

2001 Seed Treatment
Texas Agricultural Experiment Station
Stephenville, TX

Treatment	Product	Rate/A
1	Check	
2	VITAVAX PC	175 GA/100KgSeed
3	MAXIM XL 27 FS	3.5 GA/100KgSeed
4	MAXIM XL 27 FS CGA301940	3.5 GA/100KgSeed 5.9 GA/100KgSeed
5	MAXIM XL 27 FS CGA301940	3.5 GA/100KgSeed 200 GA/100KgSeed
6	A12816	7.25 GA/100KgSeed
7	A12817	9.75 GA/100KgSeed
8	A12818	8.5 GA/100KgSeed
9	A12819	11.0 GA/100KgSeed
10	A12820	11.0 GA/100KgSeed
11	A12821	13.5 GA/100KgSeed
12	MAXIM XL 27 FS	3.5 GA/100KgSeed

Variety - Georgia Green
Planted - May 17th
Harvested - October 15th

These different seed treatments were planted on the Experiment Station in Stephenville. Other than seedling disease, no real disease pressure was experienced throughout the growing season. Emergence counts were taken every week after planting for a 30 day period. Other evaluations made are printed in the text. Some seedling disease and thrip damage is all that was observed. There is a rating for growth and hardiness. No phytotoxicity was observed in

2001 Seed Treatment
Texas Agricultural Research Center
Emergence Counts
05/24/2001

Treatment	Rep 1	Rep 2	Rep 3	Avg.
1	0	1	5	2
2	2	2	4	2.7
3	2	0	5	2.3
4	0	1	1	0.7
5	3	0	4	2.3
6	1	0	3	1.3
7	1	3	2	2
8	1	3	3	2.3
9	0	4	3	2.3
10	0	3	5	2.7
11	0	0	9	3
12	0	3	6	3

Live plants/10 row feet

2001 Seed Treatment
Texas Agricultural Research Center
Emergence Counts
05/31/2001

Treatment	Rep 1	Rep 2	Rep 3	Avg.
1	3	5	12	6.7
2	30	36	41	35.7
3	30	28	24	27.3
4	27	26	25	26
5	25	34	28	29
6	22	31	22	25
7	18	24	31	24.3
8	26	32	30	29.3
9	24	29	33	28.7
10	19	29	41	29.7
11	27	26	39	30.7
12	10	15	29	18

Live plants/10 row feet

**2001 Seed Treatment
Texas Agricultural Research Center
Emergence Counts
06/07/2001**

Treatment	Rep 1	Rep 2	Rep 3	Avg.
1	2	7	8	5.7
2	33	36	40	36.3
3	32	27	23	27.3
4	31	26	22	27.3
5	29	34	29	30.7
6	24	30	22	25.3
7	20	25	30	25
8	30	37	29	32
9	27	29	35	30.33
10	20	32	38	30
11	32	27	39	32.7
12	11	15	27	17.7

Live plants/10 row feet

2001 Seed Treatment
Texas Agricultural Research Center
Emergence Counts
06/14/2001

Treatment	Rep 1	Rep 2	Rep 3	Avg.
1	2	5	8	5
2	35	32	37	34.7
3	27	27	22	25.3
4	30	26	21	25.7
5	27	32	27	28.7
6	22	32	23	25.7
7	20	24	29	24.3
8	28	37	27	30.7
9	25	31	34	30
10	20	30	33	27.7
11	28	27	37	30.7
12	8	15	28	17

Live plants/10 row feet

2001 Peanut Seed Treatment

Treatment	Growth Rating (Hardiness - Uniformity)			
	Rep 1	Rep 2	Rep 3	Avg.
1	4	4.5	4	4.2
2	2	2	2	2
3	2	1	2	1.6
4	2	2	3	2.3
5	1	1	2	1.3
6	1	2	1	1.3
7	2	1	1	1.3
8	1	1	1	1
9	2	2	2	2
10	2	1	3	2
11	2	2	2	2
12	2	3	3	2.6

Rated 1 - 5

1 = Best

5 = Worst

2001 Peanut Seed Treatment Thrip Ratings

Treatment	Rep 1	Rep 2	Rep 3	Avg.
1	4	3	4	3.6
2	2	2	2	2
3	2	1	3	2
4	3	3	3	3
5	2	1	2	1.6
6	2	1	2	1.6
7	3	3	2	2.6
8	2	2	2	2
9	2	3	1	2
10	3	3	3	3
11	4	3	4	3.6
12	1	2	1	1.3

Rated 1 - 5

1 = No thrip damage

5 = Severe Damage

Diseased or Dead Plants

Black Mold - (fungus - *Aspergillus niger*) was detected in some treatments. All others - No infection

Treatment	% Infections
1	30%
3	2%
6	1%
9	1%
10	1%

2001 Seed Treatment
Erath County
Experiment Station

Treatment	Yield/Rep			#/A Average	Total Smk + SS/Rep			Average Smk + SS	% DK			Average % DK	% OK			Average % OK	\$/Ton	Value \$/A
	1	2	3		1	2	3		1	2	3		1	2	3			
1	1111	1851	1790	1584	66	59	60	62					8	14	13	12	\$546.71	433
2	3517	2900	2468	2962	67	70	70	69					9	6	6	7	\$599.54	888
3	3081	2839	2283	2734	67	68	67	67					9	6	8	8	\$583.85	798
4	3147	2962	2160	2756	69	70	67	69					6	6	8	7	\$599.54	826
5	4196	2962	2530	3229	67	68	70	68					7	7	7	7	\$591.00	954
6	4073	3332	2530	3312	66	71	67	68					8	5	9	7	\$591.00	979
7	3209	2900	1975	2695	64	67	69	67					8	8	8	8	\$583.85	787
8	4073	3517	3147	3579	61	66	71	66					10	7	6	8	\$575.30	1029
9	3764	3579	2592	3312	61	64	69	65					10	8	7	8	566.76	939
10	2904	3579	2976	3154	54	64	65	61					13	9	9	10	539.37	797
11	2715	2900	3456	3024	59	68	69	65					10	8	6	8	566.76	979
12	2839	3641	3703	3394	55	68	61	61					14	8	13	12	538.17	996