	730
UGA	GA 2022049	1,276	616

*Averages and Statistics*

<b>Statistic</b>	<b>Tifton Irrigated</b>	<b>Plains Irrigated</b>
Mean	1,102	736
LSD at 10% Level	213	96
Model R-Square	0.91	0.80
C.V.	15.70	10.69

## Summary of Gin Turnout Rates

### ----- OVT Gin Turnout Rates<sup>1</sup>

<b>Company/Brand Name</b>	<b>Variety</b>	<b>Tifton Irrigated</b>	<b>Tifton Dryland</b>	<b>Plains Irrigated</b>	<b>Plains Dryland</b>	<b>Attapulgus Irrigated</b>	<b>Attapulgus Dryland</b>
Armor	24X951 B3TXF	42.7	<b>46.8</b>	<b>44.2</b>	45.4	42.9	43.7
Armor	9245 B3TXF	40.1	44.8	43.6	44.2	44.1	44.5
Armor	9831 B3XF	39.7	44.3	41.2	42.2	41.9	41.7
Deltapine	23R8029B3XF	41.3	<b>46.2</b>	<b>44.1</b>	<b>47.2</b>	<b>44.5</b>	44.6
Deltapine	23R9143B3TXF	42.5	45.5	<b>43.7</b>	<b>45.9</b>	43.6	44.8
Deltapine	23R9822B3TXF	40.9	43.5	43.3	44.0	43.0	43.4
Deltapine	23R9918B3TXF	42.8	<b>45.9</b>	<b>44.0</b>	45.1	43.9	44.2
Deltapine	DP 2038 B3XF	<b>43.8</b>	<b>47.6</b>	<b>44.8</b>	44.8	<b>45.9</b>	<b>46.5</b>
Deltapine	DP 2115 B3XF	41.4	44.5	42.0	43.6	42.5	41.5
Deltapine	DP 2127 B3XF	40.9	44.4	43.5	43.7	41.7	43.2
Deltapine	DP 2211 B3TXF	42.1	44.6	41.7	42.6	43.1	43.1
Deltapine	DP 2328 B3TXF	41.6	43.6	42.1	44.7	42.5	39.5
Deltapine	DP 2333 B3XF	42.6	44.1	42.9	42.9	44.1	43.3
Deltapine	DP 2414 B3TXF	42.0	45.0	43.2	43.4	44.0	44.8
Dyna-Gro	DG 3615 B3XF	41.1	44.4	42.7	45.1	42.4	42.2
Dyna-Gro	DG 3799 B3XF	41.0	43.1	42.4	43.9	42.6	43.1
Dyna-Gro	DG 4434 B3TXF	41.3	<b>46.3</b>	<b>44.7</b>	<b>47.3</b>	44.0	44.3
Dyna-Gro	DG 4529 B3TXF	39.5	43.3	43.0	45.2	42.5	41.2
Dyna-Gro	DG H959 B3XF	38.8	42.3	41.3	41.9	39.8	40.7
NexGen	AMX12502	41.0	43.9	<b>43.7</b>	<b>47.2</b>	42.9	<b>45.2</b>
NexGen	AMX12507	37.5	41.1	39.1	40.5	40.1	40.2
NexGen	AMX12526	42.0	44.5	43.0	45.2	43.4	43.6
NexGen	AMX12572	41.8	<b>46.5</b>	43.1	44.4	43.8	<b>45.2</b>
NexGen	NG 3195 B3XF	40.3	43.0	42.0	41.9	41.8	43.0
NexGen	NG 3457 B3XF	40.2	44.4	41.5	44.3	41.5	42.9
NexGen	NG 5430 B3XF	41.4	43.8	42.4	44.1	42.1	43.6
PhytoGen	1130F309-04	39.0	43.7	41.8	43.7	41.1	41.5
PhytoGen	1140F329-04	39.9	43.1	42.9	44.8	42.3	42.8
PhytoGen	1140F330-04	38.9	42.8	42.4	43.5	42.8	43.0
PhytoGen	1140F331-04	39.1	43.3	42.7	43.6	42.8	42.7
PhytoGen	1150F357-04	38.2	42.4	42.2	43.1	41.9	42.0
PhytoGen	1150F360-04	38.5	43.6	43.0	44.2	40.7	40.9
PhytoGen	1150F361-04	39.0	42.2	40.8	43.1	41.3	40.8
PhytoGen	PHY 332 W3FE	36.4	41.0	41.1	41.3	39.5	40.0
PhytoGen	PHY 360 W3FE	37.7	44.2	41.8	43.8	41.1	40.9
PhytoGen	PHY 400 W3FE	38.9	41.9	42.4	43.2	42.1	42.8
PhytoGen	PHY 411 W3FE	39.4	44.5	<b>43.9</b>	43.8	42.2	44.7
PhytoGen	PHY 415 W3FE	37.5	41.3	41.8	43.1	41.5	41.7
PhytoGen	PHY 443 W3FE	38.2	43.5	40.6	44.0	40.9	40.8
PhytoGen	PHY 475 W3FE	38.8	41.8	42.5	43.0	40.7	41.9
PhytoGen	PHY 545 W3FE	40.6	45.5	<b>44.1</b>	<b>46.0</b>	43.0	43.2

<sup>1</sup> Measured by percentage

<i>Company/Brand Name</i>	<i>Variety</i>	<i>Tifton Irrigated</i>	<i>Tifton Dryland</i>	<i>Plains Irrigated</i>	<i>Plains Dryland</i>	<i>Attapulgus Irrigated</i>	<i>Attapulgus Dryland</i>
Stoneville	BX 2556AXTP	39.3	43.6	42.1	42.3	42.4	43.1
Stoneville	BX 2557AXTP	41.6	44.2	43.0	44.4	44.2	44.6
Stoneville	ST 4833AXTP	38.2	41.7	41.0	41.4	40.8	40.8
Stoneville	ST 5855AXTP	<b>44.4</b>	44.9	42.5	<b>46.3</b>	<b>45.2</b>	<b>47.0</b>
Stoneville	ST 5931AXTP	39.8	42.2	40.5	42.1	41.0	41.6
Stoneville	ST 6000AXTP	<b>43.5</b>	45.5	<b>45.3</b>	<b>47.3</b>	<b>44.7</b>	<b>45.7</b>

*Averages and Statistics*

<i>Statistic</i>	<i>Tifton Irrigated</i>	<i>Tifton Dryland</i>	<i>Plains Irrigated</i>	<i>Plains Dryland</i>	<i>Attapulgus Irrigated</i>	<i>Attapulgus Dryland</i>
Mean	40.4	43.9	42.6	44.0	42.5	42.9
LSD at 10% Level	1.2	1.9	1.6	1.7	1.5	NS
Model R-Square	0.96	0.85	0.77	0.89	0.84	0.86
C.V.	1.74	2.58	2.24	2.29	2.06	2.78

*Conventional Strains Gin Turnout Rate<sup>1</sup>*

<i>Company/Brand Name</i>	<i>Variety</i>	<i>Tifton Irrigated</i>	<i>Plains Irrigated</i>
Dyna-Gro	DG 3799 B3XF	<b>48.1</b>	<b>41.8</b>
SSG	UA 114	39.3	37.9
SSG	UA 222	45.6	38.2
SSG	UA 248	40.2	38.5
UGA	GA 2020017	44.9	<b>42.1</b>
UGA	GA 2020023	43.0	<b>42.2</b>
UGA	GA 2020033	46.0	<b>42.7</b>
UGA	GA 2021030	43.2	39.5
UGA	GA 2021034	<b>46.5</b>	40.2
UGA	GA 2021039	44.7	<b>41.2</b>
UGA	GA 2022020	44.3	40.6
UGA	GA 2022049	44.3	40.3

*Averages and Statistics*

<i>Statistic</i>	<i>Tifton Irrigated</i>	<i>Plains Irrigated</i>
Mean	43.9	40.4
LSD at 10% Level	2.0	1.7
Model R-Square	0.99	0.95
C.V.	1.91	2.15

## Tifton, Georgia: Cotton Variety Performance Results, 2024

### OVT Irrigated Results

<b>Company/ Brand Name</b>	<b>Variety</b>	<b>Lint Yield lb/acre</b>	<b>Seed Cot. Yield lb/acre</b>	<b>Lint<sup>1</sup> %</b>	<b>Micronaire units</b>	<b>Length inches</b>	<b>Strength (g/tex)</b>	<b>Uniformity %</b>	<b>Yellowness<sup>2</sup> grade</b>
Armor	24X951 B3TXF	1,065	2,487	42.7	4.7	1.14	28.0	82.9	7.6
Armor	9245 B3TXF	643	1,604	40.1	3.9	1.13	29.7	82.0	7.3
Armor	9831 B3XF	1,145	<b>2,896</b>	39.7	4.7	1.15	31.0	82.4	7.8
Deltapine	23R8029B3XF	<b>1,235</b>	<b>3,013</b>	41.3	4.9	1.16	32.1	83.1	8.6
Deltapine	23R9143B3TXF	<b>1,177</b>	2,767	42.5	4.8	1.14	29.7	83.0	8.4
Deltapine	23R9822B3TXF	973	2,392	40.9	4.4	1.12	29.1	81.5	7.4
Deltapine	23R9918B3TXF	993	2,295	42.8	4.5	1.13	30.7	82.1	7.0
Deltapine	DP 2038 B3XF	<b>1,205</b>	2,756	<b>43.8</b>	4.7	1.08	29.5	81.7	7.5
Deltapine	DP 2115 B3XF	<b>1,212</b>	<b>2,906</b>	41.4	4.7	1.13	30.2	83.2	7.6
Deltapine	DP 2127 B3XF	1,129	2,730	40.9	4.8	1.10	29.8	83.0	7.9
Deltapine	DP 2211 B3TXF	<b>1,189</b>	<b>2,840</b>	42.1	4.7	1.15	30.1	82.9	7.3
Deltapine	DP 2328 B3TXF	<b>1,203</b>	<b>2,863</b>	41.6	4.6	1.13	29.8	82.2	7.2
Deltapine	DP 2333 B3XF	<b>1,193</b>	2,795	42.6	4.6	1.15	30.1	83.1	7.1
Deltapine	DP 2414 B3TXF	1,117	2,671	42.0	4.5	1.14	29.2	83.3	7.8
Dyna-Gro	DG 3615 B3XF	<b>1,294</b>	<b>3,137</b>	41.1	4.3	1.15	32.0	81.8	8.3
Dyna-Gro	DG 3799 B3XF	<b>1,236</b>	<b>3,007</b>	41.0	4.5	1.14	32.2	82.2	8.4
Dyna-Gro	DG 4434 B3TXF	893	2,162	41.3	4.2	1.16	29.7	81.9	7.7
Dyna-Gro	DG 4529 B3TXF	1,107	2,809	39.5	4.2	1.18	30.6	82.0	8.4
Dyna-Gro	DG H959 B3XF	1,085	2,800	38.8	4.3	1.17	31.7	81.2	8.0
NexGen	AMX12502 B3TXF	792	1,936	41.0	4.0	1.16	29.7	81.0	7.3
NexGen	AMX12507 B3TXF	1,035	2,758	37.5	4.5	1.18	30.7	83.0	7.5
NexGen	AMX12526 B3TXF	1,065	2,523	42.0	4.8	1.14	30.6	84.8	7.8
NexGen	AMX12572 B3TXF	750	1,799	41.8	4.6	1.10	29.2	83.5	7.4
NexGen	NG 3195 B3XF	1,139	<b>2,839</b>	40.3	4.6	1.11	30.2	82.7	7.8
NexGen	NG 3457 B3XF	817	2,031	40.2	4.5	1.13	29.9	82.9	8.3
NexGen	NG 5430 B3XF	1,134	2,728	41.4	4.4	1.18	33.4	82.6	8.2
PhytoGen	1130F309-04	1,121	<b>2,861</b>	39.0	4.4	1.13	30.2	83.1	8.0
PhytoGen	1140F329-04	1,079	2,705	39.9	4.6	1.15	32.0	82.2	8.2
PhytoGen	1140F330-04	1,155	<b>2,970</b>	38.9	4.6	1.13	32.6	83.0	8.0
PhytoGen	1140F331-04	1,057	2,718	39.1	4.7	1.12	32.4	84.2	8.1
PhytoGen	1150F357-04	996	2,592	38.2	4.5	1.11	32.7	84.0	8.3
PhytoGen	1150F360-04	1,058	2,775	38.5	4.6	1.18	33.6	83.8	8.1
PhytoGen	1150F361-04	995	2,565	39.0	4.5	1.18	33.1	83.1	8.3
PhytoGen	PHY 332 W3FE	950	2,598	36.4	4.5	1.16	30.9	83.7	8.6
PhytoGen	PHY 360 W3FE	936	2,494	37.7	4.6	1.13	30.5	82.4	7.5
PhytoGen	PHY 400 W3FE	1,045	2,690	38.9	4.2	1.13	32.1	82.0	7.7
PhytoGen	PHY 411 W3FE	1,013	2,577	39.4	4.7	1.09	30.8	82.2	7.4
PhytoGen	PHY 415 W3FE	986	2,639	37.5	4.5	1.15	32.4	83.4	8.4

