

## General Soybean Fungicide Screen - Brookport - 2.

Project Code: 06-BP-FungScrn2 Location: Brookport, IL  
Investigator: Bryan Young

**Investigator:** Bryan Young, Associate Professor, Southern Illinois University

**City State Zip Country:** Brookport IL 62910 USA  
**Trial Status:** Final **Updated:** 11-22-06

**Objective:**

Evaluate various fungicide treatments for control of late-season soybean diseases and yield enhancement.

**Crop 1:** GLXMA soybean **Variety:** FS4646 RR  
**Planting Method:** Seeded **Planting Date:** 6-16-06  
**Rate:** 60 lb/A **Depth:** 1.0 IN  
**Row Spacing:** 30 IN

**Plot Width, Unit:** 10 FT **Plot Length, Unit:** 30 FT **Reps:** 4  
**Tillage Type:** Reduced-Till **Study Design:** Randomized complete block  
**Previous Crop, Year:** ZEAMX, 2005

**APPLICATION DESCRIPTION**

	<b>A</b>	<b>B</b>	<b>C</b>
<b>Application Date:</b>	8-15-06	9-13-06	9-6-06
<b>Time of Day:</b>	11:30	10:00	11:00
<b>Application Method:</b>	Spray	Spray	Spray
<b>Application Timing:</b>	R3	28DA-R3	R5
<b>Applic. Placement:</b>	BROFOL	BROFOL	BROFOL
<b>Air Temp., Unit:</b>	86 F	76 F	77 F
<b>% Relative Humidity:</b>	43	53	31
<b>Wind Velocity, Unit:</b>	6 MPH	3-4 MPH	1-3 MPH
<b>Dew Presence (Y/N):</b>	N	N	N
<b>Soil Moisture:</b>	NORMAL	ABONOR	NORMAL
<b>% Cloud Cover:</b>	5	90	3

**CROP STAGE AT EACH APPLICATION**

	<b>A</b>	<b>B</b>	<b>C</b>
<b>Crop 1 Code, Stage:</b>	GLXMA R3	GLXMA R5.4	GLXMA R5
<b>Height, Unit:</b>	26-32 IN	26-31 IN	27-31 IN

**APPLICATION EQUIPMENT**

	<b>A</b>	<b>B</b>	<b>C</b>
<b>Appl. Equipment:</b>	CO2 sprayer	CO2 sprayer	CO2 sprayer
<b>Operating Pressure:</b>	40-50 PSI	40-50 PSI	40-50 PSI
<b>Nozzle Type:</b>	Flat fan	Flat fan	Flat fan
<b>Nozzle Size:</b>	8002	8002	8002
<b>Boom Length, Unit:</b>	7.5 FT	7.5 FT	7.5 FT
<b>Spray Volume, Unit:</b>	20 GPA	20 GPA	20 GPA

**NOTES:**

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Weed Code  
 Crop Code  
 Rating Data Type  
 Rating Unit  
 Rating Date  
 Trt-Eval Interval

GLXMA GLXMA GLXMA GLXMA  
 Moisture Test wt. Yield DEFOLI  
 Percent lb/bu bu/A Percent  
 11-4-06 11-4-06 11-4-06 10-9-06

