

Plot specifications:

Field: H102S

Row Spacing: 15 inch

Plot size: 6 row x 20 ft

Treatments

- | | | | |
|---|------------|--------------------|------------------------|
| 1 | Control | | |
| 2 | Topsin-M | | |
| 3 | Summerdale | 0.40% R1 + 14 days | |
| 4 | Summerdale | 0.80% R1 + 14 days | |
| 5 | Headsup | Seed | |
| 6 | Headsup | Seed + foliar | 30 days after planting |

Variety Dwight

Replications 5

Data Collection**Timing**

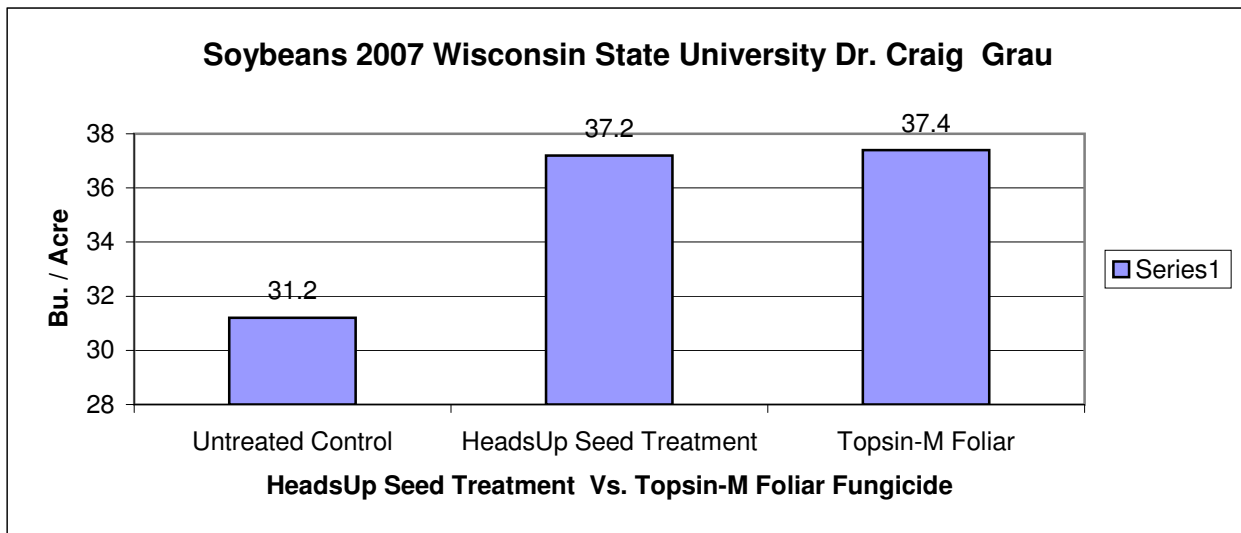
SSR symptom severity	Sclerotia per 400 cc of seed
Seed harvest	R8
Yield	R8
Symptom severity for other pests	none recorded
Spray for aphids/ BLB	not needed
Spray for rust	not needed

SSR Chemical Control
Study: 0713
Location: WM ARS H102 S (north end)

Treatments	Rate	Timing	Yield bu/a	Std dev	Sclerotia per sample*	Std dev
1 Control			31.2	5.0	25	17.8
2 Topsin-M			37.4	11.9	19	14.1
3 Summerdale	0.40%	R1 + 14 days	39.1	9.9	21	15.1
4 Summerdale	0.80%	R1 + 14 days	37.1	8.6	20	17.2
5 Headsup Seed			37.2	6.0	23	7.0
6 Headsup Seed + foliar		30 days after planting	38.0	3.3	25	18.4
Mean			36.7	7.5	22	15
Probability %			28.8		>50	
LSD %			NS		NS	
CV %			15		46	

*sample size was approximately 1 lb taken at harvest on the combine

Untreated Control	31.2
HeadsUp Seed Treatment	37.2
Topsin-M Foliar	37.4



SSR Chemical Control

Study: 0713

Location: WM ARS H102 S (north end)

Plot 504 6	Plot 505 2	Plot 506 4
Plot 501 1	Plot 502 3	Plot 503 5
Plot 404 6	Plot 405 4	Plot 406 2
Plot 401 3	Plot 402 1	Plot 403 5
Plot 304 4	Plot 305 3	Plot 306 1
Plot 301 5	Plot 302 6	Plot 303 2
Plot 204 1	Plot 205 4	Plot 206 5
Plot 201 2	Plot 202 3	Plot 203 6
Plot 104 4	Plot 105 5	Plot 106 6
Plot 101 1	Plot 102 2	Plot 103 3

Plot specifications:

Field: H102S

Row Spacing: 15 inch

Plot size: 6 row x 20 ft

Expt. Size: 18 rows (24 ft) x 200 ft

Treatments

1 Control

2 Topsin-M

3 Summerdale

4 Summerdale

5 Headsup Seed

6 Headsup Seed + foliar

0.40% R1 + 14 days

0.80% R1 + 14 days

30 days after planting

Variety W01 1305

Replications 5

Data Collection

Timing

SSR symptom severity

At harvest

Seed harvest

R8

Yield

R8

Symptom severity for other pests

as needed

Spray for aphids/ BLB

as needed

Spray for rust

as needed

North



		0713	24-Oct				
		Plot	weight	moist	yd	sclerotia/sample	
101	1 Control	101	3.45	12.10	31.63263	1	
102	2 Topsin-M	102	5.89	12.60	53.69751	3	
103	3 Summerdale	0.40%	103	5.61	12.10	51.43741	1
104	4 Summerdale	0.80%	104	5.20	11.60	47.94938	5
105	5 Headsup Seed		105	4.64	12.40	42.3984	31
106	6 Headsup Seed + foliar		106	4.39	11.80	40.38876	2
201	2 Topsin-M		201	2.68	11.50	24.74033	22
202	3 Summerdale	0.40%	202	4.07	12.60	37.10507	26
203	6 Headsup Seed + foliar		203	3.97	12.00	36.44186	30
204	1 Control		204	3.93	11.50	36.27966	31
205	4 Summerdale	0.80%	205	3.64	11.50	33.60253	46
206	5 Headsup Seed		206	3.97	12.00	36.44186	28
301	5 Headsup Seed		301	3.50	12.10	32.09108	25
302	6 Headsup Seed + foliar		302	3.55	12.40	32.43843	50
303	2 Topsin-M		303	3.89	12.60	35.46406	40
304	4 Summerdale	0.80%	304	2.85	11.50	26.30968	22
305	3 Summerdale	0.40%	305	2.98	11.20	27.60302	30
306	1 Control		306	3.02	12.30	27.62701	50
401	3 Summerdale	0.40%	401	3.25	11.50	30.00226	38
402	1 Control		402	2.75	11.30	25.4439	25
403	5 Headsup Seed		403	2.99	12.30	27.35257	14
404	6 Headsup Seed + foliar		404	3.65	11.70	33.6187	30
405	4 Summerdale	0.80%	405	3.33	11.30	30.81025	24
406	2 Topsin-M		406	3.54	12.10	32.45783	22
501	1 Control		501	2.75	12.20	25.18573	19
502	3 Summerdale	0.40%	502	4.05	11.80	37.2607	10
503	5 Headsup Seed		503	3.92	11.70	36.10557	18
504	6 Headsup Seed + foliar		504	3.83	11.90	35.19671	13
505	2 Topsin-M		505	3.13	11.80	28.79654	10
506	4 Summerdale	0.80%	506	3.85	12.20	35.26003	4