

Wheat Variety by Fungicide Trial.

Project Code: 04-ARC-N8-S200    Location: Agronomy Research Center  
Investigator: Bryan Young

Investigator: Bryan Young, Associate Professor, Southern Illinois University

City State Zip Country:            Carbondale      IL 62901 USA  
Trial Status: Final                  Updated:          8-23-04

## Objective:

Evaluate the response of 25 wheat varieties to fungicide applications.

Weed Code Common Name Scientific Name  
1. NA

Crop 1:                    TRZAW wheat, winter                  Variety:                  See note  
Planting Method: Seeded                  Planting Date: 10-17-03  
Rate:                      1.3 mil. S/A                                  Depth:                      1.5 IN  
Row Spacing:                8.0 IN

Plot Width, Unit: 5            FT                                  Plot Length, Unit: 30            FT                                  Reps: 3  
Tillage Type:                  Reduced-Till                                  Study Design: Split-block  
Previous Crop, Year: ZEAMX, 2003

## Field Prep./Maintenance:

Fall fertilization: N 27 LB/A, P2O5 69 LB/A, K2O 60 LB/A; applied to all plots on 10-9-03.

Soil Name: Weir                                  % OM: 1.6                  pH: 6.5                          CEC: 8.8  
Texture: Silt loam                                  Fert. Level: P1: 83 LB/A, K: 282 LB/A

## APPLICATION DESCRIPTION

	A	B
Application Date:	4-1-04	4-27-04
Time of Day:	9:00	18:00
Application Method:	Spray	Spray
Application Timing:	FK5	FK9
Applic. Placement:	BROFOL	BROFOL
Air Temp., Unit:	50 F	64 F
% Relative Humidity:	70	30
Wind Velocity, Unit:	0-3 MPH	0 MPH
Dew Presence (Y/N):	N	N
% Cloud Cover:	90	0

## CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	TRZAW FK5	TRZAW
Height, Unit:	6-8 IN	See note

## WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code:	NA	NA

## APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	CO2 sprayer	CO2 sprayer
Operating Pressure:	40 PSI	40 PSI
Nozzle Type:	Flat fan	Flat fan
Nozzle Size:	8002	8002
Boom Length, Unit:	5 FT	5 FT
Spray Volume, Unit:	20 GPA	20 GPA

## NOTES:

Wheat varieties are listed in the treatment list. Wheat stage at F9 application listed in table.  
Harvested 6-17-04, (6) 8 inch rows by 25 ft.

