

**2002 Soilborne Disease Control  
Terry County**

<b>Treatment</b>	<b>Product</b>	<b>Rate/A</b>	<b>Timing DAP</b>	<b>Plots</b>
<b>1</b>	Tilt 3.6 EC + Bravo 720	2 oz. 1.5 pt.	As needed	1-4-7
<b>2</b>	Abound 2.08 SC Abound 2.08 SC	6 oz. 12 oz.	IFAP 60 - 90	2-10-14
<b>3</b>	Abound 2.08 SC Abound 2.08 SC	6 oz. 18 oz.	IFAP 60 - 90	3-8-12
<b>4</b>	Abound 2.08 SC + Ridomil Gold 4 EC Abound 2.08 SC	6 oz. 1 oz. 12 oz.	IFAP 60 - 90	4-12-15
<b>5</b>	Abound 2.08 SC +Ridomil Gold 4 EC Abound 2.08 SC	6 oz. 1 oz. 18 oz.	IFAP 60 - 90	5-13-1
<b>6</b>	Abound 2.08 SC	12 oz.	60 - 90	6-11-8
<b>7</b>	Abound 2.08 SC	18 oz.	60 - 90	7-3-11
<b>8</b>	Abound 2.08 SC Abound 2.08 SC Folicur 3.6 F	6 oz. 12 oz. 7.2 oz.	IFAP 60 - 100 80	8-5-2
<b>9</b>	Abound 2.08 SC +Ridomil Gold 4 EC Abound 2.08 SC Folicur 3.6 F	6 oz. 1 oz. 12 oz. 7.2 oz.	IFAP 60 - 100 80	9-1-13
<b>10</b>	Abound 2.08 SC Folicur 3.6 F	12 oz. 7.2 oz.	60 - 100 80	10-14-5
<b>11</b>	Folicur 3.6 F	7.2 oz.	60 - 75 - 90	11-15-3
<b>12</b>	Omega 500 F Bravo 720	1.5 pt. 1.5 pt.	60 - 90 As needed	12-7-4
<b>13</b>	Headline	12.0 oz.	60 - 90	13-9-6
<b>14</b>	Headline	12 oz.	75 - 100	14-2-9
<b>15</b>	AMS21619A Chlorothalon 720	4.99 oz. 23.95 oz.	75 - 90 - 105 45 - 60 - 125	15-6-10
<b>16</b>	AMS21619A Chlorothalon 720	5.7 oz. 23.95 oz.	75 - 90 - 105 45 - 60 - 25	16-23-25
<b>17</b>	Folicur 3.6 F Chlorothalon 720	7.19 oz. 23.95 oz.	75 - 90 - 105 45 - 60 - 75	17-21-26
<b>18</b>	BAS 500 Folicur 3.6 F Chlorothalon 720	11.99 oz. 7.19 oz. 23.95 oz.	60-90 75 45-105	18-22-16
<b>19</b>	Check			19-24-27
<b>20</b>	USF 2010	3.5 fl. oz.	Full season	20-16-24
<b>21</b>	USF 2010 Folicur 3.6 F Chlorothalon 720	3.5 oz. 7.19 oz. 23.95	45-60 75-90-105-120 135	21-26-17
<b>22</b>	AMS21619A Chlorothalon 720	5.7 oz. 23.95	IFAP Full season	22-18-19
<b>23</b>	AMS21619A AMS 21619A Chlorothalon 720	5.7 oz. 5.7 oz. 23.95 oz.	IFAP 75-90-105 45-60-120	23-19-21
<b>24</b>	Artisan 3.6 SE	32 oz.	60-90	24-20-18
<b>25</b>	Artisan 3.6 SE	26 oz.	60-90	25-17-20
<b>26</b>	NAI -301	45 oz.	60-75-90	26-27-22
<b>27</b>	NAI-302	38 oz.	60-75-90	27-25-23
<b>28</b>	Inoculent			Last 2 rows

**2 Row Plots – 100' long – 3 Reps**

Planted – INFP 5/8/02  
 Harvested 11/07/02  
 Variety – NC-7

## 2002 Soilborne disease Terry County

Treatment	Disease Ratings		
	Rep 1	Rep 2	Rep 3
1	5	5	1
2	4	0	0
3	2	0	0
4	3	3	0
5	1	1	1
6	2	3	2
7	0	3	1
8	0	1	7
9	0	3	0
10	2	1	1
11	0	0	8
12	12	2	4
13	6	1	1
14	3	11	0
15	2	2	6
16	0	0	8
17	1	1	5
18	0	4	0
19	1	0	3
20	1	0	12
21	0	0	4
22	1	0	4
23	2	2	15
24	0	0	2
25	0	1	7
26	2	1	16
27	1	0	6
28	1	2	0

