

Preliminary Results

December 19, 2019

PEANUT

Multi-Year Summary of Peanut Yields, 2017-2019

Variety	Irrigated			Dryland			All Tests		
	2019	2-Yr Avg	3-Yr Avg	2019	2-Yr Avg	3-Yr Avg	2019	2-Yr Avg	3-Yr Avg
-----lb/acre-----									
Runner Types									
Georgia-12Y	7085	6508	6276	4398	4371	4656	5741	5439	5466
FloRun™ '331'	6857	6558	6350	4606	4536	4768	5731	5547	5559
Georgia-16HO	6395	6034	6052	4594	4404	4600	5494	5219	5326
ARS 13-1125	6548	.	.	4412	.	.	5480	.	.
Georgia-18RU	6663	6428	6127	4243	4361	4494	5453	5395	5311
Georgia-06G	6371	6144	6027	4463	4378	4671	5417	5261	5349
Georgia-13M	6627	6228	5992	4160	4267	4542	5394	5248	5267
TUFRunner™ '297'	6252	5871	5930	4479	4274	4521	5365	5072	5226
GA 152545	6171	.	.	4427	.	.	5299	.	.
Georgia-09B	6409	6163	6027	4132	4078	4385	5271	5120	5206
AU-NPL 17	6338	5719	5670	4130	3883	4256	5234	4801	4963
GA 163120	6375	.	.	4051	.	.	5213	.	.
Georgia-07W	6084	5966	5479	4332	4254	4213	5208	5110	4846
GA 163119	6346	.	.	3991	.	.	5169	.	.
GA 132712	5885	5649	5539	4300	4216	4209	5092	4932	4874
GA 142728	6010	5638	.	4158	4113	.	5084	4875	.
GA 132705	6016	5795	5696	4011	4059	4300	5013	4927	4998
Georgia Greener	5850	5686	5685	4094	4038	4317	4972	4862	5001
TifNV-High O/L	5768	5607	5596	3906	4097	4236	4837	4852	4916
UF 15303	5582	.	.	4074	.	.	4828	.	.
Georgia-14N	5925	5679	5449	3670	4004	4071	4798	4842	4760
Tifguard	5372	5329	5239	4009	4021	4055	4691	4675	4647
Average	6224	5941	5821	4211	4197	4393	5217	5069	5107
LSD at 10% Level	259	224	218	321	312	272	231	197	183
Model R-square	0.85	0.66	0.56	0.88	0.59	0.48	0.88	0.75	0.62
Virginia Types									
ARS 13-3532	6808	.	.	4560	.	.	5684	.	.
Georgia-19HP	6387	6070	5834	4203	4436	4635	5295	5253	5234
Georgia-11J	6607	6268	6002	3499	3819	4095	5053	5043	5049
Bailey II	5715	5307	.	3795	3699	.	4755	4503	.
Bailey	5590	5095	5082	3686	3650	3593	4638	4373	4337
GA 142528	5183	4781	.	3336	3466	.	4259	4123	.
Wynne	4993	.	.	3388	.	.	4191	.	.
Sullivan	4804	4607	.	3196	3241	.	4000	3924	.
Average	5761	5355	5639	3708	3718	4108	4734	4536	4874
LSD at 10% Level	258	217	207	329	306	272	260	204	187
Model R-square	0.87	0.78	0.64	0.85	0.52	0.47	0.84	0.73	0.63

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

Variety names preceded by "GA" or "UF" are unreleased breeding lines.

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

Multi-Year Summary of Peanut Yields, 2017-2019 (Continued)

Variety	Irrigated			Dryland			All Tests		
	2019	2-Yr Avg	3-Yr Avg	2019	2-Yr Avg	3-Yr Avg	2019	2-Yr Avg	3-Yr Avg
	-----lb/acre-----								
<u>Spanish Types</u>									
Georgia-17SP	5983	5267	5049						
Georgia Browne	4314	4326	4592						
Georgia-04S	4683	4271	4513						
Tamspan 90	4235	3557	4052						
Shubert	4368	3675	4009						
Tamnut OL06	3884	3515	3957						
OLin	3479	3034	3385						
OLe'	3188	2916	3173						
Average	4267	3820	4091						
LSD at 10% Level	346	260	299						
Model R-square	0.86	0.84	0.69						
<u>Valencia Types</u>									
GA 142537	4398	4026	4000						
Georgia Valencia	3763	3515	3562						
Georgia Red	3279	2965	3133						
TAMVal OL14	2910	2744	.						
N. M. Val. A	2517	2305	2382						
NuMex-01	2335	2290	2670						
Val. McRan	2366	2263	2409						
N. M. Val. C	2299	2223	2446						
H & W Val. 136	2360	2214	2558						
H & W Val. 118	2130	2042	.						
Average	2836	2659	2895						
LSD at 10% Level	354	221	268						
Model R-square	0.82	0.81	0.65						