<b>Company/ Brand Name</b>	<b>Variety</b>	<b>Lint Yield lb/acre</b>	<b>Seed Cot. Yield lb/acre</b>	<b>Lint<sup>1</sup> %</b>	<b>Micronaire units</b>	<b>Length inches</b>	<b>Strength (g/tex)</b>	<b>Uniformity %</b>	<b>Yellowness<sup>2</sup> grade</b>
PhytoGen	PHY 443 W3FE	1,053	2,727	38.2	4.7	1.11	31.3	83.3	8.5
PhytoGen	PHY 475 W3FE	980	2,523	38.8	4.4	1.14	32.4	82.3	8.0
PhytoGen	PHY 545 W3FE	<b>1,217</b>	<b>2,989</b>	40.6	4.6	1.12	31.5	84.0	8.1
Stoneville	BX 2556AXTP	1,049	2,664	39.3	3.8	1.18	32.1	82.8	7.2
Stoneville	BX 2557AXTP	<b>1,197</b>	<b>2,851</b>	41.6	4.6	1.17	34.8	84.1	7.6
Stoneville	ST 4833AXTP	1,123	<b>2,942</b>	38.2	4.4	1.17	30.9	83.8	8.1
Stoneville	ST 5855AXTP	<b>1,251</b>	<b>2,819</b>	<b>44.4</b>	4.4	1.14	32.4	82.6	7.6
Stoneville	ST 5931AXTP	1,090	2,733	39.8	4.3	1.16	31.4	82.6	8.1
Stoneville	ST 6000AXTP	<b>1,262</b>	<b>2,936</b>	<b>43.5</b>	4.3	1.17	32.6	83.5	7.9

### Averages and Statistics

<b>Statistic</b>	<b>Lint Yield</b>	<b>Seed Cot. Yield</b>	<b>Lint%<sup>1</sup></b>	<b>Micronaire</b>	<b>Length</b>	<b>Strength</b>	<b>Uniformity</b>	<b>Yellowness<sup>2</sup></b>
Mean	1,076	2,665	40.4	4.5	1.14	31.1	82.8	7.9
LSD at 10% Level	133	320	1.2	0.2	0.03	1.2	0.9	0.4
Model R-Square	0.92	0.92	0.96	0.92	0.91	0.93	0.89	0.93
C.V.	10.56	10.24	1.74	2.87	1.3	2.21	0.62	2.87

<sup>1</sup> Determined using table-top research gins

<sup>2</sup> Color Grade (+b)

Fiber-Quality data obtained from USDA classing office in Memphis, Tennessee.

**Bolded** yields are statistically non-significant (p = 10 level) from the highest yielding test entry. OVT entries require tolerance to glyphosate and glufosinate herbicides.

Planted: April 29, 2024  
 Harvested: October 23, 2024  
 Soil Type: Tifton Loamy Sand  
 Previous Crop: Peanut  
 Soil Test: 64.90 P<sub>2</sub>O<sub>5</sub>, 28.20 K<sub>2</sub>O /acre, pH of 5.55

Fertilization:

- Preplant
  - o 75 lb Nitrogen, 10 lb Sulfur, 40 lb P<sub>2</sub>O<sub>5</sub>, 150 lb K<sub>2</sub>O /acre
- Sidedress
  - o 90 lb Nitrogen, 50 lb K<sub>2</sub>O<sub>5</sub>, 10 lb Sulfur/acre

Tillage: Conventional  
 Herbicides: Warrant, Select, MSMA, Diuron, Envoke  
 Fungicides: None  
 Irrigation: 5.50 Inches  
 Insecticides: Bifintherin, Knack

Test conducted by M. Cofield, D. Dunn, and W. Mosteller.

***Conventional Strains Irrigated Results***

<b>Company/ Brand Name</b>	<b>Variety</b>	<b>Lint Yield lb/acre</b>	<b>Seed Cot. Yield lb/acre</b>	<b>Lint<sup>1</sup> %</b>	<b>Micronaire units</b>	<b>Length inches</b>	<b>Strength (g/tex)</b>	<b>Uniformity %</b>	<b>Yellowness<sup>2</sup> grade</b>
Dyna-Gro	DG 3799 B3XF	<b>1,693</b>	<b>3,508</b>	<b>48.1</b>	4.4	1.16	30.5	82.8	8.1
SSG	UA 114	1,039	2,664	39.3	4.1	1.20	31.4	85.4	7.1
SSG	UA 222	1,163	2,546	45.6	4.8	1.25	31.4	85.7	7.9
SSG	UA 248	956	2,395	40.2	4.0	1.21	32.6	84.0	7.5
UGA	GA 2020017	846	1,957	44.9	4.2	1.21	32.9	85.5	7.0
UGA	GA 2020023	1,051	2,501	43.0	-	-	-	-	-
UGA	GA 2020033	1,105	2,389	46.0	4.1	1.21	32.6	83.8	7.3
UGA	GA 2021030	842	1,975	43.2	4.5	1.19	32.5	83.4	7.6
UGA	GA 2021034	1,217	2,660	<b>46.5</b>	4.3	1.20	32.7	83.4	7.2
UGA	GA 2021039	1,045	2,381	44.7	4.5	1.24	30.1	84.8	7.6
UGA	GA 2022020	1,038	2,353	44.3	4.0	1.20	34.2	83.6	7.6
UGA	GA 2022049	1,276	2,873	44.3	4.6	1.18	34.7	84.3	7.8

***Averages and Statistics***

<b>Statistic</b>	<b>Lint Yield</b>	<b>Seed Cot. Yield</b>	<b>Lint<sup>1</sup></b>	<b>Micronaire</b>	<b>Length</b>	<b>Strength</b>	<b>Uniformity</b>	<b>Yellowness<sup>2</sup></b>
Mean	1,102	2,512	43.9	4.3	1.2	38.3	32.3	84.1
LSD at 10% Level	213	491	2.0	NS <sup>3</sup>	0.03	NS	0.5	NS
Model R-Square	0.91	0.89	0.99	0.92	0.78	0.58	1.0	0.50
C.V.	15.70	15.88	1.91	2.71	1.31	4.06	0.09	4.12

<sup>1</sup> Determined using table-top research gins

<sup>2</sup> Color Grade (+b)

<sup>3</sup>“NS” indicates differences are statistically non-significant (p = 0.10 probability level)

Fiber-Quality data obtained from USDA classing office in Memphis, Tennessee.

**Bolded** yields are statistically non-significant (p = 10 level) from the highest yielding test entry.

OVT entries require tolerance to glyphosate and glufosinate herbicides.

Planted: April 29, 2024  
Harvested: October 17, 2024  
Soil Type: Tifton Loamy Sand  
Previous Crop: Peanut  
Soil Test: 64.90 lb P<sub>2</sub>O<sub>5</sub>, 28.20 lb K<sub>2</sub>O/acre, pH of 5.55  
Fertilization:  
- Preplant  
o 75 lb Nitrogen, 10 lb Sulfur, 40 lb P<sub>2</sub>O<sub>5</sub>, 150 lb K<sub>2</sub>O/acre  
- Sidedress  
o 90 lb Nitrogen, 50 lb K<sub>2</sub>O<sub>5</sub>, 10 lb Sulfur  
Tillage: Conventional  
Herbicides: Warrant, Select, MSMA, Diuron, Envoke  
Fungicides: None  
Irrigation: 5.50 Inches  
Insecticides: Bifintherin, Knack

Test conducted by M. Cofield, D. Dunn, and W. Mosteller.

***OVT Dryland Results***

<b>Company/ Brand Name</b>	<b>Variety</b>	<b>Lint Yield lb/acre</b>	<b>Seed Cot. Yield lb/acre</b>	<b>Lint' %</b>	<b>Micronaire units</b>	<b>Length inches</b>	<b>Strength (g/tex)</b>	<b>Uniformity %</b>	<b>Yellowness<sup>2</sup> grade</b>
Armor	24X951 B3TXF	<b>786</b>	<b>1,685</b>	<b>46.8</b>	4.7	1.13	29.2	83.5	7.5
Armor	9245 B3TXF	380	849	44.8	-	-	-	-	
Armor	9831 B3XF	661	1,493	44.3	5.0	1.20	32.2	85.0	7.2
Deltapine	23R8029B3XF	<b>920</b>	<b>1,999</b>	<b>46.2</b>	4.9	1.12	31.0	82.5	8.5
Deltapine	23R9143B3TXF	<b>807</b>	<b>1,776</b>	45.5	-	-	-	-	-
Deltapine	23R9822B3TXF	590	1,354	43.5	-	-	-	-	-
Deltapine	23R9918B3TXF	<b>774</b>	<b>1,691</b>	<b>45.9</b>	4.5	1.12	29.6	83.7	7.3
Deltapine	DP 2038 B3XF	727	1,534	<b>47.6</b>	5.0	1.07	30.0	81.8	7.6
Deltapine	DP 2115 B3XF	631	1,412	44.5	4.7	1.08	29.0	83.3	8.1
Deltapine	DP 2127 B3XF	<b>820</b>	<b>1,843</b>	44.4	5.1	1.11	30.0	84.1	7.5
Deltapine	DP 2211 B3TXF	<b>801</b>	<b>1,794</b>	44.6	4.7	1.13	27.8	81.8	7.3
Deltapine	DP 2328 B3TXF	660	1,517	43.6	4.7	1.18	30.1	83.8	6.6
Deltapine	DP 2333 B3XF	<b>772</b>	<b>1,750</b>	44.1	4.8	1.12	28.6	84.1	7.3
Deltapine	DP 2414 B3TXF	<b>896</b>	<b>1,995</b>	45.0	4.5	1.12	27.2	83.6	7.8
Dyna-Gro	DG 3615 B3XF	681	1,528	44.4	-	-	-	-	-
Dyna-Gro	DG 3799 B3XF	604	1,404	43.1	4.2	1.14	31.9	82.3	7.7
Dyna-Gro	DG 4434 B3TXF	610	1,308	<b>46.3</b>	4.5	1.17	28.9	84.4	8.3
Dyna-Gro	DG 4529 B3TXF	691	1,597	43.3	4.2	1.16	29.2	83.5	8.0
Dyna-Gro	DG H959 B3XF	576	1,366	42.3	4.5	1.18	33.1	84.4	8.0
NexGen	AMX12502 B3TXF	235	534	43.9	-	-	-	-	-
NexGen	AMX12507 B3TXF	746	<b>1,820</b>	41.1	4.2	1.18	31.5	84.0	7.9
NexGen	AMX12526 B3TXF	578	1,301	44.5	4.8	1.14	30.7	85.2	8.4
NexGen	AMX12572 B3TXF	712	1,533	<b>46.5</b>	4.9	1.12	27.1	83.1	7.1
NexGen	NG 3195 B3XF	<b>783</b>	<b>1,822</b>	43.0	4.4	1.11	29.1	84.5	8.3
NexGen	NG 3457 B3XF	725	<b>1,630</b>	44.4	4.7	1.14	29.3	84.2	8.5
NexGen	NG 5430 B3XF	747	<b>1,708</b>	43.8	4.3	1.15	31.8	82.8	8.3
PhytoGen	1130F309-04	750	<b>1,715</b>	43.7	4.7	1.12	31.5	83.8	8.0
PhytoGen	1140F329-04	<b>763</b>	<b>1,772</b>	43.1	4.6	1.14	32.1	84.6	8.1
PhytoGen	1140F330-04	722	<b>1,688</b>	42.8	4.4	1.14	32.4	84.1	7.3
PhytoGen	1140F331-04	655	1,511	43.3	4.5	1.13	33.2	84.8	8.1
PhytoGen	1150F357-04	736	<b>1,738</b>	42.4	4.7	1.13	33.4	84.5	8.1
PhytoGen	1150F360-04	662	1,520	43.6	4.2	1.17	34.2	84.4	8.6
PhytoGen	1150F361-04	611	1,453	42.2	4.2	1.14	29.9	82.7	8.1
PhytoGen	PHY 332 W3FE	745	<b>1,826</b>	41.0	4.6	1.19	32.1	83.9	7.4
PhytoGen	PHY 360 W3FE	745	<b>1,682</b>	44.2	4.8	1.12	27.8	83.5	7.4
PhytoGen	PHY 400 W3FE	620	1,483	41.9	4.8	1.14	29.3	82.8	8.6
PhytoGen	PHY 411 W3FE	<b>767</b>	<b>1,725</b>	44.5	4.6	1.11	31.3	83.4	7.5
PhytoGen	PHY 415 W3FE	654	1,577	41.3	4.4	1.14	29.8	84.0	7.6
PhytoGen	PHY 443 W3FE	<b>770</b>	<b>1,769</b>	43.5	4.6	1.10	30.0	83.8	8.6
PhytoGen	PHY 475 W3FE	563	1,346	41.8	4.7	1.09	31.4	81.8	8.2
PhytoGen	PHY 545 W3FE	<b>803</b>	<b>1,770</b>	45.5	4.7	1.12	31.4	84.3	7.9
Stoneville	BX 2556AXTP	741	<b>1,706</b>	43.6	4.2	1.20	32.0	83.6	6.2