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	GLXMA Moisture Percent	GLXMA Test wt. lb/bu	GLXMA Yield bu/A	GLXMA DEFOLI Percent
1	NONTREATED									12.2	52.5	43	96
2	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	R3	A	12.1	52.6	45	94
2	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	R3	A				
2	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	R3	A				
3	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	R3	A	11.9	52.8	43	93
3	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	R3	A				
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	R3	A				
3	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	28DA-R3	B				
3	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	28DA-R3	B				
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	28DA-R3	B				
4	QUILT	1.67	F	0.183	lb ai/a	14	fl oz/a	R3	A	12.1	52.8	47	88
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	R3	A				
4	QUILT	1.67	F	0.183	lb ai/a	14	fl oz/a	28DA-R3	B				
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	28DA-R3	B				
5	QUADRIS	2.08	F	0.0975	lb ai/a	6	fl oz/a	R3	A	12.1	52.6	47	92
5	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	R3	A				
6	HEADLINE	2.09	EC	0.098	lb ai/a	6	fl oz/a	R3	A	12.0	52.9	46	89
6	ACTIVATOR 90	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
7	HEADLINE SBR (CO-PACK)					7.8	fl oz/a	R3	A	11.8	52.7	48	87
7	->TEBUCONAZOLE	3.6	F	0.087	lb ai/a			R3	A				
7	->HEADLINE	2.09	EC	0.077	lb ai/a			R3	A				
8	DOMARK	1.9	ME	0.0594	lb ai/a	4	fl oz/a	R3	A	11.9	52.6	45	92
9	DOMARK	1.9	ME	0.0445	lb ai/a	3	fl oz/a	R3	A	12.1	52.8	45	95
9	QUADRIS	2.08	F	0.0487	lb ai/a	3	fl oz/a	R3	A				
10	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R3	A	12.2	52.7	42	95
11	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R3	A	12.2	52.8	44	93
12	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R3	A	12.1	52.3	50	91
12	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
13	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R3	A	12.2	52.7	47	95
13	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R5	C				
14	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R3	A	12.0	52.6	47	91
14	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R5	C				
15	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R3	A	11.9	52.3	47	89
15	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
15	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R5	C				
15	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R5	C				
LSD (P=.05)										0.35	0.48	8.7	4.6
Replicate F										0.101	0.273	0.877	0.637
Replicate Prob(F)										0.9590	0.8447	0.4605	0.5954
Treatment F										1.024	1.115	0.492	3.114
Treatment Prob(F)										0.4497	0.3737	0.9243	0.0022

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Weed Code  
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GLXMA GLXMA GLXMA GLXMA  
 FROEYE FROEYE FROEYE FROEYE  
 Sever0-9 Sever0-9 Sever0-9 Sever0-9  
 8-22-06 8-29-06 9-12-06 9-20-06  
 7 DA-A 14 DA-A 28 DA-A 7 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code					
1	NONTREATED										0.4	1.0	1.8	1.8
2	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	R3	A		0.1	0.1	0.1	
2	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	R3	A					
2	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	R3	A					
3	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	R3	A		0.2	0.1	0.1	0.7
3	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	R3	A					
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	R3	A					
3	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	28DA-R3	B					
3	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	28DA-R3	B					
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	28DA-R3	B					
4	QUILT	1.67	F	0.183	lb ai/a	14	fl oz/a	R3	A		0.1	0.1	0.2	0.3
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	R3	A					
4	QUILT	1.67	F	0.183	lb ai/a	14	fl oz/a	28DA-R3	B					
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	28DA-R3	B					
5	QUADRIS	2.08	F	0.0975	lb ai/a	6	fl oz/a	R3	A		0.3	0.1	0.2	
5	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	R3	A					
6	HEADLINE	2.09	EC	0.098	lb ai/a	6	fl oz/a	R3	A		0.2	0.1	0.0	
6	ACTIVATOR 90	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A					
7	HEADLINE SBR (CO-PACK)					7.8	fl oz/a	R3	A		0.1	0.1	0.0	
7	->TEBUCONAZOLE	3.6	F	0.087	lb ai/a			R3	A					
7	->HEADLINE	2.09	EC	0.077	lb ai/a			R3	A					
8	DOMARK	1.9	ME	0.0594	lb ai/a	4	fl oz/a	R3	A		0.3	0.3	0.3	
9	DOMARK	1.9	ME	0.0445	lb ai/a	3	fl oz/a	R3	A		0.1	0.2	0.3	
9	QUADRIS	2.08	F	0.0487	lb ai/a	3	fl oz/a	R3	A					
10	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R3	A		0.2	0.2	0.6	
11	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R3	A		0.2	0.1	0.1	
12	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R3	A		0.1	0.0	0.1	
12	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A					
13	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R3	A		0.2	0.9	3.2	0.8
13	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R5	C					
14	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R3	A		0.2	0.3	0.2	0.1
14	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R5	C					
15	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R3	A		0.1	0.1	0.1	0.1
15	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A					
15	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R5	C					
15	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R5	C					
LSD (P=.05)										0.27	0.45	1.60	1.06	
Replicate F										0.459	1.384	0.757	0.735	
Replicate Prob(F)										0.7122	0.2610	0.5243	0.5472	
Treatment F										1.038	3.690	2.342	3.316	
Treatment Prob(F)										0.4372	0.0005	0.0169	0.0325	

