

Georgia

2024 Peanut and Cotton

Performance Tests¹

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¹ Not all data have been collected yet, no cotton performance results on Midville due to damage from hurricane Helene.

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Cotton Test Results



Multi-Location Performance Results, 2024

Summary of Seed Cotton Yields

OVT Seed Cotton Yields in Lbs/Acre

Company/Brand Name	Variety	Tifton Irrigated	Tifton Dryland	Plains Irrigated	Plains Dryland	Attapulugus Irrigated	Attapulugus Dryland
PhytoGen	1130F309-04	2,861	1,715	1,966	837	4,110	2,347
PhytoGen	1140F329-04	2,705	1,772	2,077	959	4,722	2,021
PhytoGen	1140F330-04	2,970	1,688	2,363	1,028	4,171	2,139
PhytoGen	1140F331-04	2,718	1,511	1,759	1,048	3,991	2,359
PhytoGen	1150F357-04	2,592	1,738	1,864	970	4,528	2,062
PhytoGen	1150F360-04	2,775	1,520	1,836	1,043	4,557	2,066
PhytoGen	1150F361-04	2,565	1,453	1,846	1,009	4,378	2,271
Deltapine	23R8029B3XF	3,013	1,999	1,958	887	4,518	2,547
Deltapine	23R9143B3TXF	2,767	1,776	2,165	990	3,617	2,211
Deltapine	23R9822B3TXF	2,392	1,354	1,988	1,155	3,308	1,806
Deltapine	23R9918B3TXF	2,295	1,691	1,962	876	4,280	1,938
Armor	24X951 B3TXF	2,487	1,685	2,029	1,091	3,993	2,080
Armor	24X955 B3TXF	1,604	849	2,255	1,081	4,018	2,333
Armor	9831 B3XF	2,896	1,493	1,604	510	4,396	2,306
NexGen	AMX12502	1,936	534	1,931	1,011	3,589	2,325
NexGen	AMX12507	2,758	1,820	2,041	1,090	3,740	2,165
NexGen	AMX12526	2,523	1,301	1,636	875	3,279	2,133
NexGen	AMX12572	1,799	1,533	1,669	834	3,607	1,851
Stoneville	BX 2531AXTP	2,733	1,869	1,950	935	4,243	2,172
Stoneville	BX 2533AXTP	2,942	1,111	1,771	716	4,219	2,231
Stoneville	BX 2555AXTP	2,819	1,879	1,465	709	3,880	1,962
Stoneville	BX 2556AXTP	2,664	1,706	1,572	780	3,928	1,934
Stoneville	BX 2557AXTP	2,851	1,247	1,548	737	4,346	1,969
Dyna-Gro	DG 3615 B3XF	3,137	1,528	1,629	575	4,660	2,056
Dyna-Gro	DG 3799 B3XF	3,007	1,404	1,499	807	4,011	2,456
Dyna-Gro	DG 4434 B3TXF	2,162	1,308	1,897	876	3,911	1,354
Dyna-Gro	DG 4529 B3TXF	2,809	1,597	2,464	924	4,532	2,432
Dyna-Gro	DG H959 B3XF	2,800	1,366	1,706	649	4,139	2,535
Deltapine	DP 2038 B3XF	2,756	1,534	1,683	695	3,703	2,107
Deltapine	DP 2115 B3XF	2,906	1,412	1,577	748	3,684	2,499
Deltapine	DP 2127 B3XF	2,730	1,843	2,024	1,059	3,783	2,450
Deltapine	DP 2211 B3TXF	2,840	1,794	1,632	909	4,276	2,337
Deltapine	DP 2328 B3TXF	2,863	1,517	1,972	1,129	3,382	2,411
Deltapine	DP 2333 B3XF	2,795	1,750	1,826	872	4,034	2,206
Deltapine	DP 2414 B3TXF	2,671	1,995	2,134	1,067	4,067	2,849
NexGen	NG 3195 B3XF	2,839	1,822	2,075	1,007	3,973	2,335
NexGen	NG 3457 B3XF	2,031	1,630	1,467	787	3,773	2,086
NexGen	NG 5430 B3XF	2,728	1,708	1,983	1,084	3,765	2,694
PhytoGen	PHY 332 W3FE	2,598	1,826	1,809	784	4,245	1,682
PhytoGen	PHY 360 W3FE	2,494	1,682	1,901	923	4,034	2,120

Company/Brand Name	Variety	Tifton Irrigated	Tifton Dryland	Plains Irrigated	Plains Dryland	Attapulgus Irrigated	Attapulgus Dryland
PhytoGen	PHY 400 W3FE	2,690	1,483	1,582	559	4,012	1,812
PhytoGen	PHY 411 W3FE	2,577	1,725	1,836	1,052	4,033	1,714
PhytoGen	PHY 415 W3FE	2,639	1,577	2,200	1,126	3,796	2,282
PhytoGen	PHY 443 W3FE	2,727	1,769	1,881	844	3,931	1,777
PhytoGen	PHY 475 W3FE	2,523	1,346	1,859	1,101	4,635	2,510
PhytoGen	PHY 545 W3FE	2,989	1,770	1,768	943	3,934	1,962
Stoneville	ST 6000AXTP	2,936	1,755	1,738	966	4,154	2,044

Averages and Statistics

Statistic	Tifton Irrigated	Tifton Dryland	Plains Irrigated	Plains Dryland	Attapulgus Irrigated	Attapulgus Dryland
Mean	2,665	1,579	1,852	906	4,040	2,175
LSD at 10% Level	320	-	358	198	365	234
Model R-Square	0.92	0.72	0.68	0.73	0.71	0.83
C.V.	10.24	20.28	16.48	18.62	7.70	9.18

Conventional Strains Seed Cotton Yields in Lbs/Acre

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

Averages and Statistics

Statistic	Tifton Irrigated	Plains Irrigated
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

Company/Brand Name	Variety	Tifton Irrigated	Tifton Dryland	Plains Irrigated	Plains Dryland	Attapulgus Irrigated	Attapulgus Dryland
PhytoGen	1130F309-04	1,121	750	-	-	-	-
PhytoGen	1140F329-04	1,079	763	-	-	-	-
PhytoGen	1140F330-04	1,155	722	-	-	-	-
PhytoGen	1140F331-04	1,057	655	-	-	-	-
PhytoGen	1150F357-04	996	736	-	-	-	-
PhytoGen	1150F360-04	1,058	662	-	-	-	-
PhytoGen	1150F361-04	995	611	-	-	-	-
Deltapine	23R8029B3XF	1,235	920	-	-	-	-
Deltapine	23R9143B3TXF	1,177	807	-	-	-	-
Deltapine	23R9822B3TXF	973	590	-	-	-	-
Deltapine	23R9918B3TXF	993	774	-	-	-	-
Armor	24X951 B3TXF	1,065	786	-	-	-	-
Armor	24X955 B3TXF	643	380	-	-	-	-
Armor	9831 B3XF	1,145	661	-	-	-	-
NexGen	AMX12502	792	235	-	-	-	-
NexGen	AMX12507	1,035	746	-	-	-	-
NexGen	AMX12526	1,065	578	-	-	-	-
NexGen	AMX12572	750	712	-	-	-	-
Stoneville	BX 2531AXTP	1,090	790	-	-	-	-
Stoneville	BX 2533AXTP	1,123	462	-	-	-	-
Stoneville	BX 2555AXTP	1,251	841	-	-	-	-
Stoneville	BX 2556AXTP	1,049	741	-	-	-	-
Stoneville	BX 2557AXTP	1,197	585	-	-	-	-
Dyna-Gro	DG 3615 B3XF	1,294	681	-	-	-	-
Dyna-Gro	DG 3799 B3XF	1,236	604	-	-	-	-
Dyna-Gro	DG 4434 B3TXF	893	610	-	-	-	-
Dyna-Gro	DG 4529 B3TXF	1,107	691	-	-	-	-
Dyna-Gro	DG H959 B3XF	1,085	576	-	-	-	-
Deltapine	DP 2038 B3XF	1,205	727	-	-	-	-
Deltapine	DP 2115 B3XF	1,212	631	-	-	-	-
Deltapine	DP 2127 B3XF	1,129	820	-	-	-	-
Deltapine	DP 2211 B3TXF	1,189	801	-	-	-	-
Deltapine	DP 2328 B3TXF	1,203	660	-	-	-	-
Deltapine	DP 2333 B3XF	1,193	772	-	-	-	-
Deltapine	DP 2414 B3TXF	1,117	896	-	-	-	-
NexGen	NG 3195 B3XF	1,139	783	-	-	-	-
NexGen	NG 3457 B3XF	817	725	-	-	-	-
NexGen	NG 5430 B3XF	1,134	747	-	-	-	-
PhytoGen	PHY 332 W3FE	950	745	-	-	-	-
PhytoGen	PHY 360 W3FE	936	745	-	-	-	-
PhytoGen	PHY 400 W3FE	1,045	620	-	-	-	-
PhytoGen	PHY 411 W3FE	1,013	767	-	-	-	-
PhytoGen	PHY 415 W3FE	986	654	-	-	-	-