**Diseased Plants/200 row ft.**

**All Rhizoctonia**

**All counts represent Rhizoctonia disease hits per 200 row feet at digging.**



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Treat ment	Yield/A				ELK				SMK + SS				% 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.	Rep 1	Rep 2	Rep 3	Avg.		
1	4664	5423	5315	5134	38	40	43	40	35	34	27	32	1	2	1	1	372.49	956
2	4556	6020	6237	5604	35	48	39	41	39	23	32	31	1	1	1	1	372.84	1045
3	4772	6020	6182	5658	40	40	40	40	25	33	28	29	1	2	2	2	357.55	1012
4	4772	6020	6020	5604	37	44	42	41	36	28	32	32	1	2	2	2	377.82	1059
5	4772	5966	4664	5134	43	37	40	40	31	37	32	33	1	2	2	2	377.47	969
6	4772	5857	6399	5676	36	48	39	41	35	25	33	31	1	1	1	1	372.84	1058
7	4989	5749	6182	5640	43	39	35	39	31	35	38	35	1	1	1	1	382.10	1078
8	5152	5532	5640	5441	43	45	48	45	30	26	25	27	1	2	1	1	374.24	1018
9	5152	5966	6508	5875	35	37	39	37	42	34	33	36	1	1	1	1	376.42	1106
10	5315	5694	5749	5586	49	38	42	43	26	30	32	29	1	1	2	1	373.54	1043
11	5152	5966	5206	5441	44	46	37	42	29	27	36	31	1	2	1	1	378.17	1029
12	4718	4989	5206	4971	44	35	44	41	30	37	28	32	1	1	1	1	377.82	939
13	5152	6128	5640	5640	41	43	44	43	33	30	28	30	1	1	2	1	378.52	1067
14	5044	5423	6291	5586	39	42	44	42	32	31	28	30	2	1	1	1	373.19	1042
15	5044	5857	5966	5622	42	37	49	43	32	35	24	30	1	1	2	1	378.52	1064
16	5206	5966	5532	5568	43	40	44	42	28	32	26	29	1	1	2	1	368.21	1025
17	5477	6182	5640	5767	43	48	42	44	31	25	29	28	1	1	2	1	373.89	1078
18	4989	5640	6345	5658	47	39	40	42	27	33	33	31	1	1	1	1	378.17	1070
19	4718	6074	5206	5333	46	45	44	45	26	28	26	27	1	1	1	1	374.24	998
20	5152	6128	5206	5496	46	42	38	42	28	30	35	31	1	2	1	1	378.16	1039
21	4881	5857	5966	5568	50	44	40	45	24	28	33	28	1	1	2	1	379.21	1056
22	4772	6020	5749	5514	45	38	41	41	30	36	31	32	1	1	2	1	377.82	1042
23	5423	6345	5640	5803	48	44	41	44	23	28	32	28	2	2	1	2	373.89	1085
24	4718	6399	5369	5496	45	45	47	46	29	29	22	27	1	2	4	2	379.57	1043
25	4718	5694	6237	5550	48	45	45	46	25	28	29	27	1	1	1	1	379.57	1053
26	4772	5857	5532	5387	44	42	43	43	29	29	30	29	1	1	1	1	373.54	1006

27	4827	5532	5640	5333	48	45	41	45	26	30	33	30	1	1	1	1	389.18	1038
28	2983	3471	3688	3380	40	41	41	41	34	33	32	33	1	2	1	1	382.80	647

**Weather Data**  
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Spray Date	7/10	7/24	8/13	8/27	9/17
Soil Temp	72	74	82	90	69
Air Temp	91	84.6	83	102	99
Humidity	38.5%	47.2%	41%	12%	20%
Wind Speed	2-3 mph	7 mph	5-8 mph	5-8 mph	6-10 mph
Wind Direction	SW	SW	N	SW	SW
Time of Application	9:30 A.M.	9:00 A.M.	11:45 A.M.	3:00 P.M.	1:00 P.M.
Dew Present	No	No	No	No	No
% Cloud Cover	0%	0%	0%	10%	0%