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

TRZAW Seeds 000/lb At plant	TRZAW Stage Feekes 4-27-04 0 DA-B	TRZAW HeadScab % Incid 5-21-04 24 DA-B	TRZAW HeadScab % Sever 5-21-04 24 DA-B	TRZAW GlumeBch % Incid 5-21-04 24 DA-B	TRZAW GlumeBch % Sever 5-21-04 24 DA-B	TRZAW TanSpot % Incid 5-21-04 24 DA-B	TRZAW TanSpot % Sever 5-21-04 24 DA-B	TRZAW LeafRust % Incid 5-21-04 24 DA-B	TRZAW LeafRust % Sever 5-21-04 24 DA-B	TRZAW BYD % Incid 5-21-04 24 DA-B	TRZAW BYD % Sever 5-21-04 24 DA-B	TRZAW LODGIN Percent 6-17-04 EOS
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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	TRZAW Seeds	TRZAW Stage	TRZAW HeadScab % Incid	TRZAW HeadScab % Sever	TRZAW GlumeBch % Incid	TRZAW GlumeBch % Sever	TRZAW TanSpot % Incid	TRZAW TanSpot % Sever	TRZAW LeafRust % Incid	TRZAW LeafRust % Sever	TRZAW BYD % Incid	TRZAW BYD % Sever	TRZAW LODGIN Percent
1	NO FUNGICIDE 1 Public Sisson			13.80		10.1		5	7	5	4	29	3	2	2	0	0	1				
2	NO FUNGICIDE 2 Public Roan			18.48		9-10		1	2	7	5	1	1	0	0	0	0	6				
3	NO FUNGICIDE 3 Public McCormick			15.45		9		1	4	10	6	5	2	0	0	0	0	43				
4	NO FUNGICIDE 4 Lewis 838			12.20		10		2	12	45	9	30	7	0	0	0	0	2				
5	NO FUNGICIDE 5 Lewis 855			12.40		9-10		2	4	30	10	23	5	0	0	0	0	2				
6	NO FUNGICIDE 6 Lewis 857			11.80		10.1		2	7	37	8	12	6	0	0	0	0	1				
7	NO FUNGICIDE 7 Lewis 864			10.50		8-9		0	0	40	9	2	2	0	0	0	0	0				
8	NO FUNGICIDE 8 FS Growmark 539			12.00		9-10		4	5	7	3	4	3	30	16	1	1	1				
9	NO FUNGICIDE 9 FS Growmark 621			11.50		10.1		6	21	8	2	33	20	1	2	0	0	9				
10	NO FUNGICIDE 10 FS Growmark 652			15.10		9		3	11	10	4	8	1	0	0	0	0	18				
11	NO FUNGICIDE 11 FS Growmark X634			12.30		9-10		2	4	27	8	20	5	0	0	0	0	0				
12	NO FUNGICIDE 12 FS Growmark X8302			11.50		9		2	2	7	4	7	5	0	0	0	0	0				
13	NO FUNGICIDE 13 FS Growmark X8309			13.00		9		1	1	4	2	5	3	0	0	0	0	0				
14	NO FUNGICIDE 14 Coker 9474			11.35		9-10		3	1	37	8	37	21	0	0	0	0	1				
15	NO FUNGICIDE 15 Coker 9663			12.83		10		4	4	10	4	4	2	0	0	0	0	4				
16	NO FUNGICIDE 16 Gateway Sundance			13.00		9-10		1	3	20	7	9	4	0	0	0	0	0				
17	NO FUNGICIDE 17 Gateway Golden Eye II			13.50		9-10		3	12	30	9	30	5	0	0	0	0	1				