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GLXMA	GLXMA	GLXMA	GLXMA
BROSPO	BROSPO	BROSPO	BROSPO
Sever0-5	Sever0-5	Sever0-5	Sever0-5
8-22-06	8-29-06	9-12-06	9-20-06
7 DA-A	14 DA-A	28 DA-A	7 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code				
1	NONTREATED									1.00	0.50	3.00	3.00
2	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	R3	A	0.50	0.00	1.75	
2	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	R3	A				
2	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	R3	A				
3	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	R3	A	0.25	0.25	2.00	2.00
3	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	R3	A				
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	R3	A				
3	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	28DA-R3	B				
3	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	28DA-R3	B				
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	28DA-R3	B				
4	QUILT	1.67	F	0.183	lb ai/a	14	fl oz/a	R3	A	0.25	0.00	1.00	1.25
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	R3	A				
4	QUILT	1.67	F	0.183	lb ai/a	14	fl oz/a	28DA-R3	B				
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	28DA-R3	B				
5	QUADRIS	2.08	F	0.0975	lb ai/a	6	fl oz/a	R3	A	0.25	0.00	1.75	
5	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	R3	A				
6	HEADLINE	2.09	EC	0.098	lb ai/a	6	fl oz/a	R3	A	0.25	0.00	0.75	
6	ACTIVATOR 90	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
7	HEADLINE SBR (CO-PACK)					7.8	fl oz/a	R3	A	0.00	0.00	0.75	
7	->TEBUCONAZOLE	3.6	F	0.087	lb ai/a			R3	A				
7	->HEADLINE	2.09	EC	0.077	lb ai/a			R3	A				
8	DOMARK	1.9	ME	0.0594	lb ai/a	4	fl oz/a	R3	A	0.50	0.00	1.50	
9	DOMARK	1.9	ME	0.0445	lb ai/a	3	fl oz/a	R3	A	1.00	0.00	1.75	
9	QUADRIS	2.08	F	0.0487	lb ai/a	3	fl oz/a	R3	A				
10	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R3	A	0.25	0.00	2.00	
11	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R3	A	0.50	0.00	2.25	
12	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R3	A	0.25	0.00	1.25	
12	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
13	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R3	A	0.25	0.00	2.50	2.50
13	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R5	C				
14	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R3	A	0.00	0.00	1.50	1.25
14	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R5	C				
15	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R3	A	0.25	0.00	0.75	1.00
15	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
15	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R5	C				
15	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R5	C				
LSD (P=.05)										0.785	0.416	1.121	0.966
Replicate F										2.579	0.720	0.613	1.892
Replicate Prob(F)										0.0663	0.5459	0.6101	0.1743
Treatment F										1.168	0.925	2.892	6.243
Treatment Prob(F)										0.3333	0.5406	0.0039	0.0025

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GLXMA GLXMA GLXMA GLXMA  
 DOWMIL DOWMIL DOWMIL DOWMIL  
 Sever0-5 Sever0-5 Sever0-5 Sever0-5  
 8-22-06 8-29-06 9-12-06 9-20-06  
 7 DA-A 14 DA-A 28 DA-A 7 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code				
1	NONTREATED									1.75	1.75	2.00	2.00
2	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	R3	A	1.50	1.00	2.25	
2	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	R3	A				
2	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	R3	A				
3	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	R3	A	1.00	1.25	2.00	0.50
3	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	R3	A				
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	R3	A				
3	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	28DA-R3	B				
3	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	28DA-R3	B				
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	28DA-R3	B				
4	QUILT	1.67	F	0.183	lb ai/a	14	fl oz/a	R3	A	1.50	1.75	2.50	0.50
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	R3	A				
4	QUILT	1.67	F	0.183	lb ai/a	14	fl oz/a	28DA-R3	B				
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	28DA-R3	B				
5	QUADRIS	2.08	F	0.0975	lb ai/a	6	fl oz/a	R3	A	1.75	1.50	2.00	
5	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	R3	A				
6	HEADLINE	2.09	EC	0.098	lb ai/a	6	fl oz/a	R3	A	2.00	1.50	2.75	
6	ACTIVATOR 90	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
7	HEADLINE SBR (CO-PACK)					7.8	fl oz/a	R3	A	1.25	1.50	2.50	
7	->TEBUCONAZOLE	3.6	F	0.087	lb ai/a			R3	A				
7	->HEADLINE	2.09	EC	0.077	lb ai/a			R3	A				
8	DOMARK	1.9	ME	0.0594	lb ai/a	4	fl oz/a	R3	A	1.50	1.75	2.50	
9	DOMARK	1.9	ME	0.0445	lb ai/a	3	fl oz/a	R3	A	1.25	1.75	2.25	
9	QUADRIS	2.08	F	0.0487	lb ai/a	3	fl oz/a	R3	A				
10	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R3	A	2.00	1.75	2.50	
11	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R3	A	1.75	1.50	1.50	
12	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R3	A	2.00	1.25	2.25	
12	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
13	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R3	A	1.75	1.75	2.00	0.50
13	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R5	C				
14	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R3	A	1.25	1.50	2.75	0.50
14	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R5	C				
15	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R3	A	1.75	1.50	2.50	0.50
15	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
15	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R5	C				
15	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R5	C				
LSD (P=.05)										0.891	0.639	1.166	0.794
Replicate F										0.571	6.000	0.893	3.400
Replicate Prob(F)										0.6369	0.0017	0.4528	0.0455
Treatment F										0.992	1.048	0.690	5.400
Treatment Prob(F)										0.4782	0.4289	0.7708	0.0049

