

Texas Agrilife Extension Service Runner Peanut Variety Trials

Table 1. Runner peanut yield and rank for West Texas in 2008.

Cultivar	Gaines								Terry				Yoakum	Collingsworth	Wilbarger	Avg							
Tamrun OL 07	6264	7	5532	5	3307	4	3427	2	4871	2	5565	1	4909	1	2277	3	3600	3	5422	4	3121	1	4390
ACI 48	6953	2	5566	4	3185	6	3593	1	4930	1	4948	4	4571	3	1970	4	3984	2	5307	5	3063	2	4370
Flavorranner 458	6612	4	6287	2	3630	2	3158	3	4723	3	4720	7	3959	6	1927	5	4014	1	5122	6	2602	6	4250
McCloud	7204	1	6331	1	3267	5	2287	7	4116	6	5081	3	4024	5	2310	2	3476	4	5718	3	2785	5	4236
Tamrun OL 02	6596	5	4579	7	3897	1	2465	6	4690	4	4857	5	4792	2	3105	1	3306	5	5879	1	1838	9	4182
Florida 07	5916	8	5731	3	3465	3	2919	4	4570	5	3374	11	4428	4	1867	6	3263	6	5877	2	2988	3	4036
Tamnut OL 06			5087	6	2224	7	2882	5	2788	7	4616	8	3511	7	1785	7	3157	7	3969	7			2729
TX055305											4060	10									2968	4	3514
TX055307											5360	2									1619	10	3490
TX055308											4746	6									1928	8	3337
TX055306											4249	9									2404	7	3327
TXL061816	6828	3																					6828
TXL061821	6430	6																					6430
LSD (P=.10)	NS		NS		658		NS		468		753		711		461		471		694		834		
Std. Dev.	779		886		537		704		382		628		580		376		371		570		679		
CV	12		16		17		24		9		13		13		18		10		11		27		
Trial Mean	6600		5588		3282		2962		4384		4689		4313		2177		3543		5328		2532		4240

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Table 2. Runner peanut grade and rank for West Texas in 2008.

Cultivar	Gaines								Terry				Yoakum		Collin.		Wilbar.		Avg				
Flavorranner 458	80.8	2	80.8	1	75.7	2	72.9	4	73.3	1	79.8	5	81.7	2	73.5	1	80.5	1	76.2	2	75.0	6	77.3
ACI 48	81.2	1	80.8	1	76.8	1	71.7	5	73.2	2	81.3	1	82.0	1	73.5	1	80.2	2	73.5	6	76.0	1	77.3
McCloud	77.3	4	77.2	4	73.4	4	72.9	4	69.1	4	76.5	7	79.7	4	70.5	3	74.5	5	74.8	4	74.7	7	74.6
Tamrun OL 07	76.2	6	77.2	4	72.4	7	74.0	1	69.3	3	76.5	7	80.3	3	69.2	5	73.0	6	77.3	1	71.7	9	74.3
Tamrun OL 02	77.8	3	77.7	3	74.0	6	73.3	2	68.9	5	76.3	9	78.8	5	68.5	6	73.0	6	74.0	5	71.3	11	74.0
Florida 07	76.5	5	73.0	7	71.7	2	73.0	3	65.6	7	74.5	11	76.5	7	70.0	4	74.8	4	76.2	2	75.3	5	73.4
Tamnut OL 06			76.3	6	73.0	5	71.2	7	66.8	6	76.3	9	77.7	6	66.0	7	76.3	3	71.7	7	71.7	9	72.7
TX055305												81.3	1								75.7	3	78.5
TX055306												80.8	3								76.0	1	78.4
TX055308												80.7	4								75.7	3	78.2
TX055307												79.8	5								72.0	8	75.9
TXL061821	74.7	7																					74.7
TXL061816	73.0	8																					73.0
LSD (P=.10)	2.0		1.4		3.0		NS		3.2		1.2		1.0		2.3		2.3		3.0		4.9		
Std. Dev.	1.4		1.0		2.1		2.4		2.6		0.8		0.7		1.6		1.6		2.1		3.5		
CV	1.8		1.2		2.8		3.4		3.7		1.1		0.9		2.3		2.1		2.8		4.7		
Trial Mean	77.2		77.6		73.9		72.7		69.5		78.5		79.5		70.2		76.0		74.8		74.1		75.6

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Table 3. Virginia peanut yield and rank for West Texas in 2008.

Cultivar	Gaines		Terry		Wilbarger		Avg		
Perry	7294	2	5419	1	2894	3	4530	1	5034
AT07V	7449	1	4593	6	3214	1	4418	2	4919
Gregory HiOL	6824	5	4915	2	2871	5	3818	6	4607
Georgia 05E	6916	3	4847	3	2564	7	3742	8	4517
Gregory	6118	6	4668	5	2845	6	4226	3	4464
Phillips	6878	4	4535	7	2178	7	3992	5	4396
NC 12C	5779	7	4701	4	2980	4	3784	7	4311
Jupiter					1554	8	4099	4	2827
LSD (P=.10)	953		NS		427		NS		
Std. Dev.	655		613		351		533		
CV	10		13		13		13		
Trial Mean	6751		4811		2638		4076		4384

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Table 4. Virginia peanut grade factors for West Texas in 2008.

Cultivar	Gaines				Terry				Wilbarger				Avg	
	Grade	ELK	Jumbo	Fancy	Grade	ELK	Jumbo	Fancy	Grade	Grade	ELK	Jumbo		Fancy
Georgia 05E	75.2	57.0	61.3	36.3	72.3	50.3	48.3	42.0	67.7	77.0	55.2	21.3	71.3	73.0
NC12C	77.3	59.7	35.3	64.7	70.8	50.2	51.3	35.0	69.4	73.7	49.8	60.0	38.0	72.8
Phillips	78.5	54.0	15.3	77.7	69.0	45.5	49.0	42.3	68.6	74.7	57.0	51.0	43.7	72.7
Gregory Hi OL	77.8	61.7	47.7	50.7	71.2	50.8	53.7	40.7	65.7	74.2	57.3	61.0	37.7	72.2
Perry	73.7	42.3	36.7	60.7	69.2	37.2	50.3	44.7	68.6	75.5	54.3	40.3	57.0	71.7
AT07V	77.0	63.3	76.3	23.3	70.7	50.2	53.7	40.3	64.9	70.8	47.7	38.3	54.0	70.9
Gregory	75.2	58.5	60.7	32.7	71.5	40.2	38.0	53.3	64.0	72.1	48.2	60.3	34.0	70.7
Jupiter									66.6	74.6	53.9	42.3	55.3	70.6
LSD (P=.10)	1.2	5.2	8.9	9.5	NS	8.8	NS	NS	1.8	2.5	NS	16.1	14.9	
Standard Deviat	0.8	3.6	6.1	6.5	2.2	6.0	11.1	7.7	1.2	1.7	6.4	11.2	10.4	
CV	1.1	6.3	12.9	13.2	3.1	13.1	22.6	18.1	1.9	2.3	12.1	24.0	21.2	
Trial Mean	76.6	56.6	45.3	51.6	70.4	45.7	49.3	42.7	66.8	73.7	52.6	50.5	45.7	71.7