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

Variety names preceded by "GA" or "UF" are unreleased breeding lines.

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

Spanish and Valencia varieties are only tested under irrigated conditions.

**Tifton, Georgia:
Peanut Yield and Grade Performance, 2019, Irrigated**

Variety	Digging	Yield	TSMK	OK	DK	ELK	Seed
	Date						
<u>Runner Types</u>							
GA 163120	10/11	7175	76.0	2.5	1.5	.	647
Georgia-12Y	10/11	7109	72.5	2.0	1.5	.	767
Georgia-16HO	10/04	6933	73.0	2.5	2.0	.	694
FloRun™ '331'	10/04	6879	74.5	2.5	0.5	.	699
GA 142728	10/04	6867	79.5	2.0	0.5	.	681
Georgia-18RU	10/11	6867	77.0	3.0	1.0	.	686
Georgia Greener	10/04	6867	76.5	2.0	1.0	.	750
GA 163119	10/11	6843	76.0	2.0	1.0	.	663
GA 132705	10/11	6788	75.5	2.5	1.0	.	698
ARS 13-1125	10/04	6782	76.5	1.5	0.5	.	640
GA 132712	10/11	6776	78.5	2.5	0.5	.	724
Georgia-06G	10/04	6716	76.5	1.0	2.0	.	763
Georgia-07W	10/11	6716	74.0	2.5	1.0	.	704
Georgia-13M	10/11	6703	75.5	2.5	1.5	.	921
GA 152545	10/04	6601	76.0	2.0	2.0	.	650
TUFRunner™ '297'	10/04	6516	75.0	2.5	2.0	.	624
Tifguard	10/04	6510	76.0	1.5	0.0	.	656
AU-NPL 17	10/04	6449	73.0	2.0	1.0	.	710
Georgia-09B	10/04	6437	75.5	3.0	0.5	.	776
TifNV-High O/L	10/04	6244	74.5	2.0	0.5	.	678
Georgia-14N	10/11	6177	76.5	2.5	1.0	.	943
UF 15303	10/04	6026	74.0	2.5	0.5	.	719
Average	10/06	6681	75.6	2.2	1.1	.	718
LSD at 10% Level		363	1.9	NS	NS	.	56
Model R-square		0.42	0.82	0.41	0.53	.	0.79
CV %		5.7	1.5	36.5	75.3	.	6.6
<u>Virginia Types</u>							
ARS 13-3532	10/04	6437	69.5	3.5	0.5	42.0	520
Georgia-19HP	10/04	6353	75.0	2.0	1.0	55.5	542
Georgia-11J	10/11	5881	68.5	2.5	2.5	50.5	510
Bailey II	09/13	5627	70.5	2.5	0.0	50.5	476
GA 142528	09/13	5421	70.5	3.0	0.5	46.0	514
Wynne	09/13	5276	67.0	2.5	1.0	41.5	474
Bailey	09/13	5251	70.0	2.5	0.5	43.0	503
Sullivan	09/13	4961	69.5	1.5	1.0	42.5	516
Average	09/21	5651	70.1	2.5	0.9	46.4	507
LSD at 10% Level		352	2.8	NS	0.9	3.5	20
Model R-square		0.75	0.84	0.66	0.82	0.94	0.70
CV %		6.4	2.1	25.1	57.1	4.0	3.2

Tifton, Georgia:
Peanut Yield and Grade Performance, 2019, Irrigated (Continued)