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

TRZAW Seeds 000/lb At plant	TRZAW Stage 4-27-04 0 DA-B	TRZAW HeadScab % Incid 5-21-04 24 DA-B	TRZAW HeadScab % Sever 5-21-04 24 DA-B	TRZAW GlumeBch % Incid 5-21-04 24 DA-B	TRZAW GlumeBch % Sever 5-21-04 24 DA-B	TRZAW TanSpot % Incid 5-21-04 24 DA-B	TRZAW TanSpot % Sever 5-21-04 24 DA-B	TRZAW LeafRust % Incid 5-21-04 24 DA-B	TRZAW LeafRust % Sever 5-21-04 24 DA-B	TRZAW BYD % Incid 5-21-04 24 DA-B	TRZAW BYD % Sever 5-21-04 24 DA-B	TRZAW LODGIN Percent 6-17-04 EOS
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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	TRZAW Seeds	TRZAW Stage	TRZAW HeadScab % Incid	TRZAW HeadScab % Sever	TRZAW GlumeBch % Incid	TRZAW GlumeBch % Sever	TRZAW TanSpot % Incid	TRZAW TanSpot % Sever	TRZAW LeafRust % Incid	TRZAW LeafRust % Sever	TRZAW BYD % Incid	TRZAW BYD % Sever	TRZAW LODGIN Percent
18	NO FUNGICIDE 18 AgriPro Benton									11.70	9	2	4	7	3	37	11	0	0	0	0	0
19	NO FUNGICIDE 19 AgriPro Gibson									13.43	9-10	3	6	17	6	21	3	2	2	0	0	1
20	NO FUNGICIDE 20 AgriPro Patton									14.32	9-10	2	2	7	4	13	2	1	2	0	0	0
21	NO FUNGICIDE 21 Bergmann-Taylor BT720									13.20	10.1	2	7	43	10	30	6	0	0	0	0	4
22	NO FUNGICIDE 22 Bergmann-Taylor BT724									14.25	10.1	4	6	30	9	37	6	0	0	0	0	1
23	NO FUNGICIDE 23 Pioneer 25R37									10.50	9	2	3	30	8	12	7	0	0	2	0	1
24	NO FUNGICIDE 24 Pioneer 25R47									11.50	9	2	3	4	3	17	5	0	0	0	0	0
25	NO FUNGICIDE 25 Pioneer 25R78									12.00	9-10	2	7	20	6	20	4	0	0	0	0	0
26	NO FUNGICIDE 26 Fill									.												
27	NO FUNGICIDE 27 Fill									.												
28	NO FUNGICIDE 28 Fill									.												
29	HEADLINE 29 ACTIVATOR 90 29 Public Sisson	2.09 100	EC LIQ	0.049 0.125	LB A/A % V/V	3.0 0.125	FL OZ/A % V/V	FK5 FK5	A A	13.80	10.1	7	18	15	3	10	4	0	0	0	0	0
30	HEADLINE 30 ACTIVATOR 90 30 Public Roan	2.09 100	EC LIQ	0.049 0.125	LB A/A % V/V	3.0 0.125	FL OZ/A % V/V	FK5 FK5	A A	18.48	9-10	2	3	10	4	3	1	0	0	0	0	7
31	HEADLINE 31 ACTIVATOR 90 31 Public McCormick	2.09 100	EC LIQ	0.049 0.125	LB A/A % V/V	3.0 0.125	FL OZ/A % V/V	FK5 FK5	A A	15.45	9	1	7	13	4	4	2	0	0	0	0	11
32	HEADLINE 32 ACTIVATOR 90 32 Lewis 838	2.09 100	EC LIQ	0.049 0.125	LB A/A % V/V	3.0 0.125	FL OZ/A % V/V	FK5 FK5	A A	12.20	10	7	11	70	12	57	8	0	0	0	0	1
33	HEADLINE 33 ACTIVATOR 90 33 Lewis 855	2.09 100	EC LIQ	0.049 0.125	LB A/A % V/V	3.0 0.125	FL OZ/A % V/V	FK5 FK5	A A	12.40	9-10	3	11	57	8	50	6	0	0	0	0	1

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Crop Code	Seeds	Stage	HeadScab	HeadScab	GlumeBch	GlumeBch	TanSpot	TanSpot	LeafRust	LeafRust	BYD	BYD	LODGIN							
Rating Data Type	000/lb	Feekes	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	Percent							
Rating Unit	10-17-03	4-27-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	6-17-04							
Rating Date	At plant	0 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	EOS							
Trt-Eval Interval																				

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	11.80	10.1	4	9	32	5	57	8	0	0	0	0	1
34	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	11.80	10.1	4	9	32	5	57	8	0	0	0	0	1
34	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
34	Lewis 857																					
35	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	10.50	8-9	2	8	57	7	4	1	0	0	0	0	0
35	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
35	Lewis 864																					
36	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.00	9-10	5	12	9	4	43	9	5	4	2	1	0
36	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
36	FS Growmark 539																					
37	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	11.50	10.1	9	13	17	4	27	8	0	0	0	0	14
37	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
37	FS Growmark 621																					
38	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	15.10	9	4	10	5	3	17	4	0	0	0	0	8
38	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
38	FS Growmark 652																					
39	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.30	9-10	3	12	63	9	57	5	0	0	0	0	1
39	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
39	FS Growmark X634																					
40	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	11.50	9	2	7	33	6	17	3	0	0	0	0	0
40	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
40	FS Growmark X8302																					
41	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	13.00	9	2	1	24	2	4	1	0	0	0	0	0
41	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
41	FS Growmark X8309																					
42	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	11.35	9-10	1	3	20	4	12	3	0	0	0	0	0
42	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
42	Coker 9474																					
43	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.83	10	6	17	17	3	2	1	0	0	0	0	1
43	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
43	Coker 9663																					
44	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	13.00	9-10	2	8	47	8	25	5	0	0	0	0	0
44	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
44	Gateway Sundance																					
45	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	13.50	9-10	3	13	57	7	37	7	0	0	0	0	0
45	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
45	Gateway Golden Eye II																					
46	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	11.70	9	3	5	22	4	40	4	0	0	0	0	0
46	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
46	AgriPro Benton																					