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 Rating Date  
 Trt-Eval Interval

GLXMA GLXMA GLXMA GLXMA  
 Injury Injury Injury Injury  
 Percent Percent Percent Percent  
 8-22-06 8-29-06 9-12-06 9-20-06  
 7 DA-A 14 DA-A 28 DA-A 7 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	GLXMA Injury Percent 8-22-06 7 DA-A	GLXMA Injury Percent 8-29-06 14 DA-A	GLXMA Injury Percent 9-12-06 28 DA-A	GLXMA Injury Percent 9-20-06 7 DA-B
1	NONTREATED									0	0	0	0
2	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	R3	A	0	0	0	
2	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	R3	A				
2	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	R3	A				
3	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	R3	A	0	0	0	0
3	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	R3	A				
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	R3	A				
3	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	28DA-R3	B				
3	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	28DA-R3	B				
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	28DA-R3	B				
4	QUILT	1.67	F	0.183	lb ai/a	14	fl oz/a	R3	A	0	0	0	0
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	R3	A				
4	QUILT	1.67	F	0.183	lb ai/a	14	fl oz/a	28DA-R3	B				
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	28DA-R3	B				
5	QUADRIS	2.08	F	0.0975	lb ai/a	6	fl oz/a	R3	A	0	0	0	
5	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	R3	A				
6	HEADLINE	2.09	EC	0.098	lb ai/a	6	fl oz/a	R3	A	0	0	0	
6	ACTIVATOR 90	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
7	HEADLINE SBR (CO-PACK)					7.8	fl oz/a	R3	A	0	0	0	
7	->TEBUCONAZOLE	3.6	F	0.087	lb ai/a			R3	A				
7	->HEADLINE	2.09	EC	0.077	lb ai/a			R3	A				
8	DOMARK	1.9	ME	0.0594	lb ai/a	4	fl oz/a	R3	A	0	0	0	
9	DOMARK	1.9	ME	0.0445	lb ai/a	3	fl oz/a	R3	A	0	0	0	
9	QUADRIS	2.08	F	0.0487	lb ai/a	3	fl oz/a	R3	A				
10	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R3	A	0	0	0	
11	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R3	A	0	0	0	
12	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R3	A	0	0	0	
12	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
13	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R3	A	0	0	0	0
13	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R5	C				
14	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R3	A	0	0	0	0
14	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R5	C				
15	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R3	A	0	0	0	0
15	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
15	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R5	C				
15	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R5	C				
LSD (P=.05)										0.0	0.0	0.0	0.0
Replicate F										0.000	0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000	1.0000

General Soybean Fungicide Screen - Brookport - 2.