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
Spanish Types							
Georgia-17SP	10/04	5983	72.5	4.0	1.0	.	853
Georgia-04S	10/04	4683	69.5	4.5	1.0	.	1056
Shubert	09/13	4368	63.5	5.5	1.0	.	960
Georgia Browne	10/04	4314	70.5	4.5	1.0	.	983
Tamspan 90	09/13	4235	69.0	2.0	0.5	.	913
Tamnut OL06	09/13	3884	65.0	3.0	1.0	.	913
OLin	09/13	3479	68.5	3.0	0.0	.	1183
OLe'	08/23	3188	64.5	3.0	1.0	.	1063
Average	09/18	4267	67.9	3.7	0.8	.	990
LSD at 10% Level		339	2.6	NS	0.5	.	132
Model R-square		0.88	0.92	0.59	0.82	.	0.55
CV %		8.2	2.0	36.9	30.8	.	11.0
Valencia Types							
GA 142537	09/13	4398	70.0	3.0	1.5	.	644
Georgia Valencia	09/13	3763	62.0	3.0	2.0	.	748
Georgia Red	09/13	3279	69.5	3.0	2.5	.	997
TAMVal OL14	08/23	2910	59.0	10.0	0.5	.	1205
N. M. Val. A	08/23	2517	60.0	8.0	1.5	.	1055
Val. McRan	08/23	2366	58.0	10.5	1.0	.	1205
H & W Val. 136	08/23	2360	60.0	5.5	2.5	.	1093
NuMex-01	08/23	2335	55.5	14.0	0.5	.	1196
N. M. Val. C	08/23	2299	60.5	7.5	2.0	.	1110
H & W Val. 118	08/23	2130	57.0	10.0	0.5	.	1080
Average	08/29	2836	61.2	7.5	1.5	.	1033
LSD at 10% Level		348	1.8	1.9	0.9	.	66
Model R-square		0.84	0.98	0.96	0.85	.	0.94
CV %		12.7	1.6	13.8	34.5	.	5.3

"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.

Planted: May 15 (Spanish and Valencia) and 16 (Runner and Virginia), 2019.

Soil Type: Tifton loamy sand.

Previous Crop: Fallow (Spanish and Valencia) and cotton (Runner and Virginia).

Soil Test: P = High, K = High, and pH = 6.1.

Fertilization: 0 lb N, 0 lb P₂O₅, 0 lb K₂O, and 1000 lb gypsum/acre.

Management: Conventional tillage. Sonalan used for weed control. Permethrin for insect control.

Tebuconazole, Chlorothalonil, and Fontelis used for disease control.

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	2.5	2.0	3.1	1.8	3.0	0.5
Rainfall (in):	0.0	5.6	2.0	6.4	0.5	0.3

Test conducted by R. Brooke, K. Cawley, M. Cofield, and D. Dunn.

Tifton, Georgia: Peanut Yield and Grade Performance, 2019, Dryland

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
Runner Types							
TUFRunner™ '297'	10/04	6346	75.5	2.0	1.0	.	610
GA 132712	10/11	6280	78.0	3.5	0.5	.	618
FloRun™ '331'	10/04	6207	73.5	3.5	0.0	.	722
Georgia-16HO	10/04	6195	77.5	2.0	0.5	.	643
GA 152545	10/04	6129	75.0	2.5	2.0	.	730
Georgia-18RU	10/11	6062	76.0	3.5	1.5	.	671
ARS 13-1125	10/04	5965	75.0	1.5	1.0	.	638
Georgia-06G	10/04	5953	74.5	2.0	1.0	.	662
AU-NPL 17	10/04	5899	72.5	1.5	1.0	.	747
Georgia-12Y	10/11	5711	73.0	3.0	1.0	.	771
Georgia-07W	10/11	5699	76.0	2.0	1.5	.	864
Georgia-09B	10/04	5572	72.5	2.5	1.5	.	780
Tifguard	10/04	5572	76.5	2.0	0.0	.	696
GA 132705	10/11	5554	75.5	3.5	1.0	.	713
Georgia-13M	10/11	5481	73.0	3.0	2.0	.	868
UF 15303	10/04	5385	74.5	3.0	0.5	.	768
GA 142728	10/04	5372	78.5	2.0	1.0	.	674
GA 163119	10/11	5372	74.5	3.0	2.5	.	721
GA 163120	10/11	5366	75.0	3.5	0.0	.	706
TifNV-High O/L	10/04	5136	74.5	3.0	0.0	.	677
Georgia-14N	10/11	5052	75.0	4.0	1.0	.	772
Georgia Greener	10/04	5009	77.5	2.0	0.0	.	740
Average	10/06	5696	75.2	2.7	0.9	.	718
LSD at 10% Level		517	1.5	0.9	0.8	.	74
Model R-square		0.60	0.89	0.82	0.82	.	0.62
CV %		9.5	1.2	19.0	52.0	.	8.7
Virginia Types							
ARS 13-3532	10/04	6268	70.5	3.0	1.0	39.0	518
Georgia-19HP	10/04	5850	72.5	3.0	1.5	49.0	541
Georgia-11J	10/11	4465	68.5	2.5	2.0	49.0	507
Bailey II	09/19	4447	66.5	3.0	1.5	44.0	506
Bailey	09/19	4138	67.0	3.0	2.5	37.5	560
Sullivan	09/19	4066	65.5	2.5	1.5	35.5	548
GA 142528	09/19	4047	69.5	3.0	1.0	43.0	548
Wynne	09/19	3721	63.0	3.5	2.0	38.5	533
Average	09/25	4625	67.9	2.9	1.6	41.9	532
LSD at 10% Level		400	4.1	NS	NS	NS	NS
Model R-square		0.89	0.83	0.29	0.77	0.59	0.25
CV %		8.9	3.2	28.6	30.8	14.5	9.0