Company/Brand Name	Variety	Tifton Irrigated	Tifton Dryland	Plains Irrigated	Plains Dryland	Attapulgus Irrigated	Attapulgus Dryland
PhytoGen	PHY 443 W3FE	1,053	770	-	-	-	-
PhytoGen	PHY 475 W3FE	980	563	-	-	-	-
PhytoGen	PHY 545 W3FE	1,217	803	-	-	-	-
Stoneville	ST 6000AXTP	1,262	799	-	-	-	-

Averages and Statistics

Statistic	Tifton Irrigated	Tifton Dryland	Plains Irrigated	Plains Dryland	Attapulgus Irrigated	Attapulgus Dryland
Mean	1,076	694	-	-	-	-
LSD at 10% Level	133	164	-	-	-	-
Model R-Square	0.92	0.72	-	-	-	-
C.V.	10.56	20.21	-	-	-	-

Conventional Strains Lint Yields in Lbs/Acre

Company/Brand Name	Variety	Tifton Irrigated	Plains Irrigated
Dyna-Gro	DG 3799 B3XF	1,693	-
UGA	GA 2020017	846	-
UGA	GA 2020023	1,051	-
UGA	GA 2020033	1,105	-
UGA	GA 2021030	842	-
UGA	GA 2021034	1,217	-
UGA	GA 2021039	1,045	-
UGA	GA 2022020	1,038	-
UGA	GA 2022049	1,276	-
SSG	UA 114	1,039	-
SSG	UA 222	1,163	-
SSG	UA 248	956	-

Averages and Statistics

Statistic	Tifton Irrigated	Plains Irrigated
Mean	1,102	-
LSD at 10% Level	213	-
Model R-Square	0.91	-
C.V.	15.70	-

Summary of Gin Turnout Rates

OVT Gin Turnout Rates²

Company/Brand Name	Variety	Tifton Irrigated	Tifton Dryland	Plains Irrigated	Plains Dryland	Attapulugus Irrigated	Attapulugus Dryland
Deltapine	DP 2038 B3XF	43.8	47.6	-	-	-	-
Armor	24X951 B3TXF	42.7	46.8	-	-	-	-
NexGen	AMX12572	41.8	46.5	-	-	-	-
Deltapine	23R8029B3XF	41.3	46.2	-	-	-	-
Dyna-Gro	DG 4434 B3TXF	41.3	46.2	-	-	-	-
Deltapine	23R9918B3TXF	42.8	45.9	-	-	-	-
Deltapine	23R9143B3TXF	42.5	45.5	-	-	-	-
PhytoGen	PHY 545 W3FE	40.6	45.5	-	-	-	-
Stoneville	ST 6000AXTP	43.5	45.5	-	-	-	-
Deltapine	DP 2414 B3TXF	42.0	45.0	-	-	-	-
Stoneville	BX 2555AXTP	44.4	44.9	-	-	-	-
Armor	24X955 B3TXF	40.2	44.8	-	-	-	-
Deltapine	DP 2211 B3TXF	42.1	44.6	-	-	-	-
NexGen	AMX12526	42.0	44.5	-	-	-	-
Deltapine	DP 2115 B3XF	41.4	44.5	-	-	-	-
PhytoGen	PHY 411 W3FE	39.4	44.5	-	-	-	-
Dyna-Gro	DG 3615 B3XF	41.1	44.4	-	-	-	-
Deltapine	DP 2127 B3XF	40.9	44.4	-	-	-	-
NexGen	NG 3457 B3XF	40.2	44.4	-	-	-	-
Armor	9831 B3XF	39.7	44.3	-	-	-	-
Stoneville	BX 2557AXTP	41.6	44.2	-	-	-	-
PhytoGen	PHY 360 W3FE	37.7	44.2	-	-	-	-
Deltapine	DP 2333 B3XF	42.6	44.1	-	-	-	-
NexGen	AMX12502	41.0	43.9	-	-	-	-
NexGen	NG 5430 B3XF	41.4	43.8	-	-	-	-
PhytoGen	1130F309-04	39.1	43.7	-	-	-	-
PhytoGen	1150F360-04	38.5	43.6	-	-	-	-
Stoneville	BX 2556AXTP	39.3	43.6	-	-	-	-
Deltapine	DP 2328 B3TXF	41.6	43.6	-	-	-	-
Deltapine	23R9822B3TXF	40.9	43.5	-	-	-	-
PhytoGen	PHY 443 W3FE	38.2	43.5	-	-	-	-
PhytoGen	1140F331-04	39.1	43.3	-	-	-	-
Dyna-Gro	DG 4529 B3TXF	39.5	43.3	-	-	-	--
PhytoGen	1140F329-04	39.9	43.0	-	-	-	-
Dyna-Gro	DG 3799 B3XF	41.0	43.0	-	-	-	-
NexGen	NG 3195 B3XF	40.3	43.0	-	-	-	-
PhytoGen	1140F330-04	38.9	42.8	-	-	-	-
PhytoGen	1150F357-04	38.2	42.4	-	-	-	-
PhytoGen	1150F361-04	39.0	42.2	-	-	-	-
Stoneville	BX 2531AXTP	39.8	42.2	-	-	-	-
Dyna-Gro	DG H959 B3XF	38.8	42.2	-	-	-	-

² 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>Attapulugus Irrigated</i>	<i>Attapulugus Dryland</i>
PhytoGen	PHY 400 W3FE	38.9	41.9	-	-	-	-
PhytoGen	PHY 475 W3FE	38.8	41.8	-	-	-	-
Stoneville	BX 2533AXTP	38.2	41.7	-	-	-	-
PhytoGen	PHY 415 W3FE	37.5	41.3	-	-	-	-
NexGen	AMX12507	37.5	41.1	-	-	-	-
PhytoGen	PHY 332 W3FE	36.4	41.0	-	-	-	-

Averages and Statistics

<i>Statistic</i>	<i>Tifton Irrigated</i>	<i>Tifton Dryland</i>	<i>Plains Irrigated</i>	<i>Plains Dryland</i>	<i>Attapulugus Irrigated</i>	<i>Attapulugus Dryland</i>
Mean	40.4	43.9	-	-	-	-
LSD at 10% Level	1.2	1.9	-	-	-	-
Model R-Square	0.96	0.84	-	-	-	-
C.V.	1.74	2.57	-	-	-	-

Conventional Strains Gin Turnout Rate³

<i>Company/Brand Name</i>	<i>Variety</i>	<i>Tifton Irrigated</i>	<i>Plains Irrigated</i>
Dyna-Gro	DG 3799 B3XF	48.1	-
UGA	GA 2020017	44.9	-
UGA	GA 2020023	43.0	-
UGA	GA 2020033	46.0	-
UGA	GA 2021030	43.2	-
UGA	GA 2021034	46.5	-
UGA	GA 2021039	44.7	-
UGA	GA 2022020	44.3	-
UGA	GA 2022049	44.3	-
SSG	UA 114	39.3	-
SSG	UA 222	45.6	-
SSG	UA 248	40.2	-

