

Texas AgriLife Extension Service

Runner Peanut Variety Trial - Gaines County

Variety	Yield	Grade	SMK	SS	OK	DK	Hulls
	lb/A	----- (%) -----					
ACI 149	4937	78.5	68.1	10.4	1.3	0.0	19.3
Flavorrunner 458	4646	77.4	71.3	6.2	2.1	0.0	19.2
UF09303	4519	77.6	63.2	14.4	1.6	0.0	19.4
TX055308	4423	77.5	68.8	8.7	1.9	0.1	19.3
ACI 121	4296	78.3	70.0	8.3	1.8	0.0	19.4
Tamrun OL07	4047	77.0	68.2	8.8	1.5	0.0	20.1
TXL061816	3358	73.1	60.3	12.7	2.7	0.0	19.6
TXL071606	3243	74.8	65.5	9.3	2.8	0.2	20.2
LSD (P=.10)	NS	3.1	4.3	4.0	NS	NS	0.6
Std Dev	802	2.2	3.0	2.8	0.8	0.1	0.4
CV	19	2.8	4.4	28.5	41.9	278.2	2.2
Trial Average	4184	76.8	66.9	9.9	2.0	0.0	19.6

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Runner Peanut Variety Trial - Terry County

Variety	Yield	Grade	SMK	SS	OK	DK	Hulls
	lb/A			(%)			
UF09303	5236	74.7	69.8	4.9	2.5	0.0	20.8
ACI 121	5171	76.7	71.7	5.0	1.6	0.0	20.6
Flavorranner 458	4779	77.1	69.7	7.4	1.6	0.0	20.6
TX055308	4456	76.7	69.9	6.8	1.9	0.0	20.6
Tamrun OL07	4068	76.3	69.8	6.5	2.2	0.0	20.5
ACI 149	3955	71.4	64.2	7.2	4.2	0.0	21.5
TXL071606	3859	74.3	67.1	7.2	2.6	0.0	21.0
TXL061816	3006	73.3	64.5	8.8	3.2	0.0	22.1
LSD (P=.10)	796	NS	NS	NS	NS	NS	NS
Std Dev	554	2.6	4.8	3.1	1.2	0.0	1.3
CV	13	3.5	7.1	45.9	46.3	489.9	6.2
Trial Average	4316	75.1	68.3	6.7	2.5	0.0	21.0

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Runner Peanut Variety Trial - Terry County

Variety	Yield	Grade	SMK	SS	OK	DK	Hulls
	lb/A		----- (%) -----				
TXL071606	4722	73.2	67.171	6.0499	2.5426	0.0	21.695
TX055308	4582	76.1	72.577	3.5574	1.67	0.0	20.924
ACI 149	4513	75.7	71.644	4.0568	1.7953	0.0	20.628
Tamrun OL07	4430	74.2	68.78	5.4258	1.5309	0.0	22.583
ACI 121	4029	76.0	71.997	3.9768	2.3126	0.0	20.399
TXL061816	3977	70.5	64.542	6.0019	3.9254	0.0	22.504
Tamnut OL06	3777	72.1	64.43	7.7159	2.0669	0.0	24.919
UF09303	3642	75.2	68.157	7.017	1.696	0.0	22.298
Flavorrunner 458	3485	75.9	71.124	4.7692	2.5086	0.2	21.183
LSD (P=.10)	NS	3.1	3.7	NS	1.3	NS	1.4
Std Dev	659	2.1	2.5	1.9	0.9	0.2	1.0
CV	16	2.8	3.7	35.5	38.6	982.8	4.5
Trial Average	4129	74.3	68.9	5.4	2.2	0.0	21.9

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Runner Peanut Variety Trial - Ag-Cares Low Irrigation

Variety	Yield	Grade	SMK	SS	OK	DK	Hulls
	lb/A			(%)			
TX055307	4391	73.3	61.2	12.1	3.0	0.0	21.0
Tamrun OL02	3955	74.3	64.2	10.1	2.6	0.0	21.7
Tamrun OL07	3733	73.5	60.9	12.6	2.4	0.0	21.5
UF09303	3493	75.7	56.4	19.3	1.4	0.0	21.1
Flavorranner 458	3450	74.3	61.6	12.6	2.5	0.0	20.8
ACI 149	3311	74.9	62.1	12.8	2.0	0.0	20.4
Tamnut OL06	3019	72.3	55.8	16.5	2.5	0.0	23.3
ACI 121	2962	75.0	59.8	15.2	1.9	0.0	20.2
TX055308	2666	75.3	64.3	11.0	2.0	0.3	20.4
TXL061816	2370	70.9	53.3	17.6	2.7	0.0	22.7
LSD (P=.10)	536	NS	3.8	4.1	0.8	0.1	1.8
Std Dev	379	2.3	2.7	2.9	0.6	0.1	1.2
CV	11	3.1	4.4	20.6	24.1	318.1	5.8
Trial Average	3218	74.0	59.8	14.2	2.2	0.0	21.3

