

**2002 Leafspot**  
**Texas Agricultural Experiment Station – Stephenville, TX**

<b>Treatment</b>	<b>Chemical</b>	<b>Rate/A</b>	<b>Timing</b>	<b>ml/Plot</b>	
<b>1</b>	Untreated				1-3-2
<b>2</b>	Chlorothalon	24 oz.	Full season	29.3 ml.	2-7-6
<b>3</b>	Folicur 3.6 F Chlorothalon	7.2 oz. 24 oz.	60-75-90-105 45	8.8 ml. 29.3 ml.	3-1-5
<b>4</b>	Folicur 3.6 F Stratego 2.08 EC Headline Headline	7.2 oz. 7 oz. 6 oz. 9 oz.	75-105-120 45 60 90	8.8 ml. 8.5 ml. 7.3 ml. 11 ml.	4-2-1
<b>5</b>	Stratego 2.08 EC Chlorothalon	7 oz. 24 oz.	60-75-90-105 45	8.5 ml. 29.3 ml.	5-8-7
<b>6</b>	Stratego 2.08 EC	14 oz.	75-105	17.1 ml.	6-4-3
<b>7</b>	Headline Bravo 720	6 oz. 1.5 pt.	45-60 75-90-105	7.3 ml. 29.3 ml.	7-5-8
<b>8</b>	Headline Bravo 720	12 oz. 1.5 pt.	45-87 73-115	14.7 ml. 29.3 ml.	8-6-4

**Apply No. 6 only if Rhizoctonia present**

**2 Row Plots – 100' long – 3 Reps**

**Planted 5/16/02**

**Harvested 11/08/02**

**Tamrun 96**

**2002 Leaf Spot  
Ratings  
9/15/02**

Treatment	Diseased Plants/200 r.f.			Leaf Spot Ratings		
	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
1	11	9	4	5	5	5
2	7	4	2	4	3	3
3	3	5	1	4	3	2
4	5	2	2	1	2	1
5	0	3	6	2	1	1
6	1	2	2	1	2	2
7	3	5	4	2	2	2
8	2	4	2	1	2	1

Plants rated just before digging for leaf spot.  
Disease counts made after digging.

**2002 Leaf Spot  
Ratings  
9/20/02**

Treatment	Diseased Plants Rhizoctonia			Ratings		
	Rep 1	Rep 2	Rep 3	Rep 1	Rep 2	Rep 3
1	7	5	4	4	3	3
2	4	1	5	4	2	2
3	5	3	0	2	3	1
4	3	1	1	1	1	1
5	1	1	0	1	1	1
6	2	3	1	1	1	2
7	0	1	6	1	1	2
8	4	2	2	1	2	1

Diseased Plants = Number/200 r.f.  
Ratings = 1-5 (1 being no leaf spot – 5 being severe)

**2002 Leaf Spot  
TAES – Stephenville**

Treatment	Yield/A				SMK + SS				DK	% OK				\$/Ton	Value \$/Acre
	Rep 1	Rep 2	Rep 3	Avg.	Rep 1	Rep 2	Rep 3	Avg.		Rep 1	Rep 2	Rep 3	Avg.		
<b>1</b>	3412	3397	2614	3141	74	73	73	73	-	2	3	4	3	360.51	566
<b>2</b>	2977	3412	2396	2928	77	72	75	75	-	2	3	4	3	370.28	542
<b>3</b>	2831	3397	2904	3044	73	74	73	73		2	3	4	3	360.51	549
<b>4</b>	3267	3412	3703	3461	77	72	75	75	-	2	4	3	3	370.28	641
<b>5</b>	3267	3194	2686	3049	74	75	71	73	-	3	2	3	3	360.51	550
<b>6</b>	3122	3194	3194	3170	74	76	74	75	-	3	3	4	3	370.28	587
<b>7</b>	2904	3412	2468	2928	74	76	71	74	-	2	2	5	3	365.39	535
<b>8</b>	3122	2904	2831	2952	71	73	71	72	-	3	3	4	3	355.63	525



**Weather Data  
2002 Leafspot  
Texas Agricultural Experiment Station – Stephenville, TX**

Spray Date	7/30	8/15	8/30	9/20
Soil Temp	80	80	67	58
Air Temp	82.5	98	78.7	63
Humidity	66.5%	47%	58.9%	60%
Wind Speed	4 mph	0	0	0
Wind Direction	NW	-	-	-
Time of Application	8:00 A.M.	11:00 A.M.	8:30 A.M.	8:30 A.M.
Dew Present	No	No	Slight	Heavy
% Cloud Cover	50%	35%	0%	0%

