

**Syngenta & Gustafson**  
**Peanut Seed Treatment and Fungicide**  
**Seedling Counts**  
**Stepenville, TX (Erath)**  
**May 4,10,14,& June 4, 2004**

3,7,14, 28 days after 1 <sup>st</sup> emergence																
8	8	6	3	3	16	2	6	2	7	10	4	5	7	8	X	5
53	51	28	7	29	51	18	32	34	30	36	30	21	36	23	25	38
52	58	39	11	35	58	22	33	40	34	37	40	32	45	28	24	40
37	42	29	9	31	43	25	29	29	27	32	31	26	34	25	25	39
303	304	307	301	308	310	313	316	314	306	312	309	317	302	311	315	305
Rep. 3																
4	9	3	0	6	X	1	3	21	3	2	8	2	4	4	4	3
31	37	32	28	31	37	14	23	40	33	29	27	15	37	45	25	33
42	40	36	38	35	45	18	33	38	42	36	31	19	46	46	31	40
31	34	32	31	29	37	17	27	35	37	31	37	20	36	26	28	33
206	209	215	202	214	205	211	203	212	208	213	217	201	210	204	207	216
Rep. 2																
3	0	0	4	0	0	0	3	13	1	2	3	1	1	X	1	0
10	22	12	24	6	12	11	29	43	27	10	32	20	27	21	20	6
16	46	35	43	23	36	33	45	53	43	17	45	28	33	21	24	28
15	34	33	35	33	30	30	34	39	27	14	32	26	26	18	22	31
101	102	103	104	105	106	107	108	109	110	111	112	113	114	117	116	115
Rep. 1																
Gravel Road																

Corn

Notes:

- X indicates wildlife damage.
- Double Rate of Herbicide

**Treatments:**

1. Gustafson- Check
2. Gustafson- VitavaxPctops (L0293)
3. Gustafson- L1292-A1
4. Gustafson- L1294-A1
5. Gustafson- L1332-A1
6. Gustafson- L1226-A1, Thiram 42S, Allegiance, L0283-A1, Pro-Ized Seed Col.
7. Gustafson- Thiram 42S, RTU PCNB, L0283-A1, Pro-Ized Seed Col.
8. Gustafson- L1226-A1, Thiram 42S, Allegiance, RTU PCNB, L0283-A1, Pro-Ized Col./ Blue
9. Gustafson- L1138-A1
10. Gustafson- L1402
11. Syngenta- Check
12. Syngenta- Dynasty 12.25
13. Syngenta- Dynasty 14.0
14. Syngenta- Vitavax
15. Syngenta- Vitavax, Abound (infurr)
16. Syngenta- Dynasty 14.0, Abound (infurr)
17. Syngenta- Vitavax

The Gustafson and Syngenta treatments were different seed lots all planted on the same day.

**Erath County Seedling Disease  
Gustafson**

<b>Treatment #</b>	<b>Chemical</b>
1	Check
2	VitavaxPctops (L0293)
3	L1292-A1
4	L1294-A1
5	L1332-A1
6	L1226-A1, Thiram 42S, Allegiance, L0283-A1, Pro-Ized Seed Col.
7	Thiram 42S, RTU PCNB, L0283-A1, Pro-Ized Seed Col.
8	L1226-A1, Thiram 42S, Allegiance, RTU PCNB, L0283-A1, Pro-Ized Col./Blue
9	L1138-A1
10	L1402

All treatments received a 2 X rate of Treflon herbicide preplant. This severely damaged seedling stand and vigor.

