



PEANUT PROGRESS

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Peanut Agronomy Update

Planting time is right around the corner. Now is the time to make sure all your equipment is calibrated and in proper running order before we hit the field. A good foundation must be established now in regards to field location, yield goals, irrigation, fertilizer, herbicide, variety, ect. The decisions that we make during the first part of the peanut season will determine the course that we will set for the rest of the year. As I often talk about in many of our educational meetings we are right now setting our top end yield goal for this year's peanut crop. Each thing that we do to detract from that yield level sets a new yield goal for

the rest of the year (unfortunately that yield goal is lower than the previous yield goal we had established). As with all crops timeliness is critical in all decisions that we make. This level of management and timeliness often dictates the success and failures that we ultimately have. That is not to say that mother nature cannot throw us a wicked curveball, but we want to make sure that we set ourselves up to hit a home run in the years that she lobs one in to us down the middle. The Texas AgriLIFE Extension Peanut Program is here to assist each of you in managing your peanut crop. We hope that Peanut Progress provides you with up-to-date information and helps you to make timely decisions with the crop. As always do not hesitate to call if you have issues, concerns, or questions that you would like to see us address with this newsletter. With that this first 2010 addition of Peanut Progress includes the results from the 2009 Peanut Variety Trials and a link to a survey

that we would like for each of you to fill out. This survey asks several questions to help us to recognize and improve on this newsletter for the 2010 season.

The survey link can be found at:

<http://vernon.tamu.edu/peanut/index.php>

Directions:

Please answer the 18 questions on the survey. At the top of the survey there is an option to **reset form** and/or **print form** for your records. When you have completed the form, please click the **Submit by Email** button at the bottom of the survey.

Please take the time to fill out this survey so that we can continue to assist you with your peanut production issues and help become aware of areas that we can improve upon.

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Texas AgriLife Extension Service 2009 Runner Peanut Variety Trials

Variety	CC	FR	GC			TC			WC	YC	Avg
	Yield										
TX055307	4429	3964	4395	4678	4498	5279	6992	4941	4073	3216	4647
TX055308	4299	3580	3861	6130	4316	5255	6680	4801	4072	3209	4620
Flavorrunner 458	4080		3088	5205	4429	3940	6550	4728	3981	3695	4411
Tamrun OL 02	4193	3872	4426	5082	3808	5013	5858	5336	3145	3271	4400
Tamrun OL 07	4592	3411	3348	4917	3798	5170	6710	5058	3610	3017	4363
TXL061821	4454	3319	4677	6164	3845	3854	5156	4488	3924	3149	4303
TXL061816	4567	2612	3775	4741	3541	4775	4801	4645	3948	3380	4079
Mcloud		4010			3996			4572			
UF07305	4957								3774		
Tamrun OL 01		4118									
Florida 07		4056									
TX055306		3365									
LSD (10%)	NS	523	750	1070	482	944	1286	NS	NS	NS	
CV (%)	11	10	16	14	10	16	17	18	18	24	
Average	4449	3594	3863	5373	3962	4668	5959	4804	3779	3287	4363

CC - Collingsworth County, FR - Frio County, GC - Gaines County, TC - Terry County,
WC - Wilbarger County, YC - Yoakum County.

LSD - least significant difference, CV - Coefficient of Variation, NS = not significantly different

Texas AgriLife Extension Service

2009 Runner Peanut Variety Trials

Variety	CC	FR	GC	TC			WC	YC	Avg	
	Grade									
TX055308	76.8	75.5	75.3	78.7	79.2	79.5	75.5	75.1	77.1	77.0
TX055307	72.4	74.0	75.1	79.2	76.4	78.1	76.2	71.8	75.1	75.4
Flavorrunner 458	72.2		75.4	75.0	77.0	77.9	76.0	71.0	76.5	75.1
Tamrun OL 07	73.8	72.0	73.3	74.5	76.7	77.6	72.7	67.2	75.1	73.7
Tamrun OL 02	70.4	71.3	74.2	75.4	74.3	77.3	73.2	67.5	76.0	73.3
TXL061821	71.5	71.8	71.1	75.7	75.9	72.9	72.8	69.8	77.9	73.3
TXL061816	70.4	72.8	71.1	75.4	74.7	75.0	72.6	66.8	76.4	72.8
Mcloud		72.5					71.7			
UF07305	72.9							71.9		
Tamrun OL 01		72.5								
Florida 07		71.3								
TX055306		75.7								
LSD (10%)	3.1	2.4	1.8	3.1	NS	2.2	NS	3.2	NS	
CV (%)	3	2	1.7	2.8	3.9	2.0	4.0	3.8	2.1	
Average	72.6	61.2	73.6	76.3	76.3	76.9	73.8	70.1	76.3	74.4