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint <sup>1</sup> %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness <sup>2</sup> grade
Stoneville	BX 2557AXTP	585	1,247	44.2	-	-	-	-	-
Stoneville	ST 4833AXTP	462	1,111	41.7	4.6	1.16	30.3	84.1	7.7
Stoneville	ST 5855AXTP	<b>841</b>	<b>1,879</b>	44.9	4.4	1.13	29.9	82.5	7.4
Stoneville	ST 5931AXTP	<b>790</b>	<b>1,869</b>	42.2	4.4	1.18	29.4	83.6	7.5
Stoneville	ST 6000AXTP	<b>799</b>	<b>1,755</b>	45.5	4.3	1.18	31.6	85.8	8.0

### Averages and Statistics

Statistic	Lint Yield	Seed Cot. Yield	Lint% <sup>1</sup>	Micronaire	Length	Strength	Uniformity	Yellowness <sup>2</sup>
Mean	694	1,579	43.9	4.6	1.14	30.5	83.7	7.8
LSD at 10% Level	164	375	1.9	NS <sup>3</sup>	NS	NS	3.1	NS
Model R-Square	0.72	0.72	0.84	0.66	0.68	0.67	0.41	0.94
C.V.	20.21	20.28	2.57	4.45	1.18	4.18	1.25	1.73

<sup>1</sup> Determined using the table-top research gins.

<sup>2</sup> Color Grade (+b)

<sup>3</sup> "NS" indicates differences are statistically non-significant (p = 0.10 probability level)

Fiber-Quality data obtained from USDA classing office in Memphis, Tennessee.

**Bolded** yields are statistically non-significant (p = 10 level) from the highest yielding test entry. OVT entries require tolerance to glyphosate and glufosinate herbicides.

Planted: April 29, 2024  
Harvested: October 17, 2024  
Soil Type: Tifton Loamy Sand  
Previous Crop: Peanut  
Soil Test: 53.20 lb P<sub>2</sub>O<sub>5</sub>, 62.60 lb K<sub>2</sub>O/acre, pH of 6.36  
Fertilization:  
- Preplant  
o 75 lb Nitrogen, 10 lb Sulfur, 60 lb P<sub>2</sub>O<sub>5</sub>, 120 lb K<sub>2</sub>O/acre  
- Sidedress  
o 90 lb Nitrogen, 50 lb K<sub>2</sub>O<sub>5</sub>, 10 lb Sulfur/acre  
Tillage: Conventional  
Herbicides: Warrant, Select, MSMA, Diuron, Envoke  
Fungicides: None  
Irrigation: None  
Insecticides: Bifintherin, Knack

Test conducted by M. Cofield, D. Dunn, W. Mosteller.



## Plains, Georgia: Cotton Variety Performance Results, 2024

### OVT Irrigated Results

<b>Company/ Brand Name</b>	<b>Variety</b>	<b>Lint Yield lb/acre</b>	<b>Seed Cot. Yield lb/acre</b>	<b>Lint<sup>1</sup> %</b>	<b>Micronaire units</b>	<b>Length inches</b>	<b>Strength (g/tex)</b>	<b>Uniformity %</b>	<b>Yellowness<sup>2</sup> grade</b>
Armor	24X951 B3TXF	898	2,029	<b>44.2</b>	4.0	1.10	27.7	81.2	7.5
Armor	9245 B3TXF	<b>984</b>	<b>2,255</b>	43.6	3.8	1.12	29.1	80.3	7.4
Armor	9831 B3XF	662	1,604	41.2	4.7	1.10	31.3	81.2	8.5
Deltapine	23R8029B3XF	863	1,958	<b>44.1</b>	4.7	1.11	31.3	81.8	9.0
Deltapine	23R9143B3TXF	<b>943</b>	<b>2,165</b>	<b>43.7</b>	4.2	1.11	30.4	81.9	8.6
Deltapine	23R9822B3TXF	862	1,988	43.3	3.8	1.09	26.4	81.0	7.5
Deltapine	23R9918B3TXF	862	1,962	<b>44.0</b>	4.2	1.10	28.4	80.9	7.2
Deltapine	DP 2038 B3XF	753	1,683	<b>44.8</b>	4.5	1.06	29.4	80.5	8.3
Deltapine	DP 2115 B3XF	662	1,577	42.0	4.6	1.06	28.3	81.4	8.8
Deltapine	DP 2127 B3XF	880	2,024	43.5	4.6	1.08	27.6	81.5	7.9
Deltapine	DP 2211 B3TXF	681	1,632	41.7	4.2	1.09	27.5	81.6	8.0
Deltapine	DP 2328 B3TXF	829	1,972	42.1	4.2	1.11	29.1	81.1	7.3
Deltapine	DP 2333 B3XF	783	1,826	42.9	4.5	1.08	29.3	80.8	7.6
Deltapine	DP 2414 B3TXF	<b>919</b>	<b>2,134</b>	43.2	3.8	1.10	28.0	80.8	7.7
Dyna-Gro	DG 3615 B3XF	693	1,629	42.7	4.3	1.11	29.6	79.9	8.9
Dyna-Gro	DG 3799 B3XF	635	1,499	42.4	4.3	1.13	30.0	80.4	8.9
Dyna-Gro	DG 4434 B3TXF	845	1,897	<b>44.7</b>	4.1	1.09	27.1	79.3	8.1
Dyna-Gro	DG 4529 B3TXF	<b>1,062</b>	<b>2,464</b>	43.0	3.8	1.11	27.6	78.4	8.5
Dyna-Gro	DG H959 B3XF	707	1,706	41.3	4.2	1.14	30.0	80.1	8.5
NexGen	AMX12502 B3TXF	845	1,931	<b>43.7</b>	4.2	1.15	28.9	79.9	8.2
NexGen	AMX12507 B3TXF	794	2,041	39.1	3.7	1.14	28.3	81.5	8.1
NexGen	AMX12526 B3TXF	704	1,636	43.0	4.4	1.08	28.2	80.5	8.9
NexGen	AMX12572 B3TXF	719	1,669	43.1	4.4	1.04	27.1	82.4	8.3
NexGen	NG 3195 B3XF	872	2,075	42.0	4.3	1.08	29.1	82.0	7.7
NexGen	NG 3457 B3XF	610	1,467	41.5	3.9	1.12	27.4	80.9	8.7
NexGen	NG 5430 B3XF	839	1,983	42.4	4.4	1.14	30.4	80.8	8.1
PhytoGen	1130F309-04	824	1,966	41.8	4.1	1.11	31.4	82.9	8.5
PhytoGen	1140F329-04	893	2,077	42.9	4.1	1.10	30.0	81.1	8.4
PhytoGen	1140F330-04	<b>1,004</b>	<b>2,363</b>	42.4	4.0	1.06	28.7	81.3	8.4
PhytoGen	1140F331-04	749	1,759	42.7	4.0	1.10	30.3	82.3	8.3
PhytoGen	1150F357-04	787	1,864	42.2	4.1	1.07	28.9	80.9	8.8
PhytoGen	1150F360-04	790	1,836	43.0	4.3	1.12	32.0	82.3	8.5
PhytoGen	1150F361-04	753	1,846	40.8	4.1	1.10	30.8	81.3	8.7
PhytoGen	PHY 332 W3FE	743	1,809	41.1	4.0	1.14	30.4	80.6	8.9
PhytoGen	PHY 360 W3FE	795	1,901	41.8	4.1	1.08	28.3	79.7	7.8
PhytoGen	PHY 400 W3FE	669	1,582	42.4	3.6	1.08	31.4	80.4	8.6
PhytoGen	PHY 411 W3FE	807	1,836	<b>43.9</b>	4.1	1.09	29.0	81.3	8.5
PhytoGen	PHY 415 W3FE	<b>920</b>	<b>2,200</b>	41.8	4.2	1.11	31.2	81.4	8.4

<b>Company/ Brand Name</b>	<b>Variety</b>	<b>Lint Yield lb/acre</b>	<b>Seed Cot. Yield lb/acre</b>	<b>Lint<sup>1</sup> %</b>	<b>Micronaire units</b>	<b>Length inches</b>	<b>Strength (g/tex)</b>	<b>Uniformity %</b>	<b>Yellowness<sup>2</sup> grade</b>
PhytoGen	PHY 443 W3FE	765	1,881	40.6	3.8	1.06	30.2	81.8	8.9
PhytoGen	PHY 475 W3FE	788	1,859	42.5	4.0	1.10	32.8	80.8	8.1
PhytoGen	PHY 545 W3FE	779	1,768	<b>44.1</b>	4.3	1.06	30.5	81.2	8.4
Stoneville	BX 2556AXTP	662	1,572	42.1	3.6	1.12	30.3	80.2	7.5
Stoneville	BX 2557AXTP	665	1,548	43.0	4.3	1.10	31.7	81.1	8.3
Stoneville	ST 4833AXTP	727	1,771	41.0	4.2	1.11	29.8	81.6	8.2
Stoneville	ST 5855AXTP	625	1,465	42.5	4.0	1.12	30.8	80.8	8.1
Stoneville	ST 5931AXTP	789	1,950	40.5	3.7	1.14	30.0	82.1	8.1
Stoneville	ST 6000AXTP	787	1,738	<b>45.3</b>	4.0	1.11	31.8	81.2	8.3

### Averages and Statistics

<b>Statistic</b>	<b>Lint Yield</b>	<b>Seed Cot. Yield</b>	<b>Lint%<sup>1</sup></b>	<b>Micronaire</b>	<b>Length</b>	<b>Strength</b>	<b>Uniformity</b>	<b>Yellowness<sup>2</sup></b>
Mean	792	1,852	42.6	4.1	1.1	29.5	81	8.3
LSD at 10% Level	150	358	1.6	0.2	0.04	1.8	1.6	0.59
Model R-Square	0.69	0.68	0.77	0.95	0.76	0.80	0.74	0.85
C.V.	16.19	16.48	2.24	2.69	2.26	3.66	1.14	4.20

<sup>1</sup> Determined using the table-top research gins.

<sup>2</sup> Color Grade (+b)

Fiber-Quality data obtained from USDA classing office in Memphis, Tennessee.

**Bolded** yields are statistically non-significant (p = 10 level) from the highest yielding test entry. OVT entries require tolerance to glyphosate and glufosinate herbicides.

Planted: May 3, 2024  
Harvested: October 31, 2024  
Soil Type: Greenville Sandy Clay Loam  
Previous Crop: Soybeans  
Soil Test: 51.00 lb P<sub>2</sub>O<sub>5</sub>, 238.00 lb K<sub>2</sub>O/acre, pH of 6.20  
Fertilization:  
– Preplant  
    o No Nitrogen, 10 lb Sulfur, 70 lb P<sub>2</sub>O<sub>5</sub> /acre, No K<sub>2</sub>O  
– Sidedress  
    o 105 lb Nitrogen/acre, No K<sub>2</sub>O<sub>5</sub>, No Sulfur  
Tillage: Conventional  
Herbicides: Diuron, MSMA, Reflex, Roundup, Staple  
Fungicides: None  
Irrigation: 10.00 Inches  
Insecticides: Bidrin

Test conducted by M. Cofield, D. Dunn, and W. Mosteller.