"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.

Planted: May 15, 2019.

Soil Type: Tifton loamy sand.

Previous Crop: Summer annuals.

Soil Test: P = High, K = Medium, and pH = 6.0.

Fertilization: 0 lb N, 0 lb P₂O₅, 0 lb K₂O, and 1000 lb gypsum/acre.

Management: Conventional tillage. Sonalan used for weed control. Permethrin for insect control. Tebuconazole, Chlorothalonil, and Fontelis used for disease control.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.0	5.6	2.0	6.4	0.5	0.3

Test conducted by R. Brooke, K. Cawley, M. Cofield, and D. Dunn.

Plains, Georgia: Peanut Yield and Grade Performance, 2019, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
Runner Types							
Georgia-12Y	10/24	6262	74.5	3.0	1.0	.	731
FloRun™ '331'	10/07	5905	75.0	3.5	1.5	.	803
Georgia-18RU	10/24	5808	78.0	3.0	1.0	.	674
Georgia-13M	10/24	5784	75.0	4.0	1.5	.	861
AU-NPL 17	10/07	5560	75.5	2.0	0.5	.	654
TUFRunner™ '297'	10/07	5530	76.5	2.0	0.5	.	603
ARS 13-1125	10/07	5306	77.5	1.5	0.5	.	633
GA 152545	10/07	5161	77.0	2.5	1.5	.	694
Georgia-09B	10/07	5130	77.0	3.5	0.5	.	753
Georgia-16HO	10/07	5106	77.0	2.0	1.5	.	682
TifNV-High O/L	10/07	5058	76.5	2.5	1.0	.	624
Georgia-06G	10/07	5034	77.0	2.0	0.5	.	682
Georgia-07W	10/24	4870	75.0	3.5	1.5	.	673
GA 132712	10/24	4640	77.0	3.0	1.0	.	683
GA 163120	10/24	4604	76.0	2.5	1.0	.	658
Georgia-14N	10/24	4501	77.0	3.5	1.0	.	797
GA 142728	10/07	4362	77.5	3.5	1.0	.	651
GA 132705	10/24	4332	76.5	3.0	1.0	.	696
UF 15303	10/07	4283	74.5	3.5	1.0	.	681
GA 163119	10/24	4277	77.0	2.0	1.5	.	653
Georgia Greener	10/07	4205	76.5	3.5	1.0	.	707
Tifguard	10/07	3781	76.5	2.5	1.5	.	611
Average	10/13	4977	76.4	2.8	1.1	.	691
LSD at 10% Level		493	NS	1.2	NS	.	42
Model R-square		0.67	0.60	0.68	0.38	.	0.81
CV %		10.3	1.6	25.1	69.8	.	5.1
Virginia Types							
ARS 13-3532	10/07	6183	73.5	2.5	0.5	43.0	536
Georgia-11J	10/24	5929	74.5	2.0	0.5	54.5	489
Georgia-19HP	10/07	5542	77.5	2.0	0.5	52.0	561
Bailey	09/24	5336	70.0	3.0	0.5	38.0	542
Bailey II	09/24	5179	72.0	2.0	0.5	43.5	545
GA 142528	09/24	4187	73.0	2.5	0.5	38.5	565
Sullivan	09/24	3612	71.5	2.0	0.0	36.0	579
Wynne	09/24	3200	68.5	3.0	0.0	39.5	543
Average	10/01	4896	72.6	2.4	0.4	43.1	545
LSD at 10% Level		497	2.4	NS	NS	2.8	28
Model R-square		0.86	0.91	0.65	0.20	0.98	0.64
CV %		10.4	1.8	26.4	174.6	3.5	4.2

"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.