Averages and Statistics

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

³ Measured by percentage

Tifton, Georgia: Cotton Variety Performance Results, 2024

OVT Irrigated Results

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint¹ %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
Dyna-Gro	DG 3615 B3XF	1,294	3,137	41.1	4.3	1.15	32.0	81.8	8.3
Stoneville	ST 6000AXTP	1,262	2,936	43.5	4.3	1.17	32.6	83.5	7.9
Stoneville	BX 2555AXTP	1,251	2,819	44.4	4.4	1.14	32.4	82.7	7.6
Dyna-Gro	DG 3799 B3XF	1,236	3,007	41.0	4.5	1.14	32.2	82.2	8.4
Deltapine	23R8029B3XF	1,235	3,013	41.3	4.9	1.16	32.1	83.1	8.6
PhytoGen	PHY 545 W3FE	1,217	2,989	40.6	4.6	1.12	31.5	84.0	8.1
Deltapine	DP 2115 B3XF	1,212	2,906	41.4	4.7	1.13	30.2	83.2	7.6
Deltapine	DP 2038 B3XF	1,205	2,756	43.8	4.7	1.08	29.5	81.7	7.6
Deltapine	DP 2328 B3TXF	1,203	2,863	41.6	4.6	1.13	29.8	82.2	7.2
Stoneville	BX 2557AXTP	1,197	2,851	41.5	4.6	1.17	34.8	84.1	7.6
Deltapine	DP 2333 B3XF	1,193	2,795	42.6	4.6	1.15	30.1	83.1	7.1
Deltapine	DP 2211 B3TXF	1,189	2,840	42.1	4.7	1.15	30.1	82.9	7.3
Deltapine	23R9143B3TXF	1,177	2,767	42.5	4.8	1.14	29.7	83.1	8.4
PhytoGen	1140F330-04	1,155	2,970	38.9	4.6	1.13	32.6	83.0	8.0
Armor	9831 B3XF	1,145	2,896	39.7	4.7	1.15	31.0	82.4	7.8
NexGen	NG 3195 B3XF	1,139	2,839	40.3	4.6	1.11	30.2	82.7	7.8
NexGen	NG 5430 B3XF	1,134	2,728	41.4	4.4	1.18	33.4	82.6	8.2
Deltapine	DP 2127 B3XF	1,129	2,730	40.9	4.8	1.10	29.8	83.0	7.9
Stoneville	BX 2533AXTP	1,123	2,942	38.2	4.5	1.17	30.9	83.8	8.1
PhytoGen	1130F309-04	1,121	2,861	39.0	4.4	1.13	30.2	83.1	8.0
Deltapine	DP 2414 B3TXF	1,117	2,671	42.0	4.5	1.14	29.2	83.3	7.9
Dyna-Gro	DG 4529 B3TXF	1,107	2,809	39.5	4.2	1.18	30.6	82.0	8.4
Stoneville	BX 2531AXTP	1,090	2,733	39.8	4.3	1.16	31.4	82.6	8.1
Dyna-Gro	DG H959 B3XF	1,085	2,800	38.8	4.3	1.17	31.7	81.2	8.0
PhytoGen	1140F329-04	1,079	2,705	39.9	4.6	1.15	32.0	82.3	8.2
Armor	24X951 B3TXF	1,065	2,487	42.7	4.7	1.14	28.0	82.9	7.6
NexGen	AMX12526 B3TXF	1,065	2,523	42.0	4.8	1.14	30.6	84.8	7.8
PhytoGen	1150F360-04	1,058	2,775	38.5	4.6	1.18	33.6	83.8	8.1
PhytoGen	1140F331-04	1,057	2,718	39.1	4.7	1.12	32.4	84.2	8.2
PhytoGen	PHY 443 W3FE	1,053	2,727	38.2	4.7	1.11	31.3	83.3	8.5
Stoneville	BX 2556AXTP	1,049	2,664	39.3	3.8	1.18	32.2	82.8	7.2
PhytoGen	PHY 400 W3FE	1,045	2,690	38.9	4.2	1.13	32.1	82.0	7.7
NexGen	AMX12507 B3TXF	1,035	2,758	37.5	4.5	1.18	30.7	83.0	7.6
PhytoGen	PHY 411 W3FE	1,013	2,577	39.4	4.7	1.09	30.8	82.2	7.5
PhytoGen	1150F357-04	996	2,592	38.1	4.5	1.11	32.7	84.0	8.3
PhytoGen	1150F361-04	995	2,565	39.0	4.5	1.18	33.1	83.1	8.3
Deltapine	23R9918B3TXF	993	2,295	42.8	4.5	1.13	30.7	82.2	7.0
PhytoGen	PHY 415 W3FE	986	2,639	37.5	4.5	1.15	32.4	83.4	8.4

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint' %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
PhytoGen	PHY 475 W3FE	980	2,523	38.8	4.4	1.14	32.4	82.4	8.0
Deltapine	23R9822B3TXF	973	2,392	40.9	4.4	1.12	29.1	81.5	7.5
PhytoGen	PHY 332 W3FE	950	2,598	36.4	4.5	1.16	30.9	83.7	8.7
PhytoGen	PHY 360 W3FE	936	2,494	37.7	4.6	1.13	30.5	82.4	7.6
Dyna-Gro	DG 4434 B3TXF	893	2,162	41.3	4.2	1.16	29.7	81.9	7.8
NexGen	NG 3457 B3XF	817	2,031	40.1	4.5	1.13	29.9	82.9	8.4
NexGen	AMX12502 B3TXF	792	1,936	41.0	4.0	1.16	29.7	81.0	7.3
NexGen	AMX12572 B3TXF	750	1,799	41.8	4.6	1.10	29.2	83.5	7.4
Armor	24X955 B3TXF	643	1,604	40.1	3.9	1.13	29.7	82.0	7.3

Averages and Statistics

Statistic	Lint Yield	Seed Cot. Yield	Lint%¹	Micronaire	Length	Strength	Uniformity	Yellowness²
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

1. Determined using the Micro-Gin located on the UGA Tifton Campus.

2. Color Grade (+b).

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

Bolded yields are statistically non-significant ($p = 0.10$ 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:

Previous Crop:

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	Lint¹ %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
Dyna-Gro	DG 3799 B3XF	1,693	3,508	48.1	-	-	-	-	-
UGA	GA 2022049	1,276	2,873	44.3	-	-	-	-	-
UGA	GA 2021034	1,217	2,660	46.5	-	-	-	-	-
SSG	UA 222	1,163	2,546	45.6	-	-	-	-	-
UGA	GA 2021039	1,105	2,389	44.7	-	-	-	-	-
SSG	UA 248	1,051	2,501	40.2	-	-	-	-	-
UGA	GA 2020033	1,045	2,381	46.0	-	-	-	-	-
SSG	UA 114	1,039	2,664	39.3	-	-	-	-	-
UGA	GA 2022020	1,038	2,353	44.3	-	-	-	-	-
UGA	GA 2020023	956	2,395	43.0	-	-	-	-	-
UGA	GA 2020017	846	1,957	44.9	-	-	-	-	-
UGA	GA 2021030	842	1,975	43.2	-	-	-	-	-

Averages and Statistics

Statistic	Lint Yield	Seed Cot. Yield	Lint¹%	Micronaire	Length	Strength	Uniformity	Yellowness²
Mean	1,102	2,512	43.9	-	-	-	-	-
LSD at 10% Level	213	491	2.0	-	-	-	-	-
Model R-Square	0.90	0.90	0.99	-	-	-	-	-
C.V.	15.70	15.88	1.91	-	-	-	-	-

1. Determined using the table-top research gins.

2. Color Grade (+b).

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

Bolded yields are statistically non-significant ($p = 0.10$ 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:

Previous Crop:

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

OVT Dryland Results

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint' %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
Deltapine	DP 2038 B3XF	727	1,534	47.6	-	-	-	-	-
Armor	24X951 B3TXF	786	1,685	46.8	-	-	-	-	-
NexGen	AMX12572 B3TXF	712	1,533	46.5	-	-	-	-	-
Deltapine	23R8029B3XF	920	1,999	46.2	-	-	-	-	-
Dyna-Gro	DG 4434 B3TXF	610	1,308	46.2	-	-	-	-	-
Deltapine	23R9918B3TXF	774	1,691	45.9	-	-	-	-	-
Deltapine	23R9143B3TXF	807	1,776	45.5	-	-	-	-	-
PhytoGen	PHY 545 W3FE	803	1,770	45.5	-	-	-	-	-
Stoneville	ST 6000AXTP	799	1,755	45.5	-	-	-	-	-
Deltapine	DP 2414 B3TXF	896	1,995	45.0	-	-	-	-	-
Stoneville	BX 2555AXTP	841	1,879	44.9	-	-	-	-	-
Armor	24X955 B3TXF	380	849	44.8	-	-	-	-	-
Deltapine	DP 2211 B3TXF	801	1,794	44.6	-	-	-	-	-
PhytoGen	PHY 411 W3FE	767	1,725	44.5	-	-	-	-	-
Deltapine	DP 2115 B3XF	631	1,412	44.5	-	-	-	-	-
NexGen	AMX12526 B3TXF	578	1,301	44.5	-	-	-	-	-
Deltapine	DP 2127 B3XF	820	1,843	44.4	-	-	-	-	-
NexGen	NG 3457 B3XF	725	1,630	44.4	-	-	-	-	-
Dyna-Gro	DG 3615 B3XF	681	1,528	44.4	-	-	-	-	-
Armor	9831 B3XF	661	1,493	44.3	-	-	-	-	-
PhytoGen	PHY 360 W3FE	745	1,682	44.2	-	-	-	-	-
Stoneville	BX 2557AXTP	585	1,247	44.2	-	-	-	-	-
Deltapine	DP 2333 B3XF	772	1,750	44.1	-	-	-	-	-
NexGen	AMX12502 B3TXF	235	534	43.9	-	-	-	-	-
NexGen	NG 5430 B3XF	747	1,708	43.8	-	-	-	-	-
PhytoGen	1130F309-04	750	1,715	43.7	-	-	-	-	-
Stoneville	BX 2556AXTP	741	1,706	43.6	-	-	-	-	-
PhytoGen	1150F360-04	662	1,520	43.6	-	-	-	-	-
Deltapine	DP 2328 B3TXF	660	1,517	43.6	-	-	-	-	-
PhytoGen	PHY 443 W3FE	770	1,769	43.5	-	-	-	-	-
Deltapine	23R9822B3TXF	590	1,354	43.5	-	-	-	-	-
Dyna-Gro	DG 4529 B3TXF	691	1,597	43.3	-	-	-	-	-
PhytoGen	1140F331-04	655	1,511	43.3	-	-	-	-	-
NexGen	NG 3195 B3XF	783	1,822	43.0	-	-	-	-	-
PhytoGen	1140F329-04	763	1,772	43.0	-	-	-	-	-
Dyna-Gro	DG 3799 B3XF	604	1,404	43.0	-	-	-	-	-
PhytoGen	1140F330-04	722	1,688	42.8	-	-	-	-	-
PhytoGen	1150F357-04	736	1,738	42.4	-	-	-	-	-
Stoneville	BX 2531AXTP	790	1,869	42.2	-	-	-	-	-
PhytoGen	1150F361-04	611	1,453	42.2	-	-	-	-	-
Dyna-Gro	DG H959 B3XF	576	1,366	42.2	-	-	-	-	-
PhytoGen	PHY 400 W3FE	620	1,483	41.9	-	-	-	-	-