Conventional Strains Irrigated Results

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint <sup>1</sup> %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness <sup>2</sup> grade
Dyna-Gro	DG 3799 B3XF	<b>804</b>	<b>1,927</b>	<b>41.8</b>	4.2	1.14	28.8	81.2	9.2
SSG	UA 114	677	1,785	37.9	5.0	1.08	29.5	84.7	9.0
SSG	UA 222	761	<b>1,991</b>	38.2	4.6	1.14	29.5	83.1	8.5
SSG	UA 248	717	1,861	38.5	4.5	1.11	29.8	81.2	9.1
UGA	GA 2020017	667	1,581	<b>42.1</b>	4.6	1.19	31.1	83.2	8.3
UGA	GA 2020023	<b>843</b>	<b>2,003</b>	<b>42.2</b>	4.3	1.18	30.3	82.6	9.0
UGA	GA 2020033	686	1,607	<b>42.7</b>	4.4	1.14	30.7	83.1	8.5
UGA	GA 2021030	666	1,687	39.5	4.3	1.08	28.7	81.8	9.7
UGA	GA 2021034	779	<b>1,933</b>	40.2	4.1	1.16	29.4	83.6	8.8
UGA	GA 2021039	<b>883</b>	<b>2,146</b>	<b>41.2</b>	4.3	1.14	29.3	81.6	8.9
UGA	GA 2022020	730	1,800	40.6	4.0	1.11	30.0	82.0	9.1
UGA	GA 2022049	616	1,528	40.3	4.0	1.12	29.7	83.3	9.4

Averages and Statistics

Statistic	Lint Yield	Seed Cot. Yield	Lint% <sup>1</sup>	Micronaire	Length	Strength	Uniformity	Yellowness <sup>2</sup>
Mean	736	1,821	40.4	4.4	1.13	29.8	82.6	8.9
LSD at 10% Level	96	234	1.7	0.2	NS	NS	1.2	NS
Model R-Square	0.80	0.80	0.95	0.98	0.80	0.82	0.94	0.71
C.V.	10.69	10.55	2.15	1.99	2.19	2.90	0.70	4.14

<sup>1</sup> Determined using the table-top research gins.

<sup>2</sup> Color Grade (+b)

<sup>3</sup> "NS" indicates differences are statistically non-significant (p = 0.10 probability level)

Fiber-Quality data obtained from USDA classing office in Memphis, Tennessee.

**Bolded** yields are statistically non-significant (p = 10 level) from the highest yielding test entry.

OVT entries require tolerance to glyphosate and glufosinate herbicides.

Planted: May 3, 2024  
Harvested: October 30, 2024  
Soil Type: Greenville Sandy Clay Loam  
Previous Crop: Soybeans  
Soil Test: 51.00 lb P<sub>2</sub>O<sub>5</sub>, 238.00 lb K<sub>2</sub>O/acre, pH of 6.2.0  
Fertilization:  
- Preplant  
o No Nitrogen, 10 lb Sulfur, 70 lb P<sub>2</sub>O<sub>5</sub>/acre, No K<sub>2</sub>O  
- Sidedress  
o 105 lb Nitrogen/acre, No K<sub>2</sub>O<sub>5</sub>, No Sulfur  
Tillage: Conventional  
Herbicides: Staple, Diuron, MSMA, Reflex  
Irrigation: 10.00 Inches  
Insecticides: Bidrin

Test conducted by M. Cofield, D. Dunn, and W. Mosteller.

***OVT Dryland Results***

<b>Company/ Brand Name</b>	<b>Variety</b>	<b>Lint Yield lb/acre</b>	<b>Seed Cot. Yield lb/acre</b>	<b>Lint<sup>1</sup> %</b>	<b>Micronaire units</b>	<b>Length inches</b>	<b>Strength (g/tex)</b>	<b>Uniformity %</b>	<b>Yellowness<sup>2</sup> grade</b>
Armor	24X951 B3TXF	<b>496</b>	<b>1,091</b>	45.4	3.9	1.09	27.0	81.9	8.5
Armor	9245 B3TXF	<b>480</b>	<b>1,081</b>	44.2	3.5	1.14	29.7	82.7	8.1
Armor	9831 B3XF	216	510	42.2	4.4	1.07	29.5	81.2	9.7
Deltapine	23R8029B3XF	418	887	<b>47.2</b>	4.3	1.11	28.2	82.9	10.0
Deltapine	23R9143B3TXF	<b>454</b>	<b>990</b>	<b>45.9</b>	4.1	1.10	27.8	83.4	10.0
Deltapine	23R9822B3TXF	<b>508</b>	<b>1,155</b>	44.0	3.8	1.06	26.4	80.0	9.1
Deltapine	23R9918B3TXF	394	876	45.1	3.6	1.08	27.5	81.5	8.5
Deltapine	DP 2038 B3XF	312	695	44.8	4.1	1.04	27.3	80.2	9.3
Deltapine	DP 2115 B3XF	326	748	43.6	4.4	1.09	28.1	81.8	9.8
Deltapine	DP 2127 B3XF	<b>464</b>	<b>1,059</b>	43.7	4.0	1.10	27.1	81.5	9.3
Deltapine	DP 2211 B3TXF	387	909	42.6	3.9	1.06	28.0	82.2	10.1
Deltapine	DP 2328 B3TXF	<b>506</b>	<b>1,129</b>	44.7	3.6	1.11	26.5	80.8	8.2
Deltapine	DP 2333 B3XF	374	872	42.9	3.9	1.04	25.4	80.4	9.1
Deltapine	DP 2414 B3TXF	<b>463</b>	<b>1,067</b>	43.4	4.0	1.11	27.1	82.3	9.0
Dyna-Gro	DG 3615 B3XF	238	575	45.1	3.8	1.11	26.3	80.8	9.7
Dyna-Gro	DG 3799 B3XF	355	807	43.9	3.7	1.12	27.1	80.3	9.5
Dyna-Gro	DG 4434 B3TXF	414	876	<b>47.3</b>	4.0	1.08	24.4	80.0	9.4
Dyna-Gro	DG 4529 B3TXF	415	924	45.2	3.6	1.09	26.9	80.1	9.2
Dyna-Gro	DG H959 B3XF	271	649	41.9	3.8	1.13	26.5	80.4	9.6
NexGen	AMX12502 B3TXF	<b>477</b>	<b>1,011</b>	<b>47.2</b>	3.7	1.15	26.7	80.6	8.8
NexGen	AMX12507 B3TXF	415	<b>1,090</b>	40.5	3.2	1.13	26.5	81.4	9.1
NexGen	AMX12526 B3TXF	397	875	45.2	4.3	1.08	27.0	81.0	10.2
NexGen	AMX12572 B3TXF	370	834	44.4	3.9	1.04	25.7	80.9	9.4
NexGen	NG 3195 B3XF	<b>421</b>	<b>1,007</b>	41.9	3.8	1.05	26.3	81.1	9.5
NexGen	NG 3457 B3XF	349	787	44.3	3.8	1.08	26.7	80.3	10.3
NexGen	NG 5430 B3XF	<b>479</b>	<b>1,084</b>	44.1	3.9	1.13	27.2	81.4	9.7
PhytoGen	1130F309-04	366	837	43.7	4.2	1.08	27.4	82.8	10.4
PhytoGen	1140F329-04	<b>431</b>	<b>959</b>	44.8	3.8	1.11	28.7	81.7	9.4
PhytoGen	1140F330-04	<b>446</b>	<b>1,028</b>	43.5	3.8	1.10	27.2	80.8	10.0
PhytoGen	1140F331-04	<b>457</b>	<b>1,048</b>	43.6	4.0	1.10	28.4	82.4	9.4
PhytoGen	1150F357-04	418	<b>970</b>	43.1	3.9	1.08	29.4	82.6	9.7
PhytoGen	1150F360-04	<b>461</b>	<b>1,043</b>	44.2	3.8	1.13	28.3	80.8	9.9
PhytoGen	1150F361-04	<b>435</b>	<b>1,009</b>	43.1	3.7	1.11	29.5	81.2	10.1
PhytoGen	PHY 332 W3FE	324	784	41.3	3.4	1.14	28.6	81.1	10.3
PhytoGen	PHY 360 W3FE	404	923	43.8	4.1	1.08	26.3	80.8	9.5
PhytoGen	PHY 400 W3FE	241	559	43.2	3.5	1.11	28.3	81.6	9.6
PhytoGen	PHY 411 W3FE	<b>459</b>	<b>1,052</b>	43.8	3.7	1.05	27.9	81.2	9.2
PhytoGen	PHY 415 W3FE	<b>484</b>	<b>1,126</b>	43.1	3.7	1.12	29.9	81.7	9.8
PhytoGen	PHY 443 W3FE	372	845	44.0	3.8	1.09	28.6	82.0	9.8
PhytoGen	PHY 475 W3FE	<b>473</b>	<b>1,101</b>	43.0	4.1	1.10	30.1	82.4	9.4
PhytoGen	PHY 545 W3FE	<b>434</b>	943	<b>46.0</b>	3.8	1.03	26.6	81.2	9.7

<b>Company/ Brand Name</b>	<b>Variety</b>	<b>Lint Yield lb/acre</b>	<b>Seed Cot. Yield lb/acre</b>	<b>Lint<sup>1</sup> %</b>	<b>Micronaire units</b>	<b>Length inches</b>	<b>Strength (g/tex)</b>	<b>Uniformity %</b>	<b>Yellowness<sup>2</sup> grade</b>
Stoneville	BX 2556AXTP	330	780	42.3	4.3	1.12	30.4	82.9	9.5
Stoneville	BX 2557AXTP	327	737	44.4	-	-	-	-	-
Stoneville	ST 4833AXTP	297	716	41.4	3.7	1.09	25.4	82.4	9.5
Stoneville	ST 5855AXTP	330	709	<b>46.3</b>	3.8	1.10	29.5	81.7	9.0
Stoneville	ST 5931AXTP	395	935	42.1	3.4	1.13	28.4	82.5	9.5
Stoneville	ST 6000AXTP	<b>454</b>	<b>966</b>	<b>47.3</b>	3.6	1.11	28.0	81.5	10.1

### Averages and Statistics

<b>Statistic</b>	<b>Lint Yield</b>	<b>Seed Cot. Yield</b>	<b>Lint%<sup>1</sup></b>	<b>Micronaire</b>	<b>Length</b>	<b>Strength</b>	<b>Uniformity</b>	<b>Yellowness<sup>2</sup></b>
Mean	398	906	44.0	3.9	1.09	27.6	81.4	9.5
LSD at 10% Level	88	198	1.7	0.4	0.04	2.2	1.4	0.6
Model R-Square	0.73	0.73	0.89	0.87	0.77	0.73	0.72	0.90
C.V.	18.80	18.62	2.29	5.29	2.12	4.65	1.01	3.72

<sup>1</sup> Determined using the table-top research gins.

<sup>2</sup> Color Grade (+b)

Fiber-Quality data obtained from USDA classing office in Memphis, Tennessee.

**Bolded** yields are statistically non-significant (p = 10 level) from the highest yielding test entry. OVT entries require tolerance to glyphosate and glufosinate herbicides.

Planted: May 3, 2024  
Harvested: October 30, 2024  
Soil Type: Greenville Sandy Clay Loam  
Previous Crop: Soybeans  
Soil Test: 51.00 lb P<sub>2</sub>O<sub>5</sub>, 238.00 K<sub>2</sub>O/acre, pH of 6.20  
Fertilization:  
- Preplant  
o No Nitrogen, 10 lb Sulfur, 70 lb P<sub>2</sub>O<sub>5</sub> /acre, No K<sub>2</sub>O  
- Sidedress  
o 105 lb Nitrogen/acre, No K<sub>2</sub>O<sub>5</sub>, No Sulfur  
Tillage: Conventional  
Herbicides: Diuron, MSMA, Reflex, Roundup, Staple  
Fungicides: None  
Irrigation: None  
Insecticides: Bidrin

Test conducted by M. Cofield, D. Dunn, and W. Mosteller.