Planted: May 22, 2019.

Soil Type: Greenville sandy clay loam.

Previous Crop: Cotton.

Soil Test: P = Medium, K = Very High, and pH = 5.6.

Fertilization: 0 lb N, 0 lb P₂O₅, 0 lb K₂O, and 1000 lb dolomitic lime/acre.

Management: Conventional tillage. Strong Arm, Prowl, Valor, Basagran, 2,4-DB and Select used for weed control. Lorsban and Thimet for insect control. Headline, Provost Silver and Artisan for disease control.

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):		-----	7.2 inches	season total	-----	
Rainfall (in):	0.0	1.5	7.3	4.8	1.0	4.8

Test conducted by R. Brooke, K. Cawley, M. Cofield, D. Dunn, W. Jones, and D. Pearce.

Plains, Georgia: Peanut Yield and Grade Performance, 2019, Dryland

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
Runner Types							
FloRun™ '331'	10/07	5034	74.5	2.5	2.0	.	724
TUFRunner™ '297'	10/07	5003	74.0	2.5	3.0	.	639
Georgia-12Y	10/24	4979	74.5	1.5	1.5	.	712
Georgia-07W	10/24	4961	75.0	3.5	1.0	.	687
Georgia-16HO	10/07	4961	76.0	2.0	2.0	.	733
GA 152545	10/07	4828	75.5	3.0	2.5	.	747
Georgia-13M	10/24	4792	76.5	2.5	1.5	.	822
Georgia-18RU	10/24	4731	77.5	2.5	1.5	.	736
ARS 13-1125	10/07	4707	76.0	2.0	1.5	.	630
Georgia-06G	10/07	4683	76.0	2.0	1.5	.	673
Georgia Greener	10/07	4646	74.5	3.5	2.0	.	725
UF 15303	10/07	4640	74.0	3.0	1.5	.	762
GA 142728	10/07	4628	78.0	1.5	1.5	.	771
TifNV-High O/L	10/07	4622	74.0	2.0	3.0	.	670
Georgia-09B	10/07	4501	73.5	3.5	2.5	.	833
AU-NPL 17	10/07	4435	73.0	2.5	1.5	.	745
GA 132712	10/24	4429	78.5	2.0	1.5	.	644
GA 132705	10/24	4392	76.5	2.5	1.0	.	674
GA 163120	10/24	4362	74.5	2.5	1.5	.	649
Tifguard	10/07	4223	76.0	2.0	2.0	.	673
GA 163119	10/24	4217	76.5	2.5	2.0	.	621
Georgia-14N	10/24	3860	74.0	3.5	2.5	.	779
Average	10/13	4620	75.4	2.5	1.8	.	711
LSD at 10% Level		475	NS	NS	NS	.	52
Model R-square		0.40	0.58	0.65	0.40	.	0.72
CV %		10.7	2.5	27.0	56.4	.	6.2
Virginia Types							
ARS 13-3532	10/07	4979	68.0	3.5	2.5	33.5	589
Bailey II	09/24	4882	66.5	3.5	0.5	36.5	605
Wynne	09/24	4568	62.0	5.0	1.5	30.5	537
Georgia-19HP	10/07	4556	74.0	2.0	2.5	37.5	683
Bailey	09/24	4368	69.0	3.0	0.5	28.0	622
Sullivan	09/24	4029	65.5	4.0	1.5	30.0	643
Georgia-11J	10/24	4017	73.0	1.5	3.5	45.5	510
GA 142528	09/24	3830	64.0	4.5	2.0	29.5	576
Average	10/01	4404	67.8	3.4	1.8	33.9	596
LSD at 10% Level		531	3.3	NS	1.1	7.2	33
Model R-square		0.46	0.92	0.72	0.88	0.85	0.86
CV %		12.4	2.5	31.2	32.6	11.3	4.6

"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.

