

Field plot design.

15' Alley						
						Rep 4
2' Alley						
Tamrun-96	Florunner	COAN	TP-293	TP-296	TP-301	
5' Alley						
						Rep 3
2' Alley						
TP-296	TP-301	Tamrun-96	Florunner	COAN	TP-293	
5' Alley						
						Rep 2
2' Alley						
Tamrun-96	Florunner	COAN	TP-293	TP-296	TP-301	
5' Alley						
						Rep 1
2' Alley						
COAN	TP-293	TP-296	TP-301	Tamrun-96	Florunner	
15' Alley						

Plot Dimensions 42' x 293'.

2 Row plots 6' x 60'. Each plot is separated into two 30' sub plots by a 2' alley.

Shaded areas represent Temik treatment.

Non-shaded areas represent untreated areas.

Planted May 26, 2000.

Harvested November 14, 2000.

Pre-plant nematode counts (Erath Co.).

Replication	Root-Knot (J2/500 cm <sup>3</sup> soil)	
	Treated	Untreated
COAN	0	40
TP 293-3-3	0	0
TP 296-4-4	10	20
TP 301-1-8	10	0
Tamrun 96	30	10
Florunner	10	0
Tamrun 96	0	0
Florunner	0	0
COAN	0	0
TP 293-3-3	0	0
TP 296-4-4	0	0
TP 301-1-8	0	10
TP 296-4-4	0	0
TP 301-1-8	0	10
Tamrun 96	0	0
Florunner	0	0
COAN	10	0
TP 293-3-3	10	0
COAN	0	0
TP 293-3-3	10	0
TP 296-4-4	0	40
TP 301-1-8	10	40
Tamrun 96	10	0
Florunner	0	20

Mid-season nematode counts (Erath Co.).

Replication	Root-Knot (Eggs+J2/500 cm <sup>3</sup> soil)	
	Treated	Untreated
COAN	0	0
TP 293-3-3	0	0
TP 296-4-4	0	0
TP 301-1-8	0	0
Tamrun 96	2280	512
Florunner	4403	3488
Tamrun 96	2390	2640
Florunner	2098	2144
COAN	384	3
TP 293-3-3	13	0
TP 296-4-4	0	0
TP 301-1-8	0	0
TP 296-4-4	0	0
TP 301-1-8	0	0
Tamrun 96	5880	1674
Florunner	5962	1120
COAN	0	0
TP 293-3-3	4	8
COAN	0	0
TP 293-3-3	504	972
TP 296-4-4	0	4
TP 301-1-8	53	760
Tamrun 96	902	1200
Florunner	739	1696

Late-season nematode counts (Erath Co.).

Genotype	Root-Knot (J2/500 cm <sup>3</sup> soil)	
	Treated	Untreated
COAN	0	149
TP 293-3-3	731	5808
TP 296-4-4	216	70
TP 301-1-8	30	162
Tamrun 96	17000	3972
Florunner	8331	6248
Tamrun 96	4572	37060
Florunner	10712	10912
COAN	0	173
TP 293-3-3	314	258
TP 296-4-4	0	1623
TP 301-1-8	24	514
TP 296-4-4	0	0
TP 301-1-8	14	0
Tamrun 96	5980	3684
Florunner	3586	51636
COAN	928	10
TP 293-3-3	0	4701
COAN	30	0
TP 293-3-3	50	0
TP 296-4-4	162	14
TP 301-1-8	34	0
Tamrun 96	8248	11902
Florunner	5677	7883

**Table XXI. Peanut yields and quality grades (Erath Co.).**

Treatment	Yield/Rep				#/A	Total Smk + SS/Rep				Average	% DK				Average	% OK				Average	\$/Ton	Value
	1	2	3	4	Average	1	2	3	4	Smk + SS	1	2	3	4	% DK	1	2	3	4	% OK		\$/A
<b>COAN T</b>	1839.2	2516.8	774.4	1863.4	1748.45	172	175.3	161.2	171.2	169.93	3.7	3.5	3.3	1.1	2.9	16.7	12.7	16.6	17.5	15.875	\$ 562.18	\$ 491.47
<b>TP-293 T</b>	2807.2	3097.6	2323.2	3242.8	2867.70	172.6	170.8	164.3	174.5	170.55	1.6	4.4	1.5	0.7	2.05	11.7	12.2	18	13.3	13.8	\$ 585.36	\$ 839.32
<b>TP-296 T</b>	3460.6	2904	3194.4	3412.2	3242.80	172.3	182.4	178.7	180.7	178.53	2.1	2	0.8	1.3	1.55	17.2	10.3	14.9	11.4	13.45	\$ 624.45	\$ 1,012.48
<b>TP-301 T</b>	3121.8	3315.4	1936	3533.2	2976.60	170	182.7	174.7	182	177.35	1.4	0.8	2.3	1.1	1.4	9.7	10.8	11	11.2	10.675	\$ 599.88	\$ 892.80
<b>Tam 96 T</b>	1984.4	2541	2226.4	2420	2292.95	172.7	174.7	176.5	172.8	174.18	6.6	2.7	2.5	1.8	3.4	8.8	8.9	8.3	12	9.5	\$ 589.22	\$ 675.53
<b>Florun T</b>	3049.2	3654.2	2686.2	3242.8	3158.10	187.8	183.2	181.8	183.3	184.03	1.3	1.8	2.7	0.4	1.55	9.4	6.9	8.8	11.5	9.15	\$ 551.53	\$ 870.89
<b>COAN UT</b>	1936	2516.8	919.6	1863.4	1808.95	167.7	175.1	150.8	170.1	165.93	6.6	1.7	1.5	1.4	2.8	19.8	15.9	25.3	17	19.5	\$ 594.02	\$ 537.28
<b>TP-293 UT</b>	2662	3194.4	2371.6	3097.6	2831.40	158.4	167.2	158.5	174.8	164.73	5.5	0.6	1.8	2.5	2.6	20.9	20.1	18.8	11.9	17.925	\$ 615.79	\$ 871.77
<b>TP-296 UT</b>	3146	3267	2710.4	3509	2292.95	175.7	179.3	166.7	174.3	174.00	3.1	1.9	1.6	0.7	1.825	14.2	10.8	19	16.5	15.125	\$ 608.53	\$ 697.66
<b>TP-301 UT</b>	2855.6	3484.8	2662	3315.4	3158.10	173.3	179	170.1	176.8	174.80	4.7	2.2	1.9	0	2.2	10.1	14.3	16	16.1	14.125	\$ 624.45	\$ 986.04
<b>Tam 96 UT</b>	1524.6	2323.2	677.6	2226.4	1808.95	167.9	178.4	165.4	167.5	169.80	5.9	1.6	1.9	1.2	2.65	11.5	8.9	16.5	18	13.725	\$ 518.56	\$ 469.02
<b>Florun UT</b>	2153.8	2904	3896.2	2783	2831.40	175.5	179.9	172.4	178.4	176.55	4	1.1	0.5	2.1	1.925	17.9	13.1	13.5	13.1	14.4	\$ 401.53	\$ 568.45

Treatments followed by T represent peanuts treated with Temik  
Treatments followed by UT represent untreated peanuts