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint' %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
PhytoGen	PHY 475 W3FE	563	1,346	41.8	-	-	-	-	-
Stoneville	BX 2533AXTP	462	1,111	41.7	-	-	-	-	-
PhytoGen	PHY 415 W3FE	654	1,577	41.3	-	-	-	-	-
NexGen	AMX12507 B3TXF	746	1,820	41.1	-	-	-	-	-
PhytoGen	PHY 332 W3FE	745	1,826	41.0	-	-	-	-	-

Averages and Statistics

Statistic	Lint Yield	Seed Cot. Yield	Lint%	Micronaire	Length	Strength	Uniformity	Yellowness
Mean	694	1,579	43.9	-	-	-	-	-
LSD at 10% Level	164	NS	1.9	-	-	-	-	-
Model R-Square	0.72	0.72	0.84	-	-	-	-	-
C.V.	20.21	20.28	2.57	-	-	-	-	-

1. Determined using the table-top research gins.
2. Color Grade (+b).

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

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

OVT entries require tolerance to glyphosate and glufosinate herbicides.

“NS” indicates differences are statistically non-significant ($p = 0.10$ probability level)

Planted: April 29, 2024

Harvested: October 17, 2024

Soil Type:

Previous Crop:

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

Plains, Georgia: Cotton Variety Performance Results, 2024

OVT Irrigated Results

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint¹ %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
Dyna-Gro	DG 4529 B3TXF	-	2,464	-	-	-	-	-	-
PhytoGen	1140F330-04	-	2,363	-	-	-	-	-	-
Armor	24X955 B3TXF	-	2,255	-	-	-	-	-	-
PhytoGen	PHY 415 W3FE	-	2,200	-	-	-	-	-	-
Deltapine	23R9143B3TXF	-	2,165	-	-	-	-	-	-
Deltapine	DP 2414 B3TXF	-	2,134	-	-	-	-	-	-
PhytoGen	1140F329-04	-	2,077	-	-	-	-	-	-
NexGen	NG 3195 B3XF	-	2,075	-	-	-	-	-	-
NexGen	AMX12507 B3TXF	-	2,041	-	-	-	-	-	-
Armor	24X951 B3TXF	-	2,029	-	-	-	-	-	-
Deltapine	DP 2127 B3XF	-	2,024	-	-	-	-	-	-
Deltapine	23R9822B3TXF	-	1,988	-	-	-	-	-	-
NexGen	NG 5430 B3XF	-	1,983	-	-	-	-	-	-
Deltapine	DP 2328 B3TXF	-	1,972	-	-	-	-	-	-
PhytoGen	1130F309-04	-	1,966	-	-	-	-	-	-
Deltapine	23R9918B3TXF	-	1,962	-	-	-	-	-	-
Deltapine	23R8029B3XF	-	1,958	-	-	-	-	-	-
Stoneville	BX 2531AXTP	-	1,950	-	-	-	-	-	-
NexGen	AMX12502 B3TXF	-	1,931	-	-	-	-	-	-
PhytoGen	PHY 360 W3FE	-	1,901	-	-	-	-	-	-
Dyna-Gro	DG 4434 B3TXF	-	1,897	-	-	-	-	-	-
PhytoGen	PHY 443 W3FE	-	1,881	-	-	-	-	-	-
PhytoGen	1150F357-04	-	1,864	-	-	-	-	-	-
PhytoGen	PHY 475 W3FE	-	1,859	-	-	-	-	-	-
PhytoGen	1150F361-04	-	1,846	-	-	-	-	-	-
PhytoGen	PHY 411 W3FE	-	1,836	-	-	-	-	-	-
PhytoGen	1150F360-04	-	1,836	-	-	-	-	-	-
Deltapine	DP 2333 B3XF	-	1,826	-	-	-	-	-	-
PhytoGen	PHY 332 W3FE	-	1,809	-	-	-	-	-	-
Stoneville	BX 2533AXTP	-	1,771	-	-	-	-	-	-
PhytoGen	PHY 545 W3FE	-	1,768	-	-	-	-	-	-
PhytoGen	1140F331-04	-	1,759	-	-	-	-	-	-
Stoneville	ST 6000AXTP	-	1,738	-	-	-	-	-	-
Dyna-Gro	DG H959 B3XF	-	1,706	-	-	-	-	-	-
Deltapine	DP 2038 B3XF	-	1,683	-	-	-	-	-	-
NexGen	AMX12572 B3TXF	-	1,669	-	-	-	-	-	-
NexGen	AMX12526 B3TXF	-	1,636	-	-	-	-	-	-
Deltapine	DP 2211 B3TXF	-	1,632	-	-	-	-	-	-

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint¹ %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
Dyna-Gro	DG 3615 B3XF	-	1,629	-	-	-	-	-	-
Armor	9831 B3XF	-	1,604	-	-	-	-	-	-
PhytoGen	PHY 400 W3FE	-	1,582	-	-	-	-	-	-
Deltapine	DP 2115 B3XF	-	1,577	-	-	-	-	-	-
Stoneville	BX 2556AXTP	-	1,572	-	-	-	-	-	-
Stoneville	BX 2557AXTP	-	1,548	-	-	-	-	-	-
Dyna-Gro	DG 3799 B3XF	-	1,499	-	-	-	-	-	-
NexGen	NG 3457 B3XF	-	1,467	-	-	-	-	-	-
Stoneville	BX 2555AXTP	-	1,465	-	-	-	-	-	-

Averages and Statistics

Statistic	Lint Yield	Seed Cot. Yield	Lint%¹	Micronaire	Length	Strength	Uniformity	Yellowness²
Mean	-	1,852	-	-	-	-	-	-
LSD at 10% Level	-	358	-	-	-	-	-	-
Model R-Square	-	0.68	-	-	-	-	-	-
C.V.	-	16.48	-	-	-	-	-	-

1. Determined using the table-top research gins.
2. Color Grade (+b).

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

Bolded yields are statistically non-significant ($p = 0.10$ 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:
Previous Crop:

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	Lint¹ %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
Dyna-Gro	DG 3799 B3XF	-	1,927	-	-	-	-	-	-
UGA	GA 2020017	-	1,581	-	-	-	-	-	-
UGA	GA 2020023	-	2,003	-	-	-	-	-	-
UGA	GA 2020033	-	1,607	-	-	-	-	-	-
UGA	GA 2021030	-	1,687	-	-	-	-	-	-
UGA	GA 2021034	-	1,933	-	-	-	-	-	-
UGA	GA 2021039	-	2,146	-	-	-	-	-	-
UGA	GA 2022020	-	1,800	-	-	-	-	-	-
UGA	GA 2022049	-	1,528	-	-	-	-	-	-
SSG	UA 114	-	1,785	-	-	-	-	-	-
SSG	UA 222	-	1,991	-	-	-	-	-	-
SSG	UA 248	-	1,861	-	-	-	-	-	-

Averages and Statistics

Statistic	Lint Yield	Seed Cot. Yield	Lint%¹	Micronaire	Length	Strength	Uniformity	Yellowness²
Mean	-	1,821	-	-	-	-	-	-
LSD at 10% Level	-	234	-	-	-	-	-	-
Model R-Square	-	0.80	-	-	-	-	-	-
C.V.	-	10.55	-	-	-	-	-	-

1. Determined using the table-top research gins.
2. Color Grade (+b).

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

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry. OVT entries require tolerance to glyphosate and glufosinate herbicides.