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Texas AgriLife Extension Service 2009 Virginia Peanut Variety Trials

Varieties	GC	TC	WC	Avg	GC	TC	WC	Avg	
	Yield (lb/A)				Grade (%)				
AT07V	5496	4180	5689	3234	4650	68.7	64.2	66.9	66.6
VC2	6265	3813	4806	3275	4540	67.8	68.3	66.0	67.4
Gregory	6169	3599	4709	3202	4420	68.9	66.1	66.1	67.0
Gregory Hi OL	5861	3790	4549	3413	4403	71.8	69.4	62.8	68.0
VT024051	6503	3680		2674	4286	71.9		68.8	70.4
Georgia 05E	5752	3706	4133	3283	4219	76.7	69.9	70.5	72.4
VT003069	5094	3683		3259	4012	77.1		71.2	74.2
Perry				3430				68.1	
Phillips				3207				67.5	
Florida Fancy				3145				67.9	
NC12C				3031				69.8	
Bailey				2877				70.6	
LSD (10%)	NS	NS	774	NS		2.5	3.5	3.8	
CV (%)	20.2	21.2	12.9	12.5		2.4	3.4	4.0	
Average	5877	3779	4938	3169	4361	71.8	67.0	68.0	69.4

GC - Gaines County, TC - Terry County, WC - Wilbarger County,

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Texas AgriLife Extension Service

2009 Virginia Peanut Variety Trials

Varieties	GC	TC	WC	Avg	GC	TC	WC	Avg
	ELK				Jumbo			
	------(%)-----							
Gregory	45.2	34.6	35.9	38.6	35.0	21.0	27.7	27.9
Gregory Hi OL	59.1	41.5	41.6	47.4	58.0	32.0	50.3	46.8
AT07V	54.4	34.7	46.8	45.3	39.0	27.3	24.7	30.3
VC2	40.5	25.2	32.4	32.7	19.3	14.0	26.7	20.0
Georgia 05E	67.3	48.5	48.6	54.8	52.0	39.3	18.0	36.4
VT003069	63.2		51.0	57.1	50.3		60.3	55.3
VT024051	60.0		51.3	55.7	66.7		69.3	68.0
NC12C			56.5				52.7	
Perry			51.6				43.7	
Phillips			53.5				31.3	
Bailey			50.0				43.0	
Florida Fancy			48.5				48.7	
LSD (10%)	4.1	4.9	6.5		9.1	6.8	8.4	
CV (%)	5.1	8.7	9.8		13.6	16.8	14.5	
Average	55.7	36.9	47.3	47.4	45.8	26.7	41.4	40.7

GC - Gaines County, TC - Terry County, WC - Wilbarger County,

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2009 Valencia Peanut Variety Trials

Varieties	BC	TC	Avg	BC	TC	Avg
	Yield			Grade		
	----- (lb/A) -----			----- (%) -----		
GENTEX 118	2522	3678	3100	63.0	70.3	66.7
TxL054529-27	2287	3804	3045	62.7	71.7	67.2
TxL054529-33	2255	3645	2950	59.6	74.2	66.9
GENTEX 101	2082	3426	2754	67.2	71.9	69.6
GENTEX 136	2246	3167	2706	68.0	71.1	69.5
GENTEX 122	2086	3144	2615	65.5	72.5	69.0
GENTEX 119	1732	3462	2597	68.6	70.9	69.7
GENTEX 112	2210	2879	2545	68.7	70.0	69.4
Valencia C	1833	3057	2445	67.8	71.3	69.6
Kennedy	1758	3005	2381	66.6	71.1	68.9
Tamnut OL06	2823	4693	3758	62.6	71.0	66.8
LSD (10%)	322	364		2.3	1.9	
CV (%)	18	16		6	2	
Average	2167	3451	2809	65.5	71.5	68.5

TC - Terry County, BC - Bailey County,

LSD - least significant difference, CV - Coefficient of Variation, NS = not significantly different

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