Planted: May 23, 2019.

Soil Type: Greenville sandy clay loam.

Previous Crop: Fallow.

Soil Test: P = Low, K = High, and pH = 5.6.

Fertilization: 0 lb N, 0 lb P₂O₅, 0 lb K₂O, and 2000 lb dolomitic lime/acre.

Management: Conventional tillage. Strong Arm, Prowl, Valor, Basagran, 2,4-DB and Select used for weed control. Lorsban and Thimet for insect control. Headline, Provost Silver and Artisan for disease control.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.0	1.5	7.3	4.8	1.0	4.8

Test conducted by R. Brooke, K. Cawley, M. Cofield, D. Dunn, W. Jones, and D. Pearce.

Midville, Georgia: Peanut Yield and Grade Performance, 2019, Irrigated

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
Runner Types							
GA 163119	10/14	7919	78.5	1.5	0.5	.	670
Georgia-12Y	10/14	7883	76.0	2.0	0.5	.	744
FloRun™ '331'	10/05	7786	77.0	1.5	0.0	.	696
Georgia-09B	10/05	7659	77.5	2.0	0.0	.	741
ARS 13-1125	10/05	7556	74.5	3.0	0.5	.	638
Georgia-13M	10/14	7393	78.5	2.5	0.5	.	870
Georgia-06G	10/05	7363	77.0	2.5	0.0	.	642
GA 163120	10/14	7345	78.0	2.0	0.5	.	702
Georgia-18RU	10/14	7314	80.0	2.0	0.0	.	678
Georgia-16HO	10/05	7145	77.5	2.5	0.0	.	747
Georgia-14N	10/14	7097	78.0	3.5	0.5	.	753
AU-NPL 17	10/05	7006	74.0	2.5	0.5	.	754
GA 132705	10/14	6927	79.0	2.0	0.5	.	731
GA 142728	10/05	6800	78.5	1.5	0.5	.	663
GA 152545	10/05	6752	79.5	2.0	0.0	.	671
TUFRunner™ '297'	10/05	6709	75.5	3.0	0.5	.	643
Georgia-07W	10/14	6667	75.0	5.0	0.5	.	723
Georgia Greener	10/05	6480	77.0	2.0	0.5	.	745
UF 15303	10/05	6437	77.0	2.5	0.0	.	774
GA 132712	10/14	6238	80.5	2.5	0.5	.	744
TifNV-High O/L	10/05	6002	75.0	2.5	0.5	.	667
Tifguard	10/05	5826	76.0	2.5	0.5	.	682
Average	10/08	7014	77.3	2.4	0.3	.	714
LSD at 10% Level		460		NS	NS	.	67
Model R-square		0.66	0.76	0.48	0.24	.	0.56
CV %		6.9	1.9	48.4	175.0	.	7.8
Virginia Types							
Georgia-11J	10/14	8010	76.5	1.5	0.5	60.0	459
ARS 13-3532	10/05	7805	74.5	2.5	0.0	45.0	526
Georgia-19HP	10/05	7266	77.5	1.0	0.5	54.0	523
Wynne	09/16	6504	69.0	3.0	1.0	48.5	472
Bailey II	09/16	6340	70.0	3.0	0.5	52.5	496
Bailey	09/16	6183	70.5	3.0	0.5	46.5	531
GA 142528	09/16	5941	71.0	2.5	1.5	47.5	520
Sullivan	09/16	5838	69.0	3.0	0.5	45.0	523
Average	09/24	6736	72.3	2.4	0.6	49.9	506
LSD at 10% Level		395	2.1	NS	NS	3.8	29
Model R-square		0.85	0.95	0.72	0.52	0.94	0.62
CV %		6.0	1.6	30.8	100.3	4.0	4.7

"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.

Planted: May 20, 2019.

Soil Type: Dothan sandy loam.

Previous Crop: Cotton.

Soil Test: P = High, K = High, and pH = 6.4.

Fertilization: 0 lb N, 0 lb P₂O₅, 0 lb K₂O, and 0 lb gypsum/acre.

Management: Conventional tillage. Sonalan, Valor, Dual Magnum, Gramoxone, Storm, Cadre and 2,4-DB used for weed control. Headline, tebuconazole, Convoy, and Chlorothalonil used for disease control.