Planted: May 5, 2024
 Harvested: October 30, 2024
 Soil Type:
 Previous Crop:

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

OVT Dryland Results

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint¹ %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
Deltapine	23R9822B3TXF	-	1,155	-	-	-	-	-	-
Deltapine	DP 2328 B3TXF	-	1,129	-	-	-	-	-	-
PhytoGen	PHY 415 W3FE	-	1,126	-	-	-	-	-	-
PhytoGen	PHY 475 W3FE	-	1,101	-	-	-	-	-	-
Armor	24X951 B3TXF	-	1,091	-	-	-	-	-	-
NexGen	AMX12507 B3TXF	-	1,090	-	-	-	-	-	-
NexGen	NG 5430 B3XF	-	1,084	-	-	-	-	-	-
Armor	24X955 B3TXF	-	1,081	-	-	-	-	-	-
Deltapine	DP 2414 B3TXF	-	1,067	-	-	-	-	-	-
Deltapine	DP 2127 B3XF	-	1,059	-	-	-	-	-	-
PhytoGen	PHY 411 W3FE	-	1,052	-	-	-	-	-	-
PhytoGen	1140F331-04	-	1,048	-	-	-	-	-	-
PhytoGen	1150F360-04	-	1,043	-	-	-	-	-	-
PhytoGen	1140F330-04	-	1,028	-	-	-	-	-	-
NexGen	AMX12502 B3TXF	-	1,011	-	-	-	-	-	-
PhytoGen	1150F361-04	-	1,009	-	-	-	-	-	-
NexGen	NG 3195 B3XF	-	1,007	-	-	-	-	-	-
Deltapine	23R9143B3TXF	-	990	-	-	-	-	-	-
PhytoGen	1150F357-04	-	970	-	-	-	-	-	-
Stoneville	ST 6000AXTP	-	966	-	-	-	-	-	-
PhytoGen	1140F329-04	-	959	-	-	-	-	-	-
PhytoGen	PHY 545 W3FE	-	943	-	-	-	-	-	-
Stoneville	BX 2531AXTP	-	935	-	-	-	-	-	-
Dyna-Gro	DG 4529 B3TXF	-	924	-	-	-	-	-	-
PhytoGen	PHY 360 W3FE	-	923	-	-	-	-	-	-
Deltapine	DP 2211 B3TXF	-	909	-	-	-	-	-	-
Deltapine	23R8029B3XF	-	887	-	-	-	-	-	-
Dyna-Gro	DG 4434 B3TXF	-	876	-	-	-	-	-	-
Deltapine	23R9918B3TXF	-	876	-	-	-	-	-	-
NexGen	AMX12526 B3TXF	-	875	-	-	-	-	-	-
Deltapine	DP 2333 B3XF	-	872	-	-	-	-	-	-
PhytoGen	PHY 443 W3FE	-	844	-	-	-	-	-	-
PhytoGen	1130F309-04	-	837	-	-	-	-	-	-
NexGen	AMX12572 B3TXF	-	834	-	-	-	-	-	-
Dyna-Gro	DG 3799 B3XF	-	807	-	-	-	-	-	-
NexGen	NG 3457 B3XF	-	787	-	-	-	-	-	-
PhytoGen	PHY 332 W3FE	-	784	-	-	-	-	-	-
Stoneville	BX 2556AXTP	-	780	-	-	-	-	-	-
Deltapine	DP 2115 B3XF	-	748	-	-	-	-	-	-
Stoneville	BX 2557AXTP	-	737	-	-	-	-	-	-
Stoneville	BX 2533AXTP	-	716	-	-	-	-	-	-

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint¹ %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
Stoneville	BX 2555AXTP	-	709	-	-	-	-	-	-
Deltapine	DP 2038 B3XF	-	695	-	-	-	-	-	-
Dyna-Gro	DG H959 B3XF	-	649	-	-	-	-	-	-
Dyna-Gro	DG 3615 B3XF	-	575	-	-	-	-	-	-
PhytoGen	PHY 400 W3FE	-	559	-	-	-	-	-	-
Armor	9831 B3XF	-	510	-	-	-	-	-	-

Averages and Statistics

Statistic	Lint Yield	Seed Cot. Yield	Lint%¹	Micronaire	Length	Strength	Uniformity	Yellowness²
Mean	-	906	-	-	-	-	-	-
LSD at 10% Level	-	NS	-	-	-	-	-	-
Model R-Square	-	0.73	-	-	-	-	-	-
C.V.	-	18.62	-	-	-	-	-	-

1. Determined using the table-top research gins.
2. Color Grade (+b).

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

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry. OVT entries require tolerance to glyphosate and glufosinate herbicides. "NS" indicates differences are statistically non-significant ($p = 0.10$ probability level).

Planted: May 3, 2024
Harvested: October 30, 2024
Soil Type:
Previous Crop:

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

Attapulugus, Georgia: Cotton Variety Performance Results, 2024

OVT Irrigated Results

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint¹ %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
PhytoGen	1140F329-04	-	4,722	-	-	-	-	-	-
Dyna-Gro	DG 3615 B3XF	-	4,660	-	-	-	-	-	-
PhytoGen	PHY 475 W3FE	-	4,635	-	-	-	-	-	-
PhytoGen	1150F360-04	-	4,557	-	-	-	-	-	-
Dyna-Gro	DG 4529 B3TXF	-	4,532	-	-	-	-	-	-
PhytoGen	1150F357-04	-	4,528	-	-	-	-	-	-
Deltapine	23R8029B3XF	-	4,518	-	-	-	-	-	-
Armor	9831 B3XF	-	4,396	-	-	-	-	-	-
PhytoGen	1150F361-04	-	4,378	-	-	-	-	-	-
Stoneville	BX 2557AXTP	-	4,346	-	-	-	-	-	-
Deltapine	23R9918B3TXF	-	4,280	-	-	-	-	-	-
Deltapine	DP 2211 B3TXF	-	4,276	-	-	-	-	-	-
PhytoGen	PHY 332 W3FE	-	4,245	-	-	-	-	-	-
Stoneville	BX 2531AXTP	-	4,243	-	-	-	-	-	-
Stoneville	BX 2533AXTP	-	4,219	-	-	-	-	-	-
PhytoGen	1140F330-04	-	4,171	-	-	-	-	-	-
Stoneville	ST 6000AXTP	-	4,154	-	-	-	-	-	-
Dyna-Gro	DG H959 B3XF	-	4,139	-	-	-	-	-	-
PhytoGen	1130F309-04	-	4,110	-	-	-	-	-	-
Deltapine	DP 2414 B3TXF	-	4,067	-	-	-	-	-	-
Deltapine	DP 2333 B3XF	-	4,034	-	-	-	-	-	-
PhytoGen	PHY 360 W3FE	-	4,034	-	-	-	-	-	-
PhytoGen	PHY 411 W3FE	-	4,033	-	-	-	-	-	-
Armor	24X955 B3TXF	-	4,018	-	-	-	-	-	-
PhytoGen	PHY 400 W3FE	-	4,012	-	-	-	-	-	-
Dyna-Gro	DG 3799 B3XF	-	4,011	-	-	-	-	-	-
Armor	24X951 B3TXF	-	3,993	-	-	-	-	-	-
PhytoGen	1140F331-04	-	3,991	-	-	-	-	-	-
NexGen	NG 3195 B3XF	-	3,973	-	-	-	-	-	-
PhytoGen	PHY 545 W3FE	-	3,934	-	-	-	-	-	-
PhytoGen	PHY 443 W3FE	-	3,931	-	-	-	-	-	-
Stoneville	BX 2556AXTP	-	3,928	-	-	-	-	-	-
Dyna-Gro	DG 4434 B3TXF	-	3,911	-	-	-	-	-	-
Stoneville	BX 2555AXTP	-	3,880	-	-	-	-	-	-
PhytoGen	PHY 415 W3FE	-	3,796	-	-	-	-	-	-
Deltapine	DP 2127 B3XF	-	3,783	-	-	-	-	-	-
NexGen	NG 3457 B3XF	-	3,773	-	-	-	-	-	-
NexGen	NG 5430 B3XF	-	3,765	-	-	-	-	-	-

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint¹ %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
NexGen	AMX12507 B3TXF	-	3,740	-	-	-	-	-	-
Deltapine	DP 2038 B3XF	-	3,703	-	-	-	-	-	-
Deltapine	DP 2115 B3XF	-	3,684	-	-	-	-	-	-
Deltapine	23R9143B3TXF	-	3,617	-	-	-	-	-	-
NexGen	AMX12572 B3TXF	-	3,607	-	-	-	-	-	-
NexGen	AMX12502 B3TXF	-	3,589	-	-	-	-	-	-
Deltapine	DP 2328 B3TXF	-	3,382	-	-	-	-	-	-
Deltapine	23R9822B3TXF	-	3,308	-	-	-	-	-	-
NexGen	AMX12526 B3TXF	-	3,279	-	-	-	-	-	-

Averages and Statistics

Statistic	Lint Yield	Seed Cot. Yield	Lint%¹	Micronaire	Length	Strength	Uniformity	Yellowness²
Mean	-	4,040	-	-	-	-	-	-
LSD at 10% Level	-	365	-	-	-	-	-	-
Model R-Square	-	0.71	-	-	-	-	-	-
C.V.	-	7.70	-	-	-	-	-	-

1. Determined using the table-top research gins.
2. Color Grade (+b).

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

Bolded yields are statistically non-significant ($p = 0.10$ 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:
Previous Crop:

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

OVT Dryland Results

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint¹ %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
Deltapine	DP 2414 B3TXF	-	2,849	-	-	-	-	-	-
NexGen	NG 5430 B3XF	-	2,694	-	-	-	-	-	-
Deltapine	23R8029B3XF	-	2,547	-	-	-	-	-	-
Dyna-Gro	DG H959 B3XF	-	2,535	-	-	-	-	-	-
PhytoGen	PHY 475 W3FE	-	2,510	-	-	-	-	-	-
Deltapine	DP 2115 B3XF	-	2,499	-	-	-	-	-	-
Dyna-Gro	DG 3799 B3XF	-	2,456	-	-	-	-	-	-
Deltapine	DP 2127 B3XF	-	2,450	-	-	-	-	-	-
Dyna-Gro	DG 4529 B3TXF	-	2,432	-	-	-	-	-	-
Deltapine	DP 2328 B3TXF	-	2,411	-	-	-	-	-	-
PhytoGen	1140F331-04	-	2,359	-	-	-	-	-	-
PhytoGen	1130F309-04	-	2,347	-	-	-	-	-	-
Deltapine	DP 2211 B3TXF	-	2,337	-	-	-	-	-	-
NexGen	NG 3195 B3XF	-	2,335	-	-	-	-	-	-
Armor	24X955 B3TXF	-	2,333	-	-	-	-	-	-
NexGen	AMX12502 B3TXF	-	2,325	-	-	-	-	-	-
Armor	9831 B3XF	-	2,306	-	-	-	-	-	-
PhytoGen	PHY 415 W3FE	-	2,282	-	-	-	-	-	-
PhytoGen	1150F361-04	-	2,271	-	-	-	-	-	-
Stoneville	BX 2533AXTP	-	2,231	-	-	-	-	-	-
Deltapine	23R9143B3TXF	-	2,211	-	-	-	-	-	-
Deltapine	DP 2333 B3XF	-	2,206	-	-	-	-	-	-
Stoneville	BX 2531AXTP	-	2,172	-	-	-	-	-	-
NexGen	AMX12507 B3TXF	-	2,165	-	-	-	-	-	-
PhytoGen	1140F330-04	-	2,139	-	-	-	-	-	-
NexGen	AMX12526 B3TXF	-	2,133	-	-	-	-	-	-
PhytoGen	PHY 360 W3FE	-	2,120	-	-	-	-	-	-
Deltapine	DP 2038 B3XF	-	2,107	-	-	-	-	-	-
NexGen	NG 3457 B3XF	-	2,086	-	-	-	-	-	-
Armor	24X951 B3TXF	-	2,080	-	-	-	-	-	-
PhytoGen	1150F360-04	-	2,066	-	-	-	-	-	-
PhytoGen	1150F357-04	-	2,062	-	-	-	-	-	-
Dyna-Gro	DG 3615 B3XF	-	2,056	-	-	-	-	-	-
Stoneville	ST 6000AXTP	-	2,044	-	-	-	-	-	-
PhytoGen	1140F329-04	-	2,021	-	-	-	-	-	-
Stoneville	BX 2557AXTP	-	1,969	-	-	-	-	-	-
PhytoGen	PHY 545 W3FE	-	1,962	-	-	-	-	-	-
Stoneville	BX 2555AXTP	-	1,962	-	-	-	-	-	-
Deltapine	23R9918B3TXF	-	1,938	-	-	-	-	-	-
Stoneville	BX 2556AXTP	-	1,934	-	-	-	-	-	-
NexGen	AMX12572 B3TXF	-	1,851	-	-	-	-	-	-

Company/ Brand Name	Variety	Lint Yield lb/acre	Seed Cot. Yield lb/acre	Lint¹ %	Micronaire units	Length inches	Strength (g/tex)	Uniformity %	Yellowness² grade
PhytoGen	PHY 400 W3FE	-	1,812	-	-	-	-	-	-
Deltapine	23R9822B3TXF	-	1,806	-	-	-	-	-	-
PhytoGen	PHY 443 W3FE	-	1,777	-	-	-	-	-	-
PhytoGen	PHY 411 W3FE	-	1,714	-	-	-	-	-	-
PhytoGen	PHY 332 W3FE	-	1,682	-	-	-	-	-	-
Dyna-Gro	DG 4434 B3TXF	-	1,354	-	-	-	-	-	-

Averages and Statistics

Statistic	Lint Yield	Seed Cot. Yield	Lint%¹	Micronaire	Length	Strength	Uniformity	Yellowness²
Mean	-	2,175	-	-	-	-	-	-
LSD at 10% Level	-	234	-	-	-	-	-	-
Model R-Square	-	0.83	-	-	-	-	-	-
C.V.	-	9.18	-	-	-	-	-	-

1. Determined using the table-top research gins.
2. Color Grade (+b).

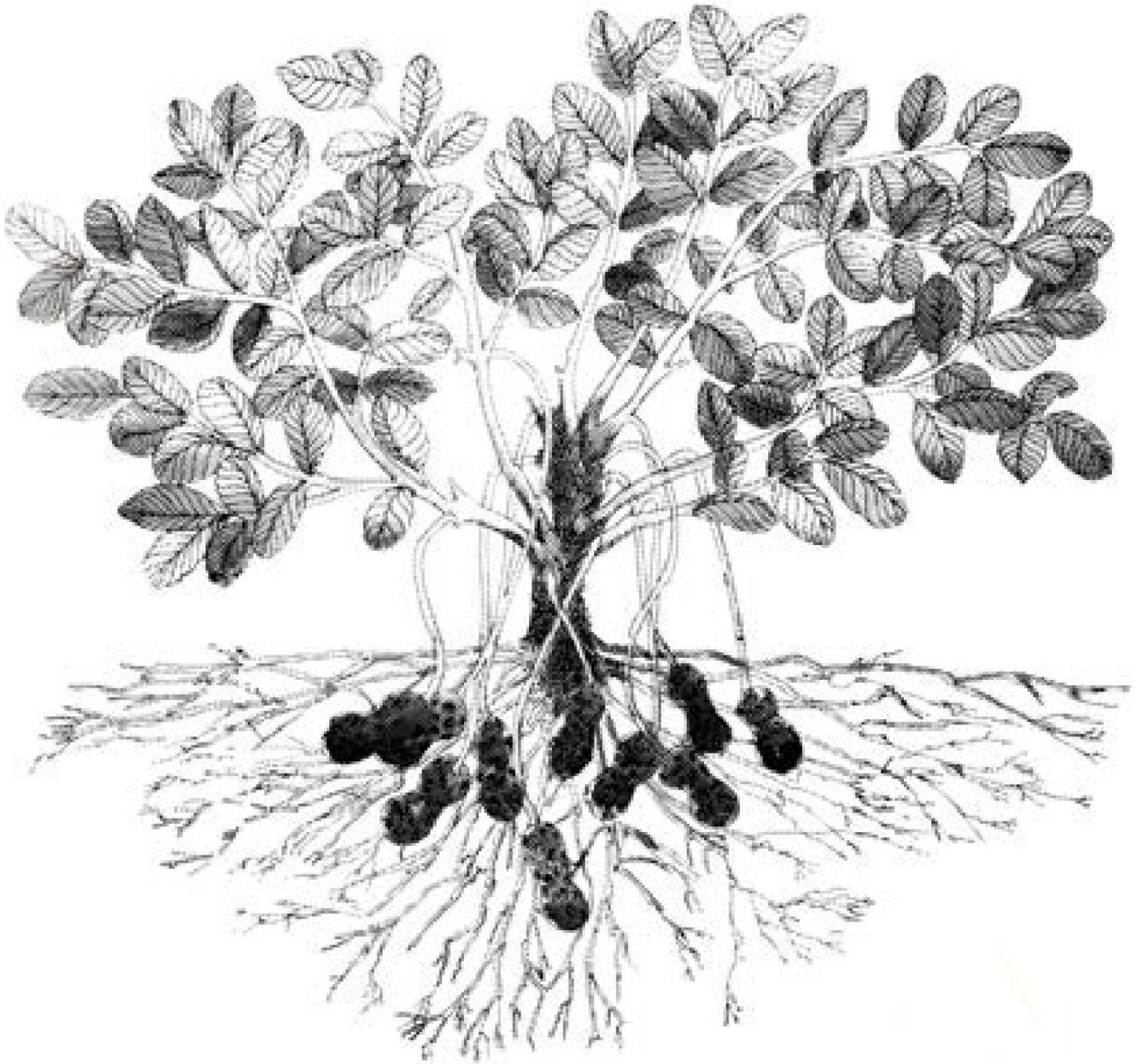
Fiber-Quality data obtained from USDA classing office in Memphis, Tennessee.