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Runner Peanut Variety Trial - Ag-Cares Medium Irrigation

Variety	Yield	Grade	SMK	SS	OK	DK	Hulls
	lb/A	----- (%) -----					
TX055307	4657	75.7	62.7	13.0	2.3	0.0	19.73
Flavorranner 458	4556	76.4	63.4	13.0	2.2	0.0	19.54
Tamnut OL06	4273	71.7	56.2	15.6	2.5	0.0	24.23
Tamrun OL02	4251	73.8	59.8	14.1	1.9	0.0	21.31
ACI 149	4055	77.1	59.3	17.8	1.5	0.0	19.75
Tamrun OL07	3951	76.4	61.1	15.3	1.7	0.0	20.27
ACI 121	3646	77.2	64.1	13.1	1.9	0.0	19.19
TX055308	3311	76.9	65.1	11.8	2.1	0.0	19.86
UF09303	3232	75.4	56.1	19.3	1.6	0.0	20.99
TXL061816	2910	72.3	52.0	20.3	2.6	0.0	22.2
LSD (P=.10)	769	2.8	3.9	3.9	NS	0.0	1.362
Std Dev	543	2.0	2.7	2.8	0.8	0.0	0.962
CV	14	2.7	4.6	18.2	37.2	273.9	4.65
Trial Average	3798	75.2	59.7	15.6	2.0	0.0	20.8

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Runner Peanut Variety Trial - Ag-Cares High Irrigation

Variety	Yield	Grade	SMK	SS	OK	DK	Hulls
	lb/A			(%)			
TX055307	5014	75.1	62.4	12.8	2.3	0.0	20.2
UF09303	4613	74.4	51.7	22.7	2.3	0.0	21.8
ACI 149	4552	74.6	63.6	11.0	2.9	0.0	20.9
Tamrun OL02	4369	72.3	60.9	11.4	2.7	0.0	22.7
Flavorranner 458	4299	74.9	63.7	11.2	3.7	0.0	20.3
ACI 121	4090	76.2	64.8	11.4	2.4	0.0	19.9
Tamrun OL07	4068	73.2	55.2	18.0	3.2	0.0	21.3
Tamnut OL06	3977	68.4	56.7	11.7	3.8	0.0	24.2
TX055308	3711	75.3	67.6	7.8	2.4	0.0	20.7
TXL061816	3650	67.1	41.5	25.6	4.7	0.0	25.2
LSD (P=.10)	552	1.9	4.3	4.5	1.2	NS	1.3
Std Dev	390	1.3	3.0	3.2	0.8	0.0	0.9
CV	9	1.8	5.1	22.0	27.1	307.7	4.1
Trial Average	4148	72.9	58.4	14.5	3.1	0.0	21.9

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Runner Peanut Variety Trial - Collingsworth County

Variety	Yield	Grade	SMK	SS	OK	DK	Hulls
	lb/A	----- (%) -----					
AT07V	5270	67.3	52.1	15.2	1.6	0.0	28.4
Tamrun OL02	5113	74.4	66.4	8.0	2.7	0.0	22.3
ACI 149	5034	76.7	60.8	15.9	1.9	0.0	20.6
Tamrun OL07	4716	75.5	63.7	11.8	2.3	0.0	20.7
ACI 121	4642	76.2	62.6	13.7	2.8	0.0	19.9
Flavorrunner 458	4637	74.8	62.6	12.2	3.7	0.0	19.6
UF09303	4515	75.2	52.6	22.5	1.5	0.0	20.5
TXL061816	4025	74.3	55.0	19.4	2.2	0.1	20.9
LSD (P=.10)	NS	3.5	6.0	5.1	NS	NS	1.4
Std Dev	731	2.4	4.2	3.5	0.9	0.1	1.0
CV	15	3.3	7.0	23.8	37.3	489.9	4.5
Trial Average	4744	74.3	59.5	14.8	2.3	0.0	21.6

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Runner Peanut Variety Trial - Wilbarger County

Variety	Yield	Grade	SMK	SS	OK	DK	Hulls
	lb/A			(%)			
ACI 121	4985	70.6	66.6	4.0	3.1	0.0	23.1
TX055308	4753	68.1	65.2	2.9	4.1	0.0	22.3
UF09303	4532	67.0	61.1	6.0	4.6	0.0	24.0
TXL071606	4511	69.0	64.1	5.0	3.1	0.0	24.9
TXL061816	4420	67.1	61.3	5.7	4.5	0.0	22.9
Tamrun OL07	4283	68.4	64.9	3.6	2.5	0.0	23.9
Flavorrinner 458	4276	68.8	65.0	3.8	3.1	0.0	23.3
ACI 149	3799	68.3	65.3	3.0	3.6	0.0	24.3
LSD (P=.10)	NS	NS	2.3	1.4	NS	NS	NS
Std Dev	947	1.4	1.5	0.9	1.6	0.0	1.4
CV	21	2.1	2.4	22.1	45.6	0.0	5.9
Trial Average	4445	68.4	64.2	4.2	3.6	0.0	23.6