# Attapulugus, Georgia: Cotton Variety Performance Results, 2024

## OVT Irrigated Results

<b>Company/ Brand Name</b>	<b>Variety</b>	<b>Lint Yield lb/acre</b>	<b>Seed Cot. Yield lb/acre</b>	<b>Lint<sup>1</sup> %</b>	<b>Micronaire units</b>	<b>Length inches</b>	<b>Strength (g/tex)</b>	<b>Uniformity %</b>	<b>Yellowness<sup>2</sup> grade</b>
Armor	24X951 B3TXF	1,730	4,030	42.9	4.3	1.12	27.8	81.7	6.0
Armor	9245 B3TXF	1,774	4,024	44.1	3.7	1.10	29.3	81.9	5.8
Armor	9831 B3XF	<b>1,862</b>	<b>4,446</b>	41.9	4.7	1.07	29.0	80.6	6.1
Deltapine	23R8029B3XF	<b>2,017</b>	<b>4,527</b>	<b>44.5</b>	5.0	1.15	32.0	84.0	6.5
Deltapine	23R9143B3TXF	1,589	3,642	43.6	4.7	1.12	28.8	82.8	6.7
Deltapine	23R9822B3TXF	1,433	3,329	43.0	4.6	1.11	28.0	82.2	6.0
Deltapine	23R9918B3TXF	<b>1,908</b>	4,342	43.9	4.3	1.09	28.1	81.3	6.0
Deltapine	DP 2038 B3XF	1,699	3,698	<b>45.9</b>	4.8	1.05	27.3	80.5	6.2
Deltapine	DP 2115 B3XF	1,596	3,755	42.5	4.9	1.09	28.7	82.6	6.6
Deltapine	DP 2127 B3XF	1,575	3,777	41.7	5.1	1.05	28.0	82.3	6.5
Deltapine	DP 2211 B3TXF	<b>1,865</b>	4,328	43.1	4.8	1.09	28.3	80.9	5.5
Deltapine	DP 2328 B3TXF	1,464	3,441	42.5	4.2	1.10	28.7	81.8	5.7
Deltapine	DP 2333 B3XF	1,785	4,047	44.1	4.9	1.07	28.4	81.8	5.8
Deltapine	DP 2414 B3TXF	1,812	4,118	44.0	4.6	1.12	28.7	82.6	6.6
Dyna-Gro	DG 3615 B3XF	<b>1,982</b>	<b>4,680</b>	42.4	4.6	1.12	30.5	82.4	7.0
Dyna-Gro	DG 3799 B3XF	1,715	4,029	42.6	4.5	1.13	29.6	81.3	6.6
Dyna-Gro	DG 4434 B3TXF	1,734	3,938	44.0	4.0	1.13	28.6	81.6	6.6
Dyna-Gro	DG 4529 B3TXF	<b>1,944</b>	<b>4,570</b>	42.5	4.1	1.10	28.9	80.5	6.5
Dyna-Gro	DG H959 B3XF	1,682	4,222	39.8	4.3	1.16	31.9	81.8	6.7
NexGen	AMX12502 B3TXF	1,543	3,598	42.9	4.3	1.13	28.2	81.5	5.8
NexGen	AMX12507 B3TXF	1,514	3,783	40.1	4.2	1.15	28.9	82.3	6.0
NexGen	AMX12526 B3TXF	1,433	3,308	43.4	5.0	1.12	30.1	83.7	6.3
NexGen	AMX12572 B3TXF	1,588	3,628	43.8	4.9	1.10	28.1	82.5	6.1
NexGen	NG 3195 B3XF	1,670	3,986	41.8	4.7	1.08	29.1	83.2	6.2
NexGen	NG 3457 B3XF	1,562	3,766	41.5	4.4	1.14	29.0	83.0	7.1
NexGen	NG 5430 B3XF	1,608	3,814	42.1	4.8	1.15	29.5	82.6	6.3
PhytoGen	1130F309-04	1,712	4,163	41.1	4.4	1.09	30.4	82.0	6.6
PhytoGen	1140F329-04	<b>2,002</b>	<b>4,739</b>	42.3	4.9	1.12	31.5	82.4	6.3
PhytoGen	1140F330-04	1,809	4,223	42.8	4.4	1.14	31.6	83.1	5.8
PhytoGen	1140F331-04	1,726	4,035	42.8	4.2	1.14	33.0	83.0	6.3
PhytoGen	1150F357-04	<b>1,918</b>	<b>4,575</b>	41.9	4.4	1.10	32.0	83.0	7.0
PhytoGen	1150F360-04	<b>1,865</b>	<b>4,580</b>	40.7	4.6	1.16	32.1	83.6	6.5
PhytoGen	1150F361-04	1,823	<b>4,418</b>	41.3	4.4	1.16	34.0	83.6	6.6
PhytoGen	PHY 332 W3FE	1,689	4,281	39.5	4.6	1.13	31.2	82.6	6.9
PhytoGen	PHY 360 W3FE	1,665	4,051	41.1	4.6	1.11	28.9	82.4	6.1
PhytoGen	PHY 400 W3FE	1,707	4,052	42.1	4.1	1.13	31.6	82.0	6.2
PhytoGen	PHY 411 W3FE	1,704	4,034	42.2	4.8	1.05	29.2	82.0	5.9
PhytoGen	PHY 415 W3FE	1,583	3,814	41.5	4.6	1.16	32.2	83.4	6.7

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint <sup>1</sup> %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness <sup>2</sup> grade
PhytoGen	PHY 443 W3FE	1,624	3,974	40.9	4.5	1.11	31.0	83.3	7.0
PhytoGen	PHY 475 W3FE	<b>1,909</b>	<b>4,694</b>	40.7	4.5	1.08	30.7	81.7	6.3
PhytoGen	PHY 545 W3FE	1,710	3,974	43.0	4.6	1.10	30.3	83.1	6.3
Stoneville	BX 2556AXTP	1,687	3,980	42.4	4.4	1.15	31.2	82.1	5.7
Stoneville	BX 2557AXTP	<b>1,938</b>	<b>4,383</b>	44.2	4.7	1.14	32.7	83.4	6.1
Stoneville	ST 4833AXTP	1,731	4,242	40.8	4.3	1.12	29.5	82.9	6.2
Stoneville	ST 5855AXTP	1,817	3,940	<b>45.2</b>	4.3	1.10	31.0	82.0	6.1
Stoneville	ST 5931AXTP	1,759	4,296	41.0	4.0	1.15	30.1	82.5	6.6
Stoneville	ST 6000AXTP	<b>1,876</b>	4,201	<b>44.7</b>	4.3	1.13	31.3	82.3	6.3

### Averages and Statistics

Statistic	Lint Yield	Seed Cot. Yield	Lint% <sup>1</sup>	Micronaire	Length	Strength	Uniformity	Yellowness <sup>2</sup>
Mean	1,730	4,073	42.5	4.5	1.11	30.0	82.3	6.3
LSD at 10% Level	155	363	1.5	0.35	0.03	1.89	1.6	0.4
Model R-Square	0.71	0.72	0.84	0.88	0.83	0.88	0.64	0.90
C.V.	7.63	7.60	2.06	4.61	1.79	3.71	1.12	3.65

<sup>1</sup> Determined using the table-top research gins.

<sup>2</sup> Color Grade (+b)

Fiber-Quality data obtained from USDA classing office in Memphis, Tennessee.

**Bolded** yields are statistically non-significant (p = 10 level) from the highest yielding test entry. OVT entries require tolerance to glyphosate and glufosinate herbicides.

Planted: May 7, 2024  
 Harvested: November 12, 2024  
 Soil Type: Lucy or Blanton Loamy Sand  
 Previous Crop:  
 Soil Test: 101.00 lb P<sub>2</sub>O<sub>5</sub>, 245.00 lb K<sub>2</sub>O/acre, pH of 5.90

#### Fertilization

- Preplant
  - o 75 lb Nitrogen, 10 lb Sulfur, 50 lb P<sub>2</sub>O<sub>5</sub>, 50 lb K<sub>2</sub>O/acre
- Sidedress
  - o 165 lb Nitrogen, 50 lb K<sub>2</sub>O<sub>5</sub>, 10 lb Sulfur/acre

Tillage: Conventional  
 Herbicides: Roundup, Dual Magnum, Envoke, Staple  
 Fungicides: None  
 Irrigation: 10.50 Inches  
 Insecticides: Baythroid, Mustang Max, Bidrin

Test conducted by M. Cofield, D. Dunn, W. Mosteller, and L. Hitson.

OVT Dryland Results

<b>Company/ Brand Name</b>	<b>Variety</b>	<b>Lint Yield lb/acre</b>	<b>Seed Cot. Yield lb/acre</b>	<b>Lint' %</b>	<b>Micronaire units</b>	<b>Length inches</b>	<b>Strength (g/tex)</b>	<b>Uniformity %</b>	<b>Yellowness<sup>2</sup> grade</b>
Armor	24X951 B3TXF	885	2,037	43.7	3.9	1.11	26.7	82.0	6.6
Armor	9245 B3TXF	1,033	2,332	44.5	3.9	1.14	28.9	82.4	6.2
Armor	9831 B3XF	951	2,270	41.7	4.3	1.11	28.0	81.9	7.0
Deltapine	23R8029B3XF	1,142	2,552	44.6	4.3	1.12	29.1	81.6	7.6
Deltapine	23R9143B3TXF	972	2,167	44.8	4.0	1.12	29.4	82.5	7.8
Deltapine	23R9822B3TXF	782	1,791	43.4	3.6	1.11	26.5	80.8	6.7
Deltapine	23R9918B3TXF	838	1,901	44.2	3.9	1.12	28.7	82.3	7.2
Deltapine	DP 2038 B3XF	943	2,034	<b>46.5</b>	4.1	1.08	26.8	81.3	6.9
Deltapine	DP 2115 B3XF	1,034	2,479	41.5	3.8	1.11	28.3	82.0	7.5
Deltapine	DP 2127 B3XF	1,043	2,433	43.2	3.9	1.10	27.5	82.0	6.8
Deltapine	DP 2211 B3TXF	994	2,306	43.1	4.0	1.09	27.0	82.2	6.8
Deltapine	DP 2328 B3TXF	956	2,412	39.5	3.8	1.12	27.6	81.4	6.4
Deltapine	DP 2333 B3XF	941	2,164	43.3	3.8	1.10	27.6	81.3	6.4
Deltapine	DP 2414 B3TXF	<b>1,246</b>	<b>2,797</b>	44.8	4.0	1.14	28.2	83.4	7.2
Dyna-Gro	DG 3615 B3XF	854	2,026	42.2	3.9	1.14	28.2	81.3	7.6
Dyna-Gro	DG 3799 B3XF	1,049	2,440	43.1	3.8	1.14	29.0	80.6	7.8
Dyna-Gro	DG 4434 B3TXF	581	1,304	44.3	4.2	1.11	29.5	82.1	6.9
Dyna-Gro	DG 4529 B3TXF	984	2,381	41.2	3.9	1.10	27.1	80.1	7.6
Dyna-Gro	DG H959 B3XF	1,037	2,543	40.7	3.8	1.18	28.5	82.0	7.7
NexGen	AMX12502 B3TXF	1,016	2,256	<b>45.2</b>	3.9	1.16	28.2	81.0	6.3
NexGen	AMX12507 B3TXF	872	2,170	40.2	3.8	1.14	28.4	81.2	7.2
NexGen	AMX12526 B3TXF	898	2,075	43.6	4.1	1.13	28.3	81.9	8.3
NexGen	AMX12572 B3TXF	811	1,791	<b>45.2</b>	4.3	1.08	26.0	81.4	7.0
NexGen	NG 3195 B3XF	1,009	2,326	43.0	3.8	1.11	28.3	82.1	7.1
NexGen	NG 3457 B3XF	870	2,032	42.9	3.8	1.12	26.5	82.3	8.0
NexGen	NG 5430 B3XF	1,147	<b>2,654</b>	43.6	4.2	1.17	29.0	81.7	7.4
PhytoGen	1130F309-04	959	2,315	41.5	3.6	1.10	28.6	82.6	8.0
PhytoGen	1140F329-04	863	2,026	42.8	4.0	1.10	28.0	81.5	7.8
PhytoGen	1140F330-04	897	2,094	43.0	3.7	1.15	30.5	82.6	7.3
PhytoGen	1140F331-04	989	2,320	42.7	3.9	1.13	31.5	83.5	7.4
PhytoGen	1150F357-04	846	2,018	42.0	4.0	1.08	31.2	82.7	7.6
PhytoGen	1150F360-04	832	2,049	40.9	3.7	1.14	31.2	83.2	7.6
PhytoGen	1150F361-04	939	2,273	40.8	3.7	1.17	30.4	82.5	7.7
PhytoGen	PHY 332 W3FE	646	1,616	40.0	3.8	1.15	29.0	81.7	8.0
PhytoGen	PHY 360 W3FE	853	2,079	40.9	3.8	1.10	27.7	80.5	7.2
PhytoGen	PHY 400 W3FE	750	1,761	42.8	3.6	1.12	29.5	81.2	7.3
PhytoGen	PHY 411 W3FE	751	1,675	44.7	4.1	1.04	28.8	81.9	7.3
PhytoGen	PHY 415 W3FE	955	2,276	41.7	3.7	1.17	30.6	81.7	7.6
PhytoGen	PHY 443 W3FE	694	1,715	40.8	4.0	1.10	30.6	83.4	8.2
PhytoGen	PHY 475 W3FE	1,033	2,452	41.9	3.9	1.09	30.2	82.1	7.1
PhytoGen	PHY 545 W3FE	851	1,952	43.2	4.1	1.04	26.2	81.2	7.3