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Weed Code																						
Crop Code																						
Rating Data Type		TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW		
Rating Unit		Seeds	Stage	HeadScab	HeadScab	GlumeBch	GlumeBch	TanSpot	TanSpot	LeafRust	LeafRust	BYD	BYD	LODGIN								
Rating Date		000/lb	Feekes	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	Percent								
Trt-Eval Interval		10-17-03	4-27-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	6-17-04								
Trt Treatment		At plant	0 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	EOS		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code													
47	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	13.43	9-10	2	9	37	7	13	3	0	0	0	0	2
47	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
47	AgriPro Gibson																					
48	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	14.32	9-10	2	4	17	4	6	4	3	3	0	0	0
48	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
48	AgriPro Patton																					
49	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	13.20	10.1	3	15	50	7	47	6	0	0	0	0	0
49	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
49	Bergmann-Taylor BT720																					
50	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	14.25	10.1	4	15	60	9	23	7	0	0	0	0	8
50	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
50	Bergmann-Taylor BT724																					
51	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	10.50	9	2	1	25	5	17	2	0	0	0	0	0
51	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
51	Pioneer 25R37																					
52	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	11.50	9	2	5	22	3	1	1	0	0	0	0	0
52	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
52	Pioneer 25R47																					
53	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.00	9-10	2	9	25	5	20	4	0	0	0	0	0
53	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
53	Pioneer 25R78																					
54	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	.	.	.	.	.	.	.	.	.	.	.	.	.
54	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
54	Fill																					
55	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	.	.	.	.	.	.	.	.	.	.	.	.	.
55	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
55	Fill																					
56	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	.	.	.	.	.	.	.	.	.	.	.	.	.
56	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A													
56	Fill																					
57	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.80	10.1	6	10	4	2	0	0	0	0	0	0	0
57	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
57	Public Sisson																					
58	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	18.48	9-10	2	5	4	2	0	0	0	0	0	0	7
58	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
58	Public Roan																					
59	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	15.45	9	2	5	4	2	0	0	0	0	0	0	17
59	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
59	Public McCormick																					

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Crop Code	Seeds	Stage	HeadScab	HeadScab	GlumeBch	GlumeBch	TanSpot	TanSpot	LeafRust	LeafRust	BYD	BYD	LODGIN										
Rating Data Type	000/lb	Feekes	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	Percent										
Rating Unit	10-17-03	4-27-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	6-17-04										
Rating Date	At plant	0 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	EOS									
Trt-Eval Interval																							

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	12.20	10	3	18	7	3	0	0	0	0	0	0	4
60	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	12.20	10	3	18	7	3	0	0	0	0	0	0	4
60	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
60	Lewis 838																					
61	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	12.40	9-10	2	5	2	2	0	0	0	0	0	0	2
61	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
61	Lewis 855																					
62	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	11.80	10.1	2	6	6	2	0	0	0	0	0	0	2
62	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
62	Lewis 857																					
63	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	10.50	8-9	1	3	47	8	0	0	0	0	0	0	0
63	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
63	Lewis 864																					
64	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	12.00	9-10	5	7	3	1	0	0	0	0	1	0	5
64	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
64	FS Growmark 539																					
65	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	11.50	10.1	8	18	2	2	0	0	0	0	0	0	29
65	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
65	FS Growmark 621																					
66	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	15.10	9	3	10	4	1	0	0	0	0	0	0	0
66	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
66	FS Growmark 652																					
67	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	12.30	9-10	3	10	15	5	0	0	0	0	0	0	1
67	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
67	FS Growmark X634																					
68	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	11.50	9	2	4	13	4	0	0	0	0	0	0	0
68	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
68	FS Growmark X8302																					
69	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.00	9	1	1	12	2	0	0	0	0	0	0	0
69	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
69	FS Growmark X8309																					
70	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	11.35	9-10	1	2	23	4	0	0	0	0	0	0	0
70	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
70	Coker 9474																					
71	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	12.83	10	5	12	11	3	0	0	0	0	0	0	3
71	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
71	Coker 9663																					
72	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.00	9-10	2	5	22	3	0	0	0	0	0	0	1
72	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
72	Gateway Sundance																					

Southern Illinois University

Wheat Variety by Fungicide Trial.