	May	June	July	Aug.	Sept.	Oct.
Irrigation (in):	0.0	3.5	5.3	2.0	4.0	0.0
Rainfall (in):	0.0	3.3	2.5	5.5	0.5	2.2

Test conducted by R. Brooke, K. Cawley, M. Cofield, D. Dunn, J. Lanier, R. Milton, and T. Woodward.

Midville, Georgia: Peanut Yield and Grade Performance, 2019, Dryland

Variety	Digging	Yield lb/A	TSMK %	OK %	DK %	ELK %	Seed no./lb
	Date						
Runner Types							
Georgia-06G	10/14	2753	65.5	8.0	1.5	.	870
Georgia-16HO	10/14	2626	66.0	9.5	1.0	.	939
Georgia Greener	10/14	2626	67.0	8.5	1.5	.	934
FloRun™ '331'	10/14	2577	63.0	11.0	1.0	.	1000
ARS 13-1125	10/14	2565	64.5	8.0	2.5	.	853
Georgia-12Y	10/14	2505	58.0	13.5	1.0	.	1051
GA 142728	10/14	2474	69.5	6.0	1.0	.	865
GA 163120	10/14	2426	61.0	11.5	1.5	.	1005
GA 163119	10/14	2384	67.0	8.5	0.5	.	895
Georgia-07W	10/14	2335	62.0	12.5	0.5	.	1015
GA 152545	10/14	2323	67.0	7.5	2.0	.	981
Georgia-09B	10/14	2323	67.0	8.0	1.0	.	1020
Tifguard	10/14	2232	64.5	9.0	2.0	.	925
Georgia-13M	10/14	2208	57.5	17.0	1.0	.	1179
UF 15303	10/14	2196	65.5	7.5	1.0	.	948
GA 132712	10/14	2190	68.5	6.5	1.0	.	880
Georgia-14N	10/14	2099	69.0	9.0	1.0	.	959
GA 132705	10/14	2087	66.0	8.5	1.5	.	895
TUFRunner™ '297'	10/14	2087	61.5	10.0	2.0	.	840
AU-NPL 17	10/14	2057	63.5	11.5	0.5	.	957
TifNV-High O/L	10/14	1960	65.5	7.5	2.5	.	802
Georgia-18RU	10/14	1936	69.0	7.5	1.0	.	885
Average	10/14	2317	64.9	9.4	1.3	.	941
LSD at 10% Level		363	4.8	3.7	NS	.	90
Model R-square		0.55	0.78	0.78	0.64	.	0.67
CV %		16.3	4.3	23.1	52.6	.	7.9
Virginia Types							
Bailey	10/14	2553	63.0	5.5	3.0	15.5	735
ARS 13-3532	10/14	2432	60.0	9.0	2.0	8.0	776
Georgia-19HP	10/14	2202	65.0	6.5	1.5	13.0	805
GA 142528	10/14	2130	68.5	4.0	2.0	21.5	651
Bailey II	10/14	2057	64.0	3.5	3.0	20.0	700
Georgia-11J	10/14	2015	63.5	5.5	2.0	16.5	739
Wynne	10/14	1876	57.0	6.5	4.5	17.0	739
Sullivan	10/14	1494	63.5	6.0	2.0	17.0	750
Average	10/14	2095	63.1	5.8	2.5	16.1	737
LSD at 10% Level		446	NS	NS	NS	NS	NS
Model R-square		0.55	0.55	0.59	0.60	0.60	0.37
CV %		21.8	7.0	35.3	44.7	31.4	9.2

"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.

Planted: May 20, 2019.

Soil Type: Dothan sandy loam.

Previous Crop: Cotton.

Soil Test: P = High, K = Very High, and pH = 6.2.

Fertilization: 0 lb N, 0 lb P₂O₅, 0 lb K₂O, and 1,000 lb gypsum/acre.

Management: Conventional tillage. Valor, Gramoxone, Storm, Warrant and Basagran used for weed control. Headline, tebuconazole, Convoy, and Chlorothalonil used for disease control.

	May	June	July	Aug.	Sept.	Oct.
Rainfall (in):	0.0	3.3	2.5	5.5	0.5	2.2

Test conducted by R. Brooke, K. Cawley, M. Cofield, D. Dunn, J. Lanier, R. Milton, and T. Woodward.