Bolded yields are statistically non-significant ($p = 0.10$ 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:
Previous Crop:

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

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	7,887	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'	6,652	8,263	7,457	4,139	6,959	5,549	6,503	M
FloRunTM '52N'	6,267	7,551	6,909	3,852	6,334	5,093	6,001	M
FloRunTM 'T61'	5,931	7,936	6,933	3,663	6,381	5,022	5,978	M
GA 132724	6,256	7,859	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	7,927	7,054	3,443	6,299	4,871	5,962	M
GA 192506	6,301	6,668	6,485	3,626	7,611	5,618	6,051	M+
GA 192518	6,120	8,216	7,168	3,870	6,030	4,950	6,059	M
GA 192710	6,559	7,830	7,194	3,101	6,093	4,597	5,896	M
Georgia Greener	5,934	8,042	6,988	3,138	5,959	4,548	5,768	M
Georgia-06G	6,775	8,087	7,431	3,242	6,741	4,991	6,211	M
Georgia-09B	5,969	8,102	7,035	2,699	6,468	4,584	5,809	M
Georgia-12Y	6,253	6,284	6,268	3,711	6,045	4,878	5,573	ML
Georgia-14N	5,176	6,643	5,909	2,918	5,976	4,447	5,178	M+
Georgia-16HO	6,539	8,140	7,339	4,016	6,557	5,286	6,313	M
Georgia-18RU	6,339	7,120	6,729	3,932	6,784	5,358	6,043	M+
Georgia-20VHO	6,100	6,513	6,307	3,553	5,999	4,776	5,541	M
Georgia-21GR	5,887	6,216	6,052	3,553	5,540	4,546	5,299	M+
Georgia-22MPR	5,996	6,478	6,237	2,833	5,815	4,324	5,281	ML
Georgia-23RKN	6,118	6,741	6,430	3,259	7,000	5,130	5,780	M+
IPG 913	6,180	7,875	7,027	3,158	6,221	4,689	5,858	M
TifCB 7	6,613	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	6,476	8,177	7,327	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 '297'	6,279	8,144	7,211	3,748	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	6136	7,430	6,783	3,425	6,286	4,855	5,819
LSD at 10%	314	NS	257	471	349	292	194
Model R-Square	0.62	0.76	0.86	0.6	0.66	0.94	0.95
C.V.	5.35	5.77	5.63	14.39	5.81	8.93	7.02

*Spanish and Valencia¹*Spanish

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

Valencia

Variety	Peanut Yield lb/Acre	Maturity
Georgia-Val/HO	2,619	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

Statistic	Peanut Yield
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

"NS" indicates differences are statistically non-significant ($p = 0.10$ probability level).

¹ Spanish and Valencia varieties are only tested at Tifton under irrigated conditions.

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

Runner

<i>Variety</i>	<i>Peanut Yield lb/Acre</i>	<i>Seed no./lb</i>	<i>TSMK%</i>	<i>OK%</i>	<i>DK%</i>	<i>ELK%</i>	<i>Maturity</i>
Georgia-06G	6,775	-	-	-	-	-	M
FloRunTM '331'	6,652	-	-	-	-	-	M
TifCB 7	6,613	-	-	-	-	-	M
GA 192710	6,559	-	-	-	-	-	M
Georgia-16HO	6,539	-	-	-	-	-	M
TifNV-HG	6,476	-	-	-	-	-	M
Georgia-18RU	6,339	-	-	-	-	-	M+
GA 192506	6,301	-	-	-	-	-	M+
TUFRunnerTM '297'	6,279	-	-	-	-	-	M
TifNV-High O/L	6,278	-	-	-	-	-	M
FloRunTM '52N'	6,266	-	-	-	-	-	M
GA 132724	6,256	-	-	-	-	-	M
Georgia-12Y	6,252	-	-	-	-	-	ML
GA 192504	6,181	-	-	-	-	-	M
IPG 913	6,180	-	-	-	-	-	M
GA 192518	6,120	-	-	-	-	-	M
Georgia-23RKN	6,118	-	-	-	-	-	M+
Georgia-20VHO	6,100	-	-	-	-	-	M
17-223	6,093	-	-	-	-	-	M
Georgia-22MPR	5,996	-	-	-	-	-	ML
Arnie	5,971	-	-	-	-	-	M
Georgia-09B	5,969	-	-	-	-	-	M
Tifguard	5,958	-	-	-	-	-	M
Georgia Greener	5,934	-	-	-	-	-	M
FloRunTM 'T61'	5,931	-	-	-	-	-	M
GA 183129	5,910	-	-	-	-	-	ML
Georgia-21GR	5,887	-	-	-	-	-	M+
AU-NPL 17	5,484	-	-	-	-	-	M
GA 182729	5,483	-	-	-	-	-	M+
Georgia-14N	5,176	-	-	-	-	-	M+

Runner Averages and Statistics

Statistic	Peanut Yield	Seed no./lb	TSMK%	OK%	DK%	ELK%
Mean	6,136	-	-	-	-	-
LSD at 10% Level	314	-	-	-	-	-
Model R-Square	0.62	-	-	-	-	-
C.V.	5.35	-	-	-	-	-

Planted: May 30, 2024

Digging Date by Maturity:

Soil Type:

M: October 24, 2024

Soil Test:

M+: November 1, 2024

Preplant Fertilizer:

ML: November 1, 2024

Previous Crop:

Tillage:

Herbicides:

Fungicides:

Irrigation:

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

*Spanish and Valencia*Spanish

Variety	Peanut Yield lb/Acre	Seed no./lb	TSMK%	OK%	DK%	ELK%	Maturity
Georgia-17SP	3,950	-	-	-	-	-	M+
Georgia-04S	3,801	-	-	-	-	-	M
Georgia-SP/RKN	3,728	-	-	-	-	-	M+
Georgia Browne	3,406	-	-	-	-	-	M
Tamnut OL06	3,071	-	-	-	-	-	E+
Schubert	2,783	-	-	-	-	-	E+
OLe`	2,194	-	-	-	-	-	E
OLin	2,001	-	-	-	-	-	E+

Valencia

Variety	Peanut Yield lb/Acre	Seed no./lb	TSMK%	OK%	DK%	ELK%	Maturity
Georgia-Val/HO	2,619	-	-	-	-	-	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

Variety	Peanut Yield lb/Acre	Seed no./lb	TSMK%	OK%	DK%	ELK%	Maturity
H & W Val. 118	1,778	-	-	-	-	-	E

Spanish and Valencia Averages and Statistics

Statistic	Peanut Yield	Seed no./lb	TSMK%	OK%	DK%	ELK%
Mean	2,647	-	-	-	-	-
LSD at 10% Level	223	-	-	-	-	-
Model R-Square	0.93	-	-	-	-	-
C.V.	8.77	-	-	-	-	-

Planted: May 30, 2024
 Soil Type:
 Soil Test:
 Preplant Fertilizer:
 Previous Crop:
 Tillage:
 Herbicides:
 Fungicides:
 Irrigation:

Digging Date by Maturity:
 E: September 4, 2024
 E+: September 20, 2024
 M: October 24, 2024
 M+: October 24, 2024

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

Dryland Results**Runner**

Variety	Peanut Yield lb/Acre	Seed no./lb	TSMK%	OK%	DK%	ELK%	Maturity
FloRunTM '331'	4,139	-	-	-	-	-	M
Georgia-16HO	4,016	-	-	-	-	-	M
Georgia-18RU	3,932	-	-	-	-	-	M+
GA 192518	3,870	-	-	-	-	-	M
FloRunTM '52N'	3,852	-	-	-	-	-	M
TUFRrunnerTM '297'	3,748	-	-	-	-	-	M
Georgia-12Y	3,711	-	-	-	-	-	ML
FloRunTM 'T61'	3,663	-	-	-	-	-	M
GA 192506	3,626	-	-	-	-	-	M+
Georgia-21GR	3,553	-	-	-	-	-	M+
Georgia-20VHO	3,553	-	-	-	-	-	M
TifNV-High O/L	3,541	-	-	-	-	-	M
TifNV-HG	3,492	-	-	-	-	-	M
17-223	3,474	-	-	-	-	-	M
GA 192504	3,443	-	-	-	-	-	M
GA 132724	3,407	-	-	-	-	-	M
TifCB 7	3,394	-	-	-	-	-	M
GA 182729	3,394	-	-	-	-	-	M+
GA 183129	3,345	-	-	-	-	-	ML
Tifguard	3,309	-	-	-	-	-	M
Georgia-23RKN	3,259	-	-	-	-	-	M+
Georgia-06G	3,242	-	-	-	-	-	M
IPG 913	3,158	-	-	-	-	-	M
Georgia Greener	3,138	-	-	-	-	-	M
AU-NPL 17	3,109	-	-	-	-	-	M
GA 192710	3,101	-	-	-	-	-	M
Georgia-14N	2,918	-	-	-	-	-	M+
Georgia-22MPR	2,833	-	-	-	-	-	ML
Arnie	2,828	-	-	-	-	-	M
Georgia-09B	2,699	-	-	-	-	-	M

Averages and Statistics

Statistic	Peanut Yield	Seed no./lb	TSMK%	OK%	DK%	ELK%
Mean	3,425	-	-	-	-	-
LSD at 10% Level	471	-	-	-	-	-
Model R-Square	0.60	-	-	-	-	-
C.V.	14.39	-	-	-	-	-

Planted: May 29, 2024

Soil Type:

Soil Test:

Preplant Fertilizer:

Previous Crop:

Tillage:

Herbicides:

Fungicides:

Irrigation:

Digging Date by Maturity:

M: November 1, 2024

M+: November 1, 2024

ML: November 1, 2024

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 lb/Acre</i>	<i>Seed no./lb</i>	<i>TSMK%</i>	<i>OK%</i>	<i>DK%</i>	<i>ELK%</i>	<i>Maturity</i>
FloRunTM '331'	8,263	-	-	-	-	-	M
GA 192518	8,216	-	-	-	-	-	M
TifNV-HG	8,177	-	-	-	-	-	M
TUFRrunnerTM '297'	8,144	-	-	-	-	-	M
Georgia-16HO	8,140	-	-	-	-	-	M
Georgia-09B	8,102	-	-	-	-	-	M
Georgia-06G	8,087	-	-	-	-	-	M
Georgia Greener	8,042	-	-	-	-	-	M
FloRunTM 'T61'	7,936	-	-	-	-	-	M
GA 192504	7,926	-	-	-	-	-	M
17-223	7,887	-	-	-	-	-	M
IPG 913	7,875	-	-	-	-	-	M
GA 132724	7,859	-	-	-	-	-	M
GA 192710	7,830	-	-	-	-	-	M
AU-NPL 17	7,726	-	-	-	-	-	M
TifCB 7	7,712	-	-	-	-	-	M
FloRunTM '52N'	7,551	-	-	-	-	-	M
TifNV-High O/L	7,473	-	-	-	-	-	M
Tifguard	7,363	-	-	-	-	-	M
Georgia-18RU	7,120	-	-	-	-	-	M+
Arnie	6,784	-	-	-	-	-	M
Georgia-23RKN	6,741	-	-	-	-	-	M+
GA 182729	6,690	-	-	-	-	-	M+
GA 192506	6,668	-	-	-	-	-	M+
Georgia-14N	6,642	-	-	-	-	-	M+
Georgia-20VHO	6,513	-	-	-	-	-	M
Georgia-22MPR	6,478	-	-	-	-	-	ML
GA 183129	6,466	-	-	-	-	-	ML
Georgia-12Y	6,284	-	-	-	-	-	ML
Georgia-21GR	6,216	-	-	-	-	-	M+

Averages and Statistics

Statistic	Peanut Yield	Seed no./lb	TSMK%	OK%	DK%	ELK%
Mean	7,430	-	-	-	-	-
LSD at 10% Level	NS	-	-	-	-	-
Model R-Square	0.76	-	-	-	-	-
C.V.	5.77	-	-	-	-	-

Planted: May 23, 2024

Soil Type:

Soil Test:

Preplant Fertilizer:

Previous Crop:

Tillage:

Herbicides:

Fungicides:

Irrigation:

Digging Date by Maturity:

M: October 21, 2024

M+: October 29, 2024

ML: October 29, 2024

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

Dryland Results**Runner**

Variety	Peanut Yield lb/Acre	Seed no./lb	TSMK%	OK%	DK%	ELK%	Maturity
GA 192506	7,611	-	-	-	-	-	M+
Georgia-23RKN	7,000	-	-	-	-	-	M+
FloRunTM '331'	6,959	-	-	-	-	-	M
Georgia-18RU	6,784	-	-	-	-	-	M+
Georgia-06G	6,741	-	-	-	-	-	M
17-223	6,708	-	-	-	-	-	M
Georgia-16HO	6,557	-	-	-	-	-	M
GA 183129	6,480	-	-	-	-	-	ML
Georgia-09B	6,468	-	-	-	-	-	M
TUFRrunnerTM '297'	6,431	-	-	-	-	-	M
FloRunTM 'T61'	6,381	-	-	-	-	-	M
GA 182729	6,375	-	-	-	-	-	M+
FloRunTM '52N'	6,334	-	-	-	-	-	M
GA 192504	6,299	-	-	-	-	-	M
TifNV-HG	6,227	-	-	-	-	-	M
IPG 913	6,221	-	-	-	-	-	M
GA 192710	6,093	-	-	-	-	-	M
Tifguard	6,075	-	-	-	-	-	M
TifNV-High O/L	6,072	-	-	-	-	-	M
Georgia-12Y	6,045	-	-	-	-	-	ML
GA 192518	6,030	-	-	-	-	-	M
GA 132724	6,020	-	-	-	-	-	M
Georgia-20VHO	5,999	-	-	-	-	-	M
Georgia-14N	5,976	-	-	-	-	-	M+
Georgia Greener	5,959	-	-	-	-	-	M
TifCB 7	5,846	-	-	-	-	-	M
Georgia-22MPR	5,815	-	-	-	-	-	ML
AU-NPL 17	5,772	-	-	-	-	-	M
Arnie	5,760	-	-	-	-	-	M
Georgia-21GR	5,540	-	-	-	-	-	M+

Averages and Statistics

Statistic	Peanut Yield	Seed no./lb	TSMK%	OK%	DK%	ELK%
Mean	6,286	-	-	-	-	-
LSD at 10% Level	349	-	-	-	-	-
Model R-Square	0.66	-	-	-	-	-
C.V.	5.81	-	-	-	-	-

Planted: May 24, 2024

Soil Type:

Soil Test:

Preplant Fertilizer:

Previous Crop:

Tillage:

Herbicides:

Fungicides:

Irrigation:

Digging Date by Maturity:

M: October 21, 2024

M+: October 29, 2024

ML: October 29, 2024

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

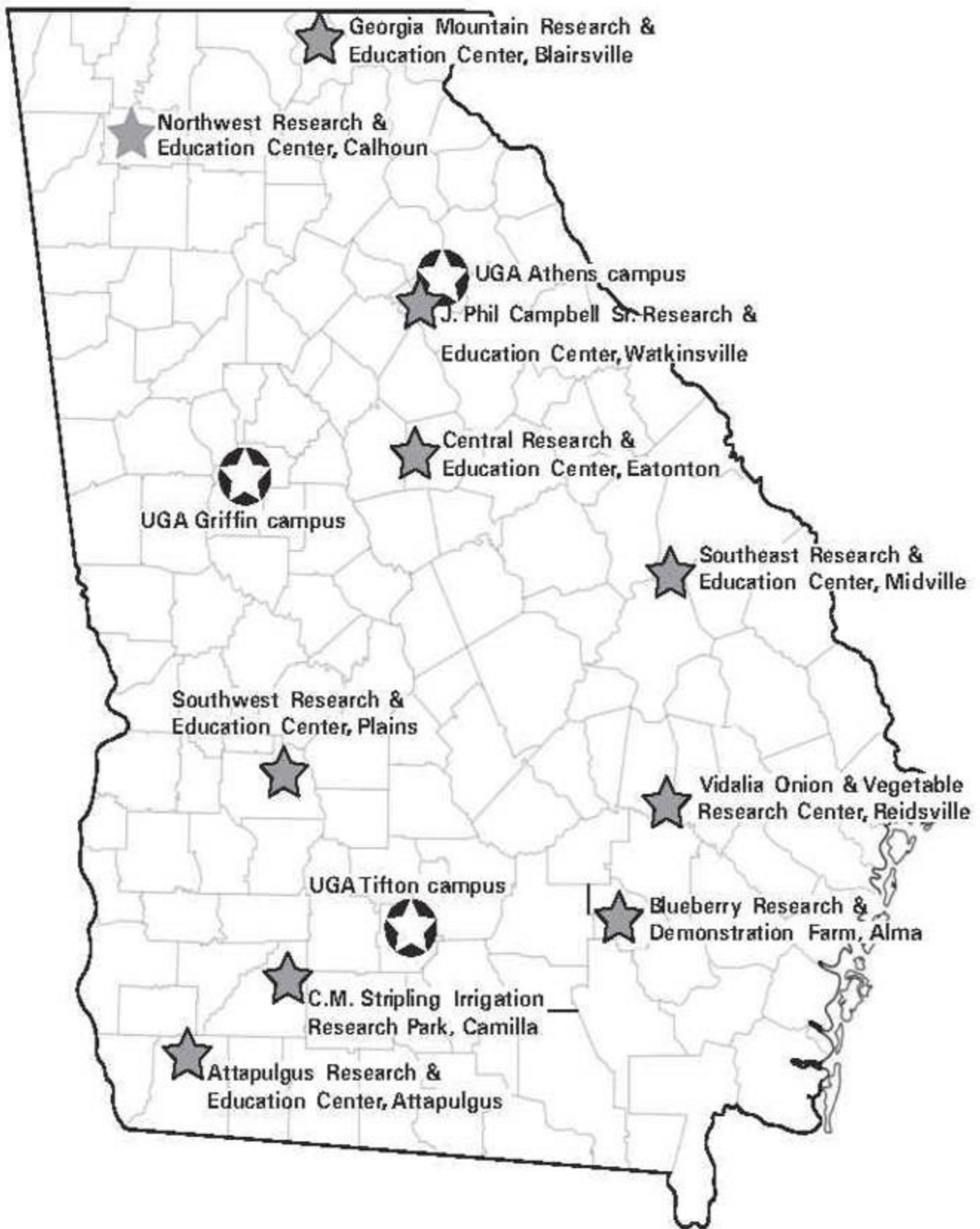
Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

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.

"NS" indicates differences are statistically non-significant ($p = 0.10$ probability level).



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Athens, Georgia 30602

Harshavardhan Thippareddi, Associate Dean for Research

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