<b>Company/ Brand Name</b>	<b>Variety</b>	<b>Lint Yield lb/acre</b>	<b>Seed Cot. Yield lb/acre</b>	<b>Lint<sup>1</sup> %</b>	<b>Micronaire units</b>	<b>Length inches</b>	<b>Strength (g/tex)</b>	<b>Uniformity %</b>	<b>Yellowness<sup>2</sup> grade</b>
Stoneville	BX 2556AXTP	822	1,888	43.1	3.8	1.13	29.3	80.9	6.7
Stoneville	BX 2557AXTP	859	1,927	44.6	4.3	1.14	31.6	82.4	6.3
Stoneville	ST 4833AXTP	883	2,177	40.8	3.8	1.13	28.4	82.4	7.5
Stoneville	ST 5855AXTP	897	1,914	<b>47.0</b>	3.6	1.13	29.0	82.2	7.1
Stoneville	ST 5931AXTP	890	2,127	41.6	3.6	1.16	28.1	81.0	7.3
Stoneville	ST 6000AXTP	917	2,023	<b>45.7</b>	3.7	1.11	29.8	81.5	7.2

### Averages and Statistics

<b>Statistic</b>	<b>Lint Yield</b>	<b>Seed Cot. Yield</b>	<b>Lint%</b>	<b>Micronaire</b>	<b>Length</b>	<b>Strength</b>	<b>Uniformity</b>	<b>Yellowness<sup>2</sup></b>
Mean	918	2,141	42.9	3.4	1.12	28.7	81.8	7.3
LSD at 10% Level	98	229	2.0	0.36	0.04	1.82	NS <sup>3</sup>	0.6
Model R-Square	0.85	0.85	0.86	0.76	0.75	0.78	0.71	0.87
C.V.	9.07	9.13	2.78	5.47	2.19	3.79	1.22	5.21

<sup>1</sup> Determined using the table-top research gins.

<sup>2</sup> Color Grade (+b)

<sup>3</sup> "NS" indicates differences are statistically non-significant (p = 0.10 probability level)

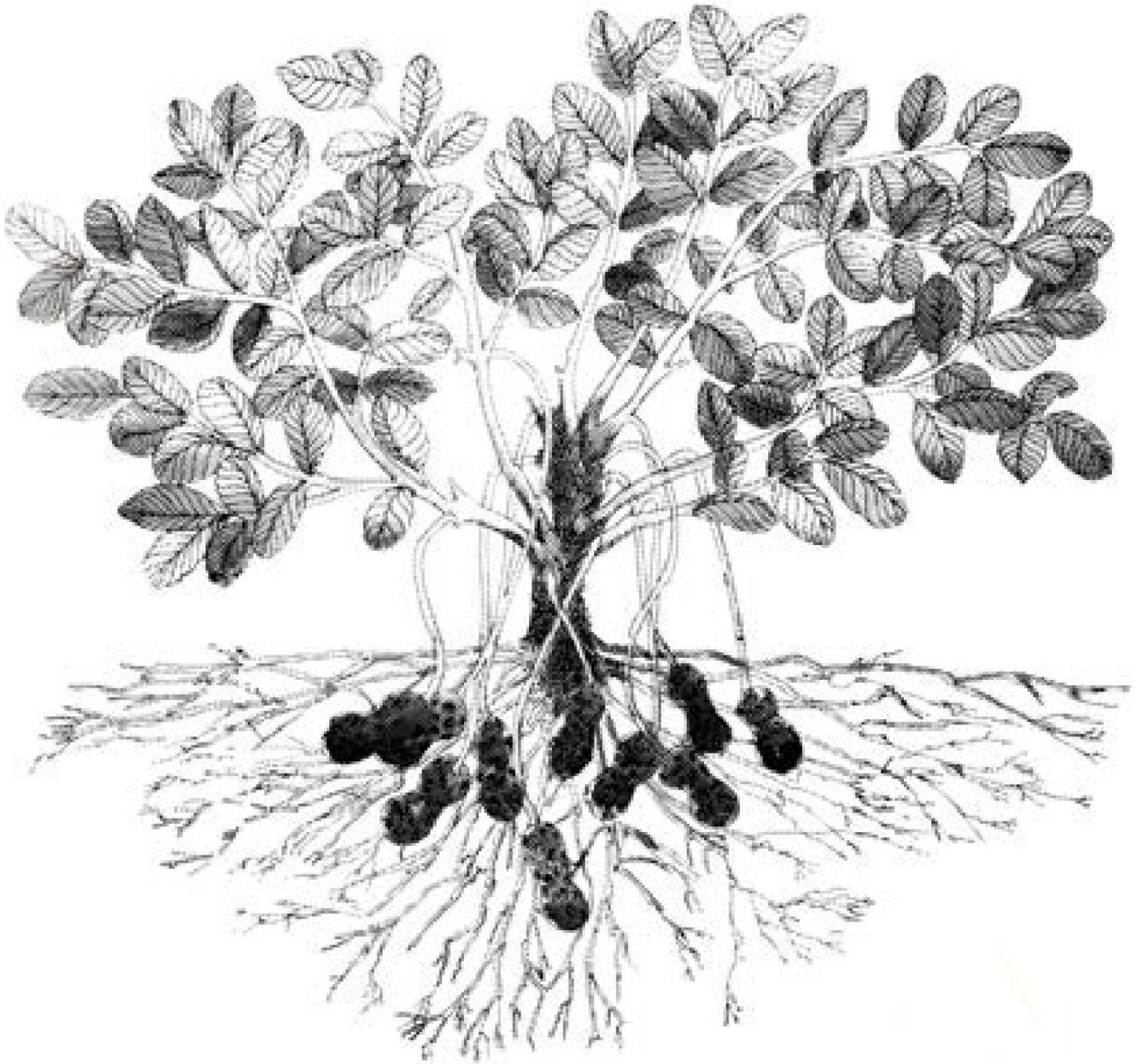
Fiber-Quality data obtained from USDA classing office in Memphis, Tennessee.

**Bolded** yields are statistically non-significant (p = 10 level) from the highest yielding test entry. OVT entries require tolerance to glyphosate and glufosinate herbicides.

Planted: May 7, 2024  
Harvested: November 12, 2024  
Soil Type: Lucy or Blanton Loamy Sand  
Previous Crop:  
Soil Test: 39.0 lb P<sub>2</sub>O<sub>5</sub>, 256.0 K<sub>2</sub>O/acre, pH of 6.9  
Fertilization:  
– Preplant  
    o 75 lb Nitrogen, 10 lb Sulfur, 50 lb P<sub>2</sub>O<sub>5</sub>, 50 lb K<sub>2</sub>O/acre  
– Sidedress  
    o 75 lb Nitrogen, 50 lb K<sub>2</sub>O<sub>5</sub>, 10 lb Sulfur/acre  
Tillage: Conventional  
Herbicides: Roundup, Dual Magnum, Envoke, Staple  
Fungicides: None  
Irrigation: None  
Insecticides: Baythroid, Mustang Max, Bidrin

Test conducted by M. Cofield, D. Dunn, W. Mosteller and L. Hitson.

## ***Peanut Performance Results***



## Multi-Location Performance Results, 2024

### Summary of Peanut Yields in lb/acre

#### Runner

Variety	Tifton Irrigated	Midville Irrigated	Irrigated Average	Tifton Dryland	Midville Dryland	Dryland Average	Statewide Average	Maturity
17-223	6,093	<b>7,887</b>	6,990	3,474	6,708	5,091	6,040	M
Arnie	5,971	6,784	6,377	2,828	5,760	4,294	5,336	M
AU-NPL 17	5,484	7,726	6,605	3,109	5,772	4,440	5,523	M
FloRunTM '331'	<b>6,652</b>	<b>8,263</b>	<b>7,457</b>	<b>4,139</b>	6,959	<b>5,549</b>	<b>6,503</b>	M
FloRunTM '52N'	6,267	7,551	6,909	<b>3,852</b>	6,334	5,093	6,001	M
FloRunTM 'T61'	5,931	<b>7,936</b>	6,933	3,663	6,381	5,022	5,978	M
GA 132724	6,256	<b>7,859</b>	7,057	3,407	6,020	4,713	5,885	M
GA 182729	5,483	6,690	6,087	3,394	6,375	4,884	5,486	M+
GA 183129	5,910	6,466	6,188	3,345	6,480	4,912	5,550	ML
GA 192504	6,181	<b>7,927</b>	7,054	3,443	6,299	4,871	5,962	M
GA 192506	6,301	6,668	6,485	3,626	<b>7,611</b>	<b>5,618</b>	6,051	M+
GA 192518	6,120	<b>8,216</b>	7,168	<b>3,870</b>	6,030	4,950	6,059	M
Georgia-24NHO	5,934	<b>8,042</b>	6,988	3,138	5,959	4,548	5,768	M
Georgia Greener	<b>6,775</b>	<b>8,087</b>	<b>7,431</b>	3,242	6,741	4,991	6,211	M
Georgia-06G	5,969	<b>8,102</b>	7,035	2,699	6,468	4,584	5,809	M
Georgia-09B	6,253	6,284	6,268	<b>3,711</b>	6,045	4,878	5,573	ML
Georgia-12Y	5,176	6,643	5,909	2,918	5,976	4,447	5,178	M+
Georgia-14N	<b>6,539</b>	<b>8,140</b>	<b>7,339</b>	<b>4,016</b>	6,557	5,286	<b>6,313</b>	M
Georgia-16HO	6,339	7,120	6,729	<b>3,932</b>	6,784	<b>5,358</b>	6,043	M+
Georgia-18RU	6,100	6,513	6,307	3,553	5,999	4,776	5,541	M
Georgia-20VHO	5,887	6,216	6,052	3,553	5,540	4,546	5,299	M+
Georgia-21GR	5,996	6,478	6,237	2,833	5,815	4,324	5,281	ML
Georgia-22MPR	6,118	6,741	6,430	3,259	7,000	5,130	5,780	M+
Georgia-23RKN	<b>6,559</b>	7,830	7,194	3,101	6,093	4,597	5,896	M
DG 913	6,180	<b>7,875</b>	7,027	3,158	6,221	4,689	5,858	M
TifCB 7	<b>6,613</b>	7,712	7,162	3,394	5,846	4,620	5,891	M
Tifguard	5,958	7,363	6,660	3,309	6,075	4,692	5,676	M
TifNV-HG	<b>6,476</b>	<b>8,177</b>	<b>7,327</b>	3,492	6,227	4,860	6,093	M
TifNV-High O/L	6,278	7,473	6,875	3,541	6,072	4,806	5,841	M
TUFRunnerTM	6,279	<b>8,144</b>	<b>7,211</b>	<b>3,748</b>	6,431	5,089	6,150	M

#### Runner Averages and Statistics

Statistic	Tifton Irrigated	Midville Irrigated	Irrigated Average	Tifton Dryland	Midville Dryland	Dryland Average	Statewide Average
Mean	6,136	7,430	6,783	3,425	6,286	4,855	5,819
LSD at 10%	314	410	257	471	349	292	194
Model R-Square	0.62	0.76	0.86	0.60	0.66	0.94	0.95
C.V.	5.35	5.77	5.63	14.39	5.81	8.93	7.02

*Spanish and Valencia<sup>1</sup>*Spanish

<b>Variety</b>	<b>Peanut Yield lb/Acre</b>	<b>Maturity</b>
Georgia-17SP	<b>3,950</b>	M
Georgia-04S	<b>3,801</b>	M
Georgia-SP/RKN	<b>3,728</b>	M+
Georgia Browne	3,406	M+
Tamnut OL06	3,071	E
Schubert	2,783	E+
OLe`	2,194	E+
OLin	2,001	E+

Valencia

<b>Variety</b>	<b>Peanut Yield lb/Acre</b>	<b>Maturity</b>
Georgia-Val/HO	<b>2,619</b>	E+
NuMex-01	2,291	E
TAM Val. OL14	2,187	E
H & W Val. 136	2,172	E
N. M. Val. A	1,909	E
N. M. Val. C	1,813	E
H & W Val. 118	1,778	E

*Spanish and Valencia Averages and Statistics*

<b>Statistic</b>	<b>Peanut Yield</b>
Mean	2,647
LSD at 10% Level	223
Model R-Square	0.93
C.V.	8.77

**Bolded** yields are statistically non-significant ( $p = 0.10$  level) from the highest yielding test entry.

Variety names starting with "GA" along with "17-223" are unreleased breeding lines.

