

**2003 Peanut Seedling Disease
Erath County**

Syngenta (Seed Treatment)

Treatment	Chemical	Rate/A
1 A	Check	
2 A	Dynasty PD .12 DS	10.5 g./ 100 Kg Seed
3 A	Dynasty PD .12 DS	14 g./ 100 Kg Seed
4 a	Vitavax PC	175g./ 100 Kg Seed

Variety: Ga Green

Gustafson (Seed Treatment)

Treatment	Chemical	Rate/ A
1 B	Check	
2 B	Vitavax PC	4 oz. /CWT
3 B	L-1292-A1	4 oz./CWT
4 B	L-1293-A1	4 oz./CWT
5 B	L-1294-A1	4 oz./CWT
6 B	RTU PCNB	3 oz./CWT
	GUS 42S	3 oz./CWT
	LO283-A1	3 oz./CWT
7 B	L1305-A1	4 oz./CWT

Variety: Tamrun 96

Gowan (Infurrow)

Treatment	Chemical	Rate/ A
1 C	Moncut 70 DF	9.38 g
2 C	Moncut 70 DF	13.4 g
3 C	Moncut 70 DF	20 g
4 C	Moncut 70 DF	26.8 g
5 C	Check	
6 C	Abound	22 mls

Variety: Tamrun 96

**Syngenta Peanut Emergence Count
Texas A&M Extension Center – Stephenville, Tx
2003 Seed Treatment**

Treatment 1 (Check)				
	Rep 1	Rep 2	Rep 3	Average
5/30	1	1	1	1
6/6	1	3	8	4
6/13	1	3	7	3.66
Treatment 2 (Dynasty PD .12 DS @ 10.5g/100Kg)				
	Rep 1	Rep 2	Rep 3	Average
5/30	0	16	12	9.33
6/6	11	34	43	29.33
6/13	13	29	44	28.66
Treatment 3 (Dynasty PD .12 DS @ 14g/100Kg)				
	Rep 1	Rep 2	Rep 3	Average
5/30	0	10	4	4.66
6/6	34	39	23	32
6/13	27	37	23	29
Treatment 4 (Vitavax PC @175g/100Kg)				
	Rep 1	Rep 2	Rep 3	Average
5/30	1	2	5	2.66
6/6	30	24	26	26.66
6/13	27	23	25	25

Variety: Georgia Green

Plant Date: 5/16

Primary Disease Organism: Rhizoctonia sp

Numbers represent plants/20 row feet

**Gustafson Peanut Emergence Count
Texas A&M Extension Center – Stephenville, Tx
2003 Seed Treatment**

Treatment 1 (Check)				
	Rep 1	Rep 2	Rep 3	Average
5/30	3	4	1	2.66
6/6	13	13	11	12.33
6/13	12	12	10	11.33
Treatment 2 (Vitavax PC @ 4 oz./CWT)				
	Rep 1	Rep 2	Rep 3	Average
5/30	0	24	9	11
6/6	24	35	29	29.33
6/13	28	34	28	30
Treatment 3 (L-1292-A1 @ 4oz/CWT)				
	Rep 1	Rep 2	Rep 3	Average
5/30	0	10	9	6.33
6/6	36	34	24	31.33
6/13	37	29	27	31
Treatment 4 (L-1293-A1 @ 4oz/CWT)				
	Rep 1	Rep 2	Rep 3	Average
5/30	0	8	4	4
6/6	40	29	24	31
6/13	40	30	23	31
Treatment 5 (L-1294-A1 @ 4oz/CWT)				
	Rep 1	Rep 2	Rep 3	Average
5/30	28	4	18	16.66
6/6	40	25	28	31
6/13	41	27	29	32.33
Treatment 6 (RTU PCNB @ 3oz/CWT, GUS 42S @ 3oz/CWT, LO283-A1 @ 3oz/CWT)				
	Rep 1	Rep 2	Rep 3	Average
5/30	13	4	0	5.66
6/6	13	15	7	11.66
6/13	14	16	8	12.66
Treatment 7 (L1305-A1 @ 4oz/CWT)				
	Rep 1	Rep 2	Rep 3	Average
5/30	9	17	16	14
6/6	25	33	30	29.33
6/13	21	31	28	26.66

Variety: Tamrun 96

Plant Date: 5/16

Primary Disease Organism: Rhizoctonia sp

Numbers represent plants/20 row feet

Gowan Peanut Emergence Count
Texas A&M Extension Center – Stephenville, Tx
2003 Infurrow