Project Code: 04-ARC-N8-S200 Location: Agronomy Research Center  
Investigator: Bryan Young

Weed Code	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW
Crop Code	Seeds	Stage	HeadScab	HeadScab	GlumeBch	GlumeBch	TanSpot	TanSpot	LeafRust	LeafRust	BYD	BYD	LODGIN							
Rating Data Type	000/lb	Feekes	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	Percent							
Rating Unit	10-17-03	4-27-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	6-17-04							
Rating Date	At plant	0 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	EOS						
Trt-Eval Interval																				

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	13.50	9-10	3	9	15	2	0	0	0	0	0	0	1
73	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.50	9-10	3	9	15	2	0	0	0	0	0	0	1
73	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
73	Gateway Golden Eye II																					
74	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	11.70	9	1	4	4	1	0	0	0	0	0	0	1
74	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
74	AgriPro Benton																					
75	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.43	9-10	2	6	18	4	0	0	0	0	0	0	2
75	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
75	AgriPro Gibson																					
76	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	14.32	9-10	2	3	22	2	0	0	0	0	0	0	0
76	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
76	AgriPro Patton																					
77	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.20	10.1	4	15	19	3	0	0	0	0	0	0	2
77	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
77	Bergmann-Taylor BT720																					
78	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	14.25	10.1	4	10	8	3	0	0	0	0	0	0	0
78	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
78	Bergmann-Taylor BT724																					
79	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	10.50	9	4	3	27	6	0	0	0	0	0	0	0
79	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
79	Pioneer 25R37																					
80	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	11.50	9	3	5	5	2	0	0	0	0	0	0	0
80	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
80	Pioneer 25R47																					
81	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	12.00	9-10	4	6	5	2	0	0	0	0	0	0	0
81	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
81	Pioneer 25R78																					
82	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	.	.	.	.	.	.	.	.	.	.	.	.	.
82	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
82	Fill																					
83	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	.	.	.	.	.	.	.	.	.	.	.	.	.
83	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
83	Fill																					
84	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	.	.	.	.	.	.	.	.	.	.	.	.	.
84	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
84	Fill																					
85	TILT	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.80	10.1	4	7	3	2	0	0	0	0	0	0	2
85	Public Sisson																					

Southern Illinois University

Wheat Variety by Fungicide Trial.

Project Code: 04-ARC-N8-S200 Location: Agronomy Research Center  
 Investigator: Bryan Young

Weed Code	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW
Crop Code	Seeds	Stage	HeadScab	HeadScab	GlumeBch	GlumeBch	TanSpot	TanSpot	LeafRust	LeafRust	BYD	BYD	LODGIN							
Rating Data Type	000/lb	Feekes	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	Percent							
Rating Unit	10-17-03	4-27-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	6-17-04							
Rating Date	At plant	0 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	EOS						
Trt-Eval Interval																				