All tests are planted using 6 seeds per linear foot with 36 inches between rows.

Maturities are earliest (E) to latest (M+). All varieties of a given maturity in a test are harvested on the same day

<sup>1</sup> Spanish and Valencia varieties are only tested at Tifton under irrigated conditions.

## Tifton, Georgia: Peanut Yield and Grade Performance Results: Irrigated Results

### Runner

Variety	Peanut Yield	Seed no./lb	TSMK%	OK%	DK%	ELK%	Maturity
17-223	6,093	769	68.5	4.5	1.0	-	M
Arnie	5,971	<b>894</b>	70.5	5.5	1.0	-	M
AU-NPL 17	5,484	788	68.0	4.5	1.0	-	M
FloRunTM '331'	<b>6,652</b>	<b>853</b>	67.0	5.5	1.0	-	M
FloRunTM '52N'	6,267	<b>842</b>	73.0	4.5	1.0	-	M
FloRunTM 'T61'	5,931	<b>845</b>	68.5	5.5	1.5	-	M
GA 132724	6,256	656	69.0	5.0	1.0	-	M
GA 182729	5,483	731	75.0	3.5	1.0	-	M+
GA 183129	5,910	696	71.5	3.0	2.0	-	ML
GA 192504	6,181	676	77.0	3.0	0.5	-	M
GA 192506	6,301	702	76.0	3.0	0.5	-	M+
GA 192518	6,120	736	72.5	4.5	1.5	-	M
Georgia Greener	5,934	803	71.0	4.0	2.0	-	M
Georgia-06G	<b>6,775</b>	738	70.0	5.5	1.0	-	M
Georgia-09B	5,969	775	71.0	4.0	1.5	-	M
Georgia-12Y	6,253	<b>842</b>	70.0	5.5	0.5	-	ML
Georgia-14N	5,176	<b>881</b>	69.5	4.5	1.0	-	M+
Georgia-16HO	<b>6,539</b>	779	67.5	5.5	2.5	-	M
Georgia-18RU	6,339	773	70.5	4.0	2.0	-	M+
Georgia-20VHO	6,100	<b>871</b>	73.5	4.0	1.0	-	M
Georgia-21GR	5,887	-	72.0	5.0	1.0	-	M+
Georgia-22MPR	5,996	770	73.0	3.5	1.0	-	ML
Georgia-23RKN	6,118	773	70.0	3.5	1.5	-	M+
Georgia-24NHO	<b>6,559</b>	769	70.5	4.5	1.5	-	M
DG 913	6,180	698	72.5	3.5	1.0	-	M
TifCB 7	<b>6,613</b>	<b>884</b>	70.5	6.5	2.0	-	M
Tifguard	5,958	<b>811</b>	69.5	4.0	1.0	-	M
TifNV-HG	<b>6,476</b>	686	68.5	4.0	2.0	-	M
TifNV-High O/L	6,278	727	68.0	5.0	1.5	-	M
TUFRunnerTM '297'	6,279	728	71.5	4.0	1.0	-	M

### Runner Averages and Statistics

Statistic	Peanut Yield	Seed no./lb	TSMK%	OK%	DK%	ELK%
Mean	6,136	776	70.9	4.4	1.3	-
LSD at 10% Level	314	88	2.9	1.3	1.0	-
Model R-Square	0.62	0.80	0.81	0.72	0.60	-
C.V.	5.35	6.66	2.39	17.88	0.42	-

**Bolded** yields are statistically non-significant ( $p = 0.10$  level) from the highest yielding test entry.

Variety names starting with "GA" along with "17-223" are unreleased breeding lines.

All tests are planted using 6 seeds per linear foot with 36 inches between rows.

Maturities are earliest (E) to latest (M+). All varieties of a given maturity in a test are harvested on the same day.

Planted:	May 30, 2024	Digging Date By Maturity	
Soil Type	Tifton Loamy Sand	M	October 24, 2024
Soil Test:	106.00 lb P <sub>2</sub> O <sub>5</sub> , 182.00 lb K <sub>2</sub> O/acre, pH of 6.59	M+	November 1, 2024
Fertilizer:	None	ML	November 1, 2024
Previous Crop:	Cotton		
Tillage:	Conventional		
Herbicides:	Sonalan, Dual Magnum, Basagran, Select		
Fungicides:	Tebuconazole, Chlorothalonil, Fontelis		
Insecticides:	None		
Irrigation:	9.40 Inches		

Test conducted by M. Cofield, D. Dunn, and W. Mosteller

### Spanish and Valencia

#### Spanish

Variety	Peanut Yield	Seed no./lb	TSMK%	OK%	DK%	ELK%	Maturity
Georgia-17SP	<b>3,950</b>	1,049	72.0	5.5	0.5	-	M+
Georgia-04S	<b>3,801</b>	<b>1,174</b>	65.5	9.5	0.5	-	M
Georgia-SP/RKN	<b>3,728</b>	1,036	71.5	6.0	0.5	-	M+
Georgia Browne	3,406	<b>1,169</b>	65.0	10.5	0.5	-	M
Tamnut OL06	3,071	<b>1,146</b>	64.0	6.5	0.5	-	E+
Schubert	2,783	1,120	62.5	7.5	1.0	-	E+
OLe`	2,194	<b>1,226</b>	67.5	6.5	0.5	-	E
OLin	2,001	<b>1,206</b>	63.0	9.0	0.5	-	E+

#### Valencia

Variety	Peanut Yield	Seed no./lb	TSMK%	OK%	DK%	ELK%	Maturity
Georgia-Val/HO	<b>2,619</b>	782	65.0	5.0	3.5	-	E+
NuMex-01	2,291	<b>1,320</b>	57.5	13.5	1.5	-	E
TAM Val. OL14	2,187	<b>1,331</b>	59.5	12.0	1.5	-	E
H & W Val. 136	2,172	1,182	61.5	8.0	2.0	-	E
N. M. Val. A	1,909	1,151	64.0	8.0	1.5	-	E
N. M. Val. C	1,813	1,134	64.0	7.5	2.0	-	E
H & W Val. 118	1,778	1,209	60.5	10.0	2.0	-	E

### Spanish and Valencia Averages and Statistics

Statistic	Peanut Yield	Seed no./lb	TSMK%	OK%	DK%	ELK%
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Mean	2,647	1,149	64.2	8.3	1.2	-
LSD at 10% Level	223	84	2.8	2.6	1.1	-
Model R-Square	0.93	0.94	0.92	0.85	0.81	-
C.V.	8.77	4.13	2.5	17.41	49.40	-

<sup>1</sup> "NS" indicates differences are statistically non-significant ( $p = 0.10$  probability level)

**Bolded** yields are statistically non-significant ( $p = 0.10$  level) from the highest yielding test entry.

Variety names starting with "GA" along with "17-223" are unreleased breeding lines.

All tests are planted using 6 seeds per linear foot with 36 inches between rows.

Maturities are earliest (E) to latest (M+). All varieties of a given maturity in a test are harvested on the same day.

Planted:	May 30, 2024	Digging Date By Maturity
Soil Type	Tifton Loamy Sand	E September 4, 2024
Soil Test:	77.80 lb P <sub>2</sub> O <sub>5</sub> , 154.00 K <sub>2</sub> O, pH of 6.42	E+ September 20, 2024
Fertilizer:	None	M October 24, 2024
Previous Crop:	Cotton	M+ October 24, 2024
Tillage:	Conventional	
Herbicides:	Sonalan, Dual Magnum, Basagran, Select	
Fungicides:	Tebuconazole, Chlorothalonil, Fontelis	
Insecticides:	None	
Irrigation:	9.40 Inches	

Test conducted by M. Cofield, D. Dunn, and W. Mosteller

**Dryland Results**Runner

<b>Variety</b>	<b>Peanut Yield</b>	<b>Seed no./lb</b>	<b>TSMK%</b>	<b>OK%</b>	<b>DK%</b>	<b>ELK%</b>	<b>Maturity</b>
17-223	3,474	760	72.5	4.0	0.5	-	M
Arnie	2,828	836	70.0	6.5	1.0	-	M
AU-NPL 17	3,109	781	66.0	7.0	1.0	-	M
FloRunTM '331'	<b>4,139</b>	<b>834</b>	70.0	6.0	0.0	-	M
FloRunTM '52N'	<b>3,852</b>	<b>842</b>	69.5	8.0	0.5	-	M
FloRunTM 'T61'	3,663	843	70.5	6.0	1.0	-	M
GA 132724	3,407	742	69.0	5.0	1.0	-	M
GA 182729	3,394	716	72.5	5.0	1.5	-	M+
GA 183129	3,345	764	71.0	5.0	2.0	-	ML
GA 192504	3,443	752	72.0	5.5	1.5	-	M
GA 192506	3,626	749	75.0	4.5	1.0	-	M+
GA 192518	<b>3,870</b>	<b>798</b>	74.0	4.5	1.0	-	M
Georgia Greener	3,138	869	69.5	5.0	2.5	-	M
Georgia-06G	3,242	698	71.5	5.5	1.0	-	M
Georgia-09B	2,699	828	73.0	4.5	1.0	-	M
Georgia-12Y	<b>3,711</b>	914	69.5	6.0	1.0	-	ML
Georgia-14N	2,918	836	65.5	8.0	1.0	-	M+
Georgia-16HO	<b>4,016</b>	<b>781</b>	70.0	6.5	1.0	-	M
Georgia-18RU	<b>3,932</b>	<b>822</b>	71.0	5.5	0.5	-	M+
Georgia-20VHO	3,553	863	73.0	5.0	1.0	-	M
Georgia-21GR	3,553	840	71.5	5.5	1.5	-	M+
Georgia-22MPR	2,833	778	71.0	5.0	2.5	-	ML
Georgia-23RKN	3,259	774	67.5	6.0	1.5	-	M+
Georgia-24NHO	3,101	762	70.5	5.0	1.0	-	M
DG 913	3,158	805	71.0	5.5	1.0	-	M
TifCB 7	3,394	1,036	69.5	8.0	1.5	-	M
Tifguard	3,309	726	70.5	5.5	1.0	-	M
TifNV-HG	3,492	714	71.0	4.0	0.5	-	M
TifNV-High O/L	3,541	734	70.0	5.0	1.0	-	M
TUFRunnerTM '297'	<b>3,748</b>	704	69.0	5.5	2.5	-	M

*Averages and Statistics*

<b>Statistic</b>	<b>Peanut Yield</b>	<b>Seed no./lb</b>	<b>TSMK%</b>	<b>OK%</b>	<b>DK%</b>	<b>ELK%</b>
Mean	3,425	797	70.6	5.6	1.2	-
LSD at 10% Level	471	82	2.7	1.3	1.0	-
Model R-Square	0.60	0.82	0.76	0.79	0.67	-
C.V.	14.39	6.02	2.29	13.96	50.33	-



**Bolded** yields are statistically non-significant ( $p = 0.10$  level) from the highest yielding test entry.

Variety names starting with "GA" along with "17-223" are unreleased breeding lines.

All tests are planted using 6 seeds per linear foot with 36 inches between rows.