Plot size was 2 rows x 50' x 36"

Soil type = Sandy Loam

Planting date = April 22, 2004

Type = Runner

Planting weather: Air = 68°F

Soil = 62°F

Moisture = wet + additional 5" rainfall received within 72 hours  
after planting

Harvest Date = October 15, 2004

**Erath County Seedling Disease  
Gustafson**

<b>Treatment</b>	<b>Rep</b>	<b>Yield #/acre</b>	<b>Grade</b>	<b>% Damaged</b>	<b>% Immature</b>	<b>Value/ \$ acre</b>	<b>Avg</b>
<b>1</b>	1	1452	73%	1%	2%	259	218
	2	1307	68%	1%	5%	220	
	3	1016	69%	0%	5%	174	
<b>2</b>	1	1888	71%	2%	3%	329	349
	2	2033	72%	1%	3%	359	
	3	2033	72%	0%	2%	358	
<b>3</b>	1	1888	73%	0%	3%	338	340
	2	1888	72%	1%	3%	334	
	3	2033	70%	1%	3%	349	
<b>4</b>	1	1888	73%	0%	3%	340	370
	2	1888	68%	0%	5%	348	
	3	2468	71%	0%	2%	422	
<b>5</b>	1	1016 W	70%	0%	4%	175	239
	2	2033	72%	0%	2%	358	
	3	1307	72%	0%	3%	183	
<b>6</b>	1	1742	73%	0%	4%	313	357
	2	2033	70%	0%	3%	349	
	3	2323	71%	0%	4%	408	
<b>7</b>	1	726	66%	1%	6%	119	273
	2	1742	71%	1%	3%	304	
	3	2323	69%	0%	5%	397	
<b>8</b>	1	1597	73%	0%	3%	286	285
	2	1888	71%	1%	3%	329	
	3	1452	67%	0%	5%	241	
<b>9</b>	1	1742	72%	2%	3%	308	331
	2	1597	73%	0%	2%	285	
	3	2323	70%	0%	4%	401	
<b>10</b>	1	1742	70%	1%	4%	301	345
	2	1888	68%	0%	5%	322	
	3	2323	72%	0%	3%	411	

W = Wildlife Damage

All values are based on a loan value of \$356.06/ton with quality parameters.

**Erath County Seedling Disease  
Syngenta**

<b>Treatment #</b>	<b>Chemical</b>
<b>1</b>	Check
<b>2</b>	Dynasty 12.25
<b>3</b>	Dynasty 14.0
<b>4</b>	Vitavax
<b>5</b>	Vitavax, Abound (infurr)
<b>6</b>	Dynasty 14.0, Abound (infurr)
<b>7</b>	Vitavax

All treatments received a 2 X rate of Treflon herbicide preplant. This severely damaged seedling stand and vigor.

Plot size was 2 rows x 50' x 36"

Soil type = Sandy Loam

Planting date = April 22, 2004

Type = Runner

Planting weather: Air = 68°F

Soil = 62°F

Moisture = wet + additional 5" rainfall received within 72 hours  
after planting

Harvest Date = October 15, 2004

**Erath County Seedling Disease  
Syngenta**

<b>Treatment</b>	<b>Rep</b>	<b>Yield #/acre</b>	<b>Grade</b>	<b>% Damaged</b>	<b>% Immature</b>	<b>Value/ \$ acre</b>	<b>Avg</b>
<b>1</b>	1	1307	67%	0%	7%	219	269
	2	581 W	66%	0%	5%	-	
	3	1888	68%	0%	5%	318	
<b>2</b>	1	1888	62%	2%	9%	296	281
	2	1307	73%	1%	2%	233	
	3	1888	67%	0%	5%	313	
<b>3</b>	1	1597	67%	0%	7%	267	298
	2	1888	71%	0%	3%	329	
	3	726 W	69%	0%	5%	-	
<b>4</b>	1	1742	70%	1%	5%	302	297
	2	1452	70%	0%	4%	251	
	3	1888	73%	1%	3%	338	
<b>5</b>	1	1597	60%	1%	10%	244	330
	2	2323	73%	1%	2%	415	
	3	1016 W	69%	1%	4%	-	
<b>6</b>	1	1452	63%	2%	8%	230	299
	2	1742	71%	1%	4%	305	
	3	2033	73%	0%	2%	363	
<b>7</b>	1	726 W	71%	0%	4%	-	320
	2	2033	69%	0%	5%	347	
	3	1742	68%	1%	5%	293	

W = Wildlife damage = Not counted in average

All values are based on a loan value of \$356.06/ton with quality parameters.