Project Code: 06-BP-FungScrn2 Location: Brookport, IL  
Investigator: Bryan Young

Weed Code

Crop Code

Rating Data Type

Rating Unit

Rating Date

Tri-Eval Interval

GLXMA	GLXMA	GLXMA	GLXMA
SDS	SDS	SDS	SDS
Sever0-9	Sever0-9	Sever0-9	Sever0-9
8-22-06	8-29-06	9-12-06	9-20-06
7 DA-A	14 DA-A	28 DA-A	7 DA-B

Tri No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code				
1	NONTREATED									0.0	0.0	0.0	0.0
2	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	R3	A	0.0	0.0	0.0	
2	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	R3	A				
2	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	R3	A				
3	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	R3	A	0.0	0.0	0.0	0.0
3	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	R3	A				
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	R3	A				
3	QUADRIS	2.08	F	0.089	lb ai/a	5.5	fl oz/a	28DA-R3	B				
3	ALTO	0.83	SL	0.026	lb ai/a	4	fl oz/a	28DA-R3	B				
3	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	28DA-R3	B				
4	QUILT	1.67	F	0.183	lb ai/a	14	fl oz/a	R3	A	0.0	0.0	0.0	0.0
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	R3	A				
4	QUILT	1.67	F	0.183	lb ai/a	14	fl oz/a	28DA-R3	B				
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	28DA-R3	B				
5	QUADRIS	2.08	F	0.0975	lb ai/a	6	fl oz/a	R3	A	0.0	0.0	0.0	
5	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	R3	A				
6	HEADLINE	2.09	EC	0.098	lb ai/a	6	fl oz/a	R3	A	0.0	0.0	0.0	
6	ACTIVATOR 90	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
7	HEADLINE SBR (CO-PACK)					7.8	fl oz/a	R3	A	0.0	0.0	0.0	
7	->TEBUCONAZOLE	3.6	F	0.087	lb ai/a			R3	A				
7	->HEADLINE	2.09	EC	0.077	lb ai/a			R3	A				
8	DOMARK	1.9	ME	0.0594	lb ai/a	4	fl oz/a	R3	A	0.0	0.0	0.0	
9	DOMARK	1.9	ME	0.0445	lb ai/a	3	fl oz/a	R3	A	0.0	0.0	0.0	
9	QUADRIS	2.08	F	0.0487	lb ai/a	3	fl oz/a	R3	A				
10	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R3	A	0.0	0.0	0.0	
11	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R3	A	0.0	0.0	0.0	
12	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R3	A	0.0	0.0	0.0	
12	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
13	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R3	A	0.0	0.0	0.0	0.0
13	FOLICUR	3.6	F	0.112	lb ai/a	4	fl oz/a	R5	C				
14	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R3	A	0.0	0.0	0.0	0.0
14	ABSOLUTE	4	L	0.156	lb ai/a	5	fl oz/a	R5	C				
15	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R3	A	0.0	0.0	0.0	0.0
15	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R3	A				
15	STRATEGO	2.08	EC	0.162	lb ai/a	10	fl oz/a	R5	C				
15	INDUCE	100	LIQ	0.125	% v/v	0.125	% v/v	R5	C				
LSD (P=.05)										0.00	0.00	0.00	0.00
Replicate F										0.000	0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000	1.0000

Trial Comments

1. Protocol: Syngenta, Bayer (BLF), Valent, BASF.
2. CI 7 + 14 DAT; DI/DS 7, 14, 28 + 42 DAT.
3. Assess % defoliation when nontreated plot reaches 80% defoliation.
4. Yield.
5. Blanket application and weed-free.  
Blanket POST application of Sequence (3 pt/A) + Firstrate (0.3 oz/A) + AMS (8.5 lb/100 gal) applied to V2-V3 soybean on 7-11-06.
6. FROEYE = Frog eye leafspot. BROSP0 = Septoria brown spot. DOWMIL = downy mildew.  
SDS = Soybean sudden death syndrome. DEFOLI = Defoliation.  
Sever0-5 and Sever0-9 = Severity, rating scales of 0-5 and 0-9, respectively.  
DA-A = Days after the R3 application. DA-B = Days after the 28DA-R3 application.
7. Ratings on 9-12-06 at 28 DA-A were also 6 DA-C (R5) and 1 day prior to B (28DA-R3).  
Ratings on 9-20-06 at 7 DA-B were also 14 DA-C (R5).
8. On 9-26-06 (42 DA-A, 20 DA-C and 13 DA-B) soybean leaves were yellow, thus not able to make final foliar ratings.
9. Harvested 11-4-06, (2) 30 inch rows by 25 ft.