Maturities are earliest (E) to latest (M+). All varieties of a given maturity in a test are harvested on the same day

Planted:	May 29, 2024	Digging Date By Maturity	
Soil Type	Tifton Loamy Sand	M	November 1, 2024
Soil Test:	78.70 lb P <sub>2</sub> O <sub>5</sub> , 62.10 K <sub>2</sub> O, pH of 6.21	M+	November 1, 2024
Fertilizer:	None	ML	November 1, 2024
Previous Crop:	Wheat		
Tillage:	Conventional		
Herbicides:	Sonalan, Dual Magnum, Basagran, Select		
Fungicides:	Tebuconazole, Chlorothalonil, Fontelis		
Insecticides:	None		
Irrigation:	None		

Test conducted by M. Cofield, D. Dunn, and W. Mosteller

**Midville, Georgia:**  
**Peanut Yield and Grade Performance Results:**  
*Irrigated Results*

Runner

<i>Variety</i>	<i>Peanut Yield</i>	<i>Seed no./lb</i>	<i>TSMK%</i>	<i>OK%</i>	<i>DK%</i>	<i>ELK%</i>	<i>Maturity</i>
17-223	<b>7,887</b>	782	74.0	3.5	0.5	-	M
Arnie	6,784	760	73.0	4.5	0.5	-	M
AU-NPL 17	7,726	722	71.5	4.0	1.0	-	M
FloRunTM '331'	<b>8,263</b>	<b>866</b>	72.5	5.0	0.0	-	M
FloRunTM '52N'	7,551	<b>893</b>	74.5	3.5	0.0	-	M
FloRunTM 'T61'	<b>7,936</b>	<b>870</b>	72.5	4.5	1.0	-	M
GA 132724	<b>7,859</b>	710	74.5	2.5	0.0	-	M
GA 182729	6,690	682	77.5	2.5	0.5	-	M+
GA 183129	6,466	701	76.5	2.5	0.5	-	ML
GA 192504	<b>7,927</b>	760	75.0	3.0	1.0	-	M
GA 192506	6,668	706	78.0	2.5	0.5	-	M+
GA 192518	<b>8,216</b>	736	77.5	2.5	0.5	-	M
Georgia Greener	<b>8,042</b>	850	74.5	3.5	1.0	-	M
Georgia-06G	<b>8,087</b>	788	75.0	4.0	0.5	-	M
Georgia-09B	<b>8,102</b>	848	73.5	4.5	0.5	-	M
Georgia-12Y	6,284	826	74.0	3.0	0.5	-	ML
Georgia-14N	6,643	<b>871</b>	74.0	3.0	0.5	-	M+
Georgia-16HO	<b>8,140</b>	832	75.0	3.5	0.5	-	M
Georgia-18RU	7,120	752	72.5	4.0	1.0	-	M+
Georgia-20VHO	6,513	842	76.5	2.5	1.0	-	M
Georgia-21GR	6,216	800	77.0	2.5	0.0	-	M+
Georgia-22MPR	6,478	754	77.5	2.5	0.0	-	ML
Georgia-23RKN	6,741	758	74.5	2.0	0.5	-	M+
Georgia-24NHO	7,830	780	72.5	3.5	1.0	-	M
DG 913	<b>7,875</b>	805	76.0	2.5	0.5	-	M
TifCB 7	7,712	<b>932</b>	75.0	3.0	1.0	-	M
Tifguard	7,363	772	73.5	3.5	1.0	-	M
TifNV-HG	<b>8,177</b>	755	72.0	4.0	0.5	-	M
TifNV-High O/L	7,473	748	73.5	2.5	0.5	-	M
TUFRunnerTM '297'	<b>8,144</b>	800	73.5	3.0	0.0	-	M

*Averages and Statistics*

<b>Statistic</b>	<b>Peanut Yield</b>	<b>Seed no./lb</b>	<b>TSMK%</b>	<b>OK%</b>	<b>DK%</b>	<b>ELK%</b>
Mean	7,430	790	74.6	3.3	0.6	-
LSD at 10% Level	410	72	1.7	1.3	NS <sup>1</sup>	-
Model R-Square	0.76	0.81	0.88	0.67	0.52	-
C.V.	5.77	5.34	1.30	23.80	89.86	-

<sup>1</sup> "NS" indicates differences are statistically non-significant (p = 0.10 probability level)

**Bolded** yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Variety names starting with "GA" along with "17-223" are unreleased breeding lines.

All tests are planted using 6 seeds per linear foot with 36 inches between rows.

Maturities are earliest (E) to latest (M+). All varieties of a given maturity in a test are harvested on the same day.

Planted:	May 23, 2024	Digging Date By Maturity	
Soil Type:	Dothan Sandy Loam	M	October 21, 2024
Soil Test:	pH of 6.0	M+	October 29, 2024
Fertilizer:	None	ML	October 29, 2024
Previous Crop:	Cotton		
Tillage:	Conventional		
Herbicides:	Valor, Strongarm, Prowl, Storm, Warrant		
Fungicides:	Tebuconazole, Chlorothalonil, Convey, Lucento, Umbra		
Insecticides:	Priaxor, Dimlin, Intrepid		
Irrigation:	9.75 Inches		

Test conducted by M. Cofield, D. Dunn, and W. Mosteller

**Dryland Results****Runner**

<b>Variety</b>	<b>Peanut Yield lb/Acre</b>	<b>Seed no./lb</b>	<b>TSMK%</b>	<b>OK%</b>	<b>DK%</b>	<b>ELK%</b>	<b>Maturity</b>
17-223	6,708	728	77.0	3.0	1.0	-	M+
Arnie	5,760	<b>918</b>	74.5	4.5	0.0	-	M+
AU-NPL 17	5,772	762	73.0	3.5	0.0	-	M
FloRunTM '331'	6,959	842	73.0	3.0	0.5	-	M+
FloRunTM '52N'	6,334	864	75.5	4.0	0.0	-	M
FloRunTM 'T61'	6,381	819	74.5	3.5	0.5	-	M
GA 132724	6,020	666	75.0	2.5	0.5	-	M
GA 182729	6,375	675	77.0	4.5	0.0	-	ML
GA 183129	6,480	734	71.0	4.5	1.0	-	M
GA 192504	6,299	704	75.5	3.5	1.0	-	M
GA 192506	<b>7,611</b>	708	78.5	3.0	0.0	-	M
GA 192518	6,030	761	77.0	3.0	0.5	-	M+
Georgia Greener	5,959	791	74.0	4.0	1.5	-	M
Georgia-06G	6,741	736	76.5	2.5	0.5	-	M
Georgia-09B	6,468	815	76.0	3.0	0.0	-	M
Georgia-12Y	6,045	836	77.0	2.5	0.0	-	M
Georgia-14N	5,976	857	71.0	5.0	0.5	-	M
Georgia-16HO	6,557	777	72.5	4.5	1.5	-	M
Georgia-18RU	6,784	739	77.0	2.5	0.5	-	M
Georgia-20VHO	5,999	804	78.0	3.5	0.0	-	ML
Georgia-21GR	5,540	793	77.0	3.0	1.0	-	M
Georgia-22MPR	5,815	760	74.0	4.0	1.5	-	M
Georgia-23RKN	7,000	804	69.5	5.5	1.0	-	M
Georgia-24NHO	6,093	688	75.0	3.5	0.5	-	M+
DG 913	6,221	768	73.0	4.5	0.5	-	M
TifCB 7	5,846	<b>915</b>	75.5	3.5	0.5	-	M
Tifguard	6,075	746	75.5	2.0	0.5	-	ML
TifNV-HG	6,227	676	74.0	3.5	0.5	-	M
TifNV-High O/L	6,072	706	74.0	3.0	0.5	-	M
TUFRunnerTM '297'	6,431	730	73.5	3.0	1.0	-	M+

***Averages and Statistics***

<b>Statistic</b>	<b>Peanut Yield</b>	<b>Seed no./lb</b>	<b>TSMK%</b>	<b>OK%</b>	<b>DK%</b>	<b>ELK%</b>
Mean	6,286	771	74.8	3.5	0.6	-
LSD at 10% Level	349	47	2.1	1.4	NS <sup>1</sup>	-
Model R-Square	0.66	0.94	0.86	0.70	0.61	-
C.V.	5.81	3.56	1.66	22.86	92.69	-

<sup>1</sup> "NS" indicates differences are statistically non-significant ( $p = 0.10$  probability level)

**Bolded** yields are statistically non-significant ( $p = 0.10$  level) from the highest yielding test entry.

Variety names starting with "GA" along with "17-223" are unreleased breeding lines.

All tests are planted using 6 seeds per linear foot with 36 inches between rows.

Maturities are earliest (E) to latest (M+). All varieties of a given maturity in a test are harvested on the same day.

Planted:	May 24, 2024	Digging Date By Maturity	
Soil Type:	Dothan Sandy Loam	M	October 21, 2024
Soil Test:	pH of 6.4	M+	October 29, 2024
Fertilizer:	None	ML	October 29, 2024
Previous Crop:	Cotton		
Tillage:	Conventional		
Herbicides:	Valor, Strongarm, Prowl, Storm, Warrant		
Fungicides:	Tebuconazole, Chlorothalonil, Fontelis, Convey, Lucento, Umbra		
Insecticides:	Priaxor, Dimlin, Intrepid		
Irrigation:	None		

Test conducted by M. Cofield, D. Dunn, and W. Mosteller

## Cooperators

- A. Black, Southeast Research & Education Center, Midville, Georgia
- A. Carter, Tifton Campus, Tifton, Georgia
- P. Knox, Crop and Soil Sciences Department, Athens, Georgia
- S. Rogers, Southwest Research & Education Center, Plains, Georgia
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## Contributors

The following individuals contributed to the gathering of data and preparation of this report:

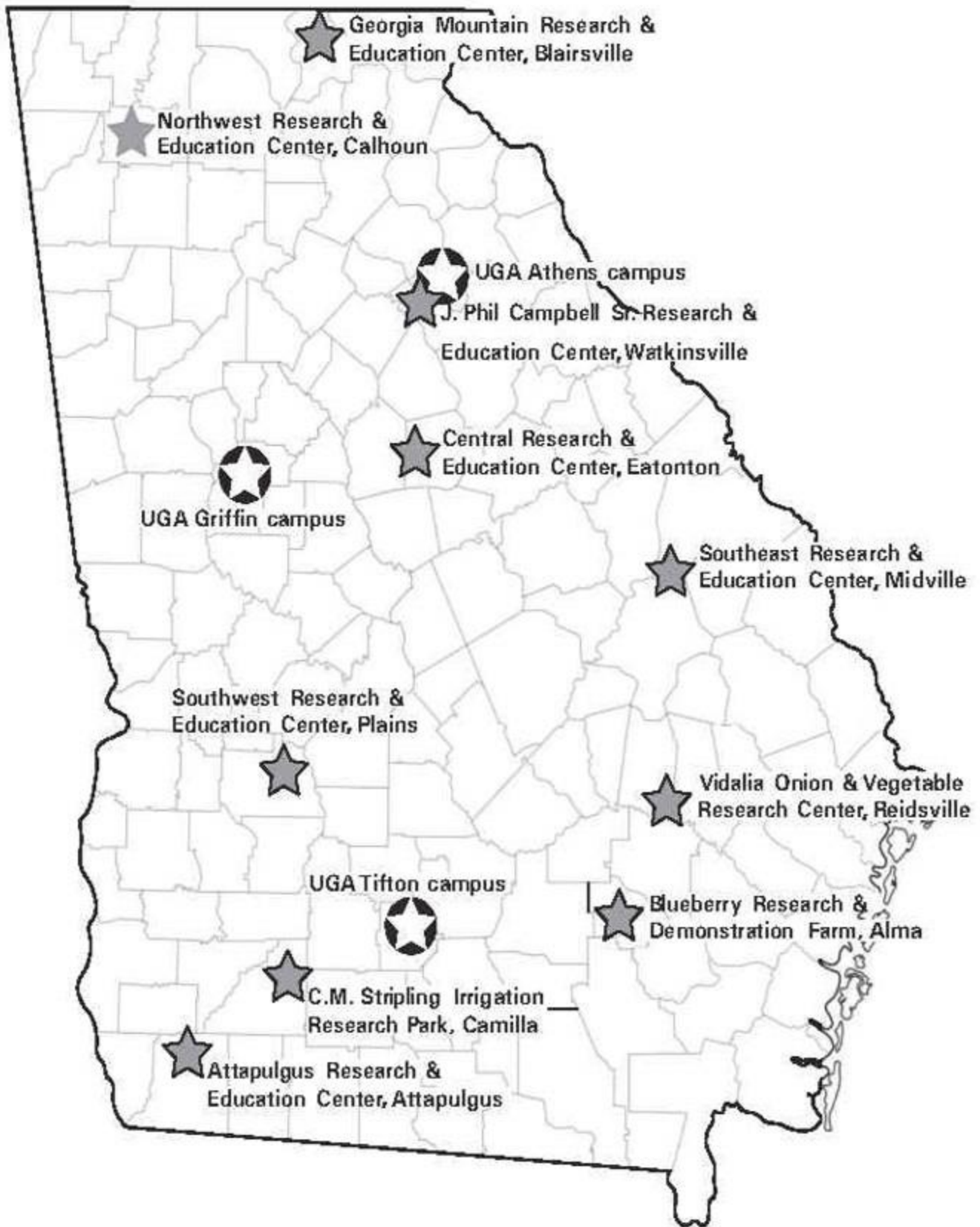
- Tifton – K. Cawley, M. Cofield, W. Mosteller
- Midville – J. Lanier, R. Milton, T. Woodward
- Plains – W. Jones and D. Pearce
- Attapulgus – K. Cawley, M. Cofield, W. Mosteller, J. Hitson

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