Treatment 1 (Moncut 70 DF @ .35# AI/A)				
	Rep 1	Rep 2	Rep 3	Average
5/30	2	1	5	2.66
6/6	5	5	10	6.66
6/13	4	7	11	7.33
Treatment 2 (Moncut 70 DF @ .5# AI/A)				
	Rep 1	Rep 2	Rep 3	Average
5/30	5	2	6	4.33
6/6	8	8	14	10
6/13	8	8	14	10
Treatment 3 (Moncut 70 DF @ .75# AI/A)				
	Rep 1	Rep 2	Rep 3	Average
5/30	3	2	1	2
6/6	6	10	1	5.66
6/13	4	11	2	5.66
Treatment 4 (Moncut 70 DF @ 1# AI/A)				
	Rep 1	Rep 2	Rep 3	Average
5/30	5	1	1	2.33
6/6	5	6	3	4.66
6/13	5	8	4	5.66
Treatment 5 (Check)				
	Rep 1	Rep 2	Rep 3	Average
5/30	1	0	2	1
6/6	8	8	8	8
6/13	8	7	6	7
Treatment 6 (Abound @ 18.4oz AI/A)				
	Rep 1	Rep 2	Rep 3	Average
5/30	1	1	3	1.66
6/6	6	9	8	7.66
6/13	5	8	9	7.33

Variety: Tamrun 96

Plant Date: 5/16

Primary Disease Organism: Rhizoctonia sp

Numbers represent plants/20 row feet

Syngenta Seedling Disease
Harvested October 22, 2003

Treatment	Rep	Yield/Acre	Grade	% Damaged	% Immature	\$ Value/Acre	Avg \$/Acre
1	1	145	73%	0%	4%	26	75
	2	290	75%	0%	5%	54	
	3	871	66%	0%	8%	145	
2	1	2033	75%	0%	4%	377	288
	2	1452	69%	0%	6%	250	
	3	1452	65%	0%	8%	238	
3	1	1742	76%	0%	3%	275	265
	2	1742	71%	0%	4%	306	
	3	1162	75%	0%	4%	215	
4	1	2323	75%	0%	3%	429	388
	2	1742	75%	0%	4%	323	
	3	2323	71%	0%	6%	411	

**Gustafson Seeding Disease
Harvested October 2003**

Treatment	Rep	Yield/Acre	Grade	% Damaged	% Inmature	\$ Value/Acre	Avg \$/Acre
1	1	1278	63%	0%	7%	203	252
	2	1801	65%	0%	8%	295	
	3	1684	64%	0%	5%	257	
2	1	2439	62%	1%	7%	356	522
	2	3950	71%	0%	4%	693	
	3	3543	62%	0%	7%	517	
3	1	2730	68%	0%	4%	460	547
	2	3601	71%	0%	4%	632	
	3	3369	65%	0%	7%	549	
4	1	2846	71%	0%	4%	499	603
	2	3775	67%	0%	7%	634	
	3	3950	61%	0%	8%	675	
5	1	2962	61%	0%	4%	520	566
	2	3543	70%	0%	4%	613	
	3	3426	69%	0%	5%	564	
6	1	1626	72%	0%	4%	289	332
	2	2382	66%	0%	7%	394	
	3	1974	63%	0%	7%	313	
7	1	2439	68%	0%	6%	413	563
	2	3834	67%	0%	7%	644	
	3	3775	67%	0%	6%	632	

**Gowan Seedling Disease
Harvested October 2003**

Treatment	Rep	Yield/Acre	Grade	% Damaged	% Inmature	\$ Value/Acre	Avg \$/Acre
1	1	1016	64%	0%	7%	163	181
	2	944	58%	0%	11%	141	
	3	1634	56%	0%	14%	239	
2	1	1379	62%	0%	8%	216	194
	2	980	56%	0%	13%	143	
	3	1416	63%	0%	7%	224	
3	1	762	63%	0%	7%	121	127
	2	944	54%	0%	15%	134	
	3	799	62%	0%	10%	126	
4	1	944	60%	0%	10%	144	167
	2	1234	57%	0%	13%	182	
	3	1161	58%	0%	12%	174	
5	1	581	61%	0%	9%	90	117
	2	980	52%	0%	16%	135	
	3	799	62%	0%	8%	125	
6	1	1234	59%	0%	10%	186	194
	2	1285	62%	0%	8%	201	
	3	1234	63%	0%	8%	196	