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	18.48	9-10	1	2	3	2	0	0	0	0	0	0	0	0
86	TILT Public Roan	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	18.48	9-10	1	2	3	2	0	0	0	0	0	0	0	0
87	TILT Public McCormick	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	15.45	9	2	4	11	3	0	0	0	0	0	0	0	60
88	TILT Lewis 838	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.20	10	3	9	17	6	0	0	0	0	0	0	0	3
89	TILT Lewis 855	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.40	9-10	3	7	22	5	0	0	0	0	0	0	0	6
90	TILT Lewis 857	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	11.80	10.1	2	7	22	4	0	0	0	0	0	0	0	1
91	TILT Lewis 864	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	10.50	8-9	1	4	53	6	0	0	0	0	0	0	0	0
92	TILT FS Growmark 539	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.00	9-10	3	6	7	1	0	0	0	0	0	0	0	3
93	TILT FS Growmark 621	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	11.50	10.1	6	20	15	3	1	1	0	0	0	0	0	6
94	TILT FS Growmark 652	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	15.10	9	4	13	12	4	1	1	0	0	0	0	0	3
95	TILT FS Growmark X634	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.30	9-10	1	4	15	4	0	0	0	0	0	0	0	11
96	TILT FS Growmark X8302	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	11.50	9	1	4	12	4	0	0	0	0	0	0	0	0
97	TILT FS Growmark X8309	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.00	9	1	1	3	1	0	0	0	0	0	0	0	0
98	TILT Coker 9474	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	11.35	9-10	1	2	5	2	0	0	0	0	0	0	0	0
99	TILT Coker 9663	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.83	10	5	6	4	2	0	0	0	0	0	0	0	2
100	TILT Gateway Sundance	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.00	9-10	1	4	23	7	0	0	0	0	0	0	0	0
101	TILT Gateway Golden Eye II	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.50	9-10	3	9	37	7	0	0	0	0	0	0	0	3
102	TILT AgriPro Benton	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	11.70	9	2	5	37	5	10	4	0	0	0	0	0	2



Southern Illinois University

Wheat Variety by Fungicide Trial.

Project Code: 04-ARC-N8-S200 Location: Agronomy Research Center  
 Investigator: Bryan Young

Weed Code	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW
Crop Code	Seeds	Stage	HeadScab	HeadScab	GlumeBch	GlumeBch	TanSpot	TanSpot	LeafRust	LeafRust	BYD	BYD	LODGIN										
Rating Data Type	000/lb	Feekes	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	Percent										
Rating Unit	10-17-03	4-27-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	6-17-04										
Rating Date	At plant	0 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	EOS									
Trt-Eval Interval																							

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	13.43	9-10	1	2	10	4	1	1	0	0	0	0	0	3
103	TILT	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.43	9-10	1	2	10	4	1	1	0	0	0	0	0	3
103	AgriPro Gibson																						
104	TILT	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	14.32	9-10	1	3	37	5	0	0	0	0	0	0	0	1
104	AgriPro Patton																						
105	TILT	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.20	10.1	3	17	27	5	4	2	0	0	0	0	0	2
105	Bergmann-Taylor BT720																						
106	TILT	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	14.25	10.1	2	6	22	5	0	0	0	0	0	0	0	8
106	Bergmann-Taylor BT724																						
107	TILT	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	10.50	9	1	1	35	6	0	0	0	0	0	0	0	0
107	Pioneer 25R37																						
108	TILT	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	11.50	9	3	6	8	2	0	0	0	0	0	0	0	0
108	Pioneer 25R47																						
109	TILT	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.00	9-10	2	4	10	3	0	0	0	0	0	0	0	0
109	Pioneer 25R78																						
110	TILT	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	.													
110	Fill																						
111	TILT	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	.													
111	Fill																						
112	TILT	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	.													
112	Fill																						
113	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.80	10.1	7	10	4	2	0	0	0	0	0	0	0	0
113	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B														
113	Public Sisson																						
114	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	18.48	9-10	2	2	2	2	0	0	0	0	0	0	0	3
114	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B														
114	Public Roan																						
115	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	15.45	9	1	2	11	3	0	0	0	0	0	0	0	1
115	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B														
115	Public McCormick																						
116	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	12.20	10	3	6	8	2	0	0	0	0	0	0	0	2
116	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B														
116	Lewis 838																						
117	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	12.40	9-10	2	4	7	2	0	0	0	0	0	0	0	2
117	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B														
117	Lewis 855																						

Southern Illinois University

Wheat Variety by Fungicide Trial.

Project Code: 04-ARC-N8-S200 Location: Agronomy Research Center  
 Investigator: Bryan Young

Weed Code	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	
Crop Code	Seeds	Stage	HeadScab	HeadScab	GlumeBch	GlumeBch	TanSpot	TanSpot	LeafRust	LeafRust	BYD	BYD	LODGIN									
Rating Data Type	000/lb	Feekes	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	Percent									
Rating Unit	At plant	4-27-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	6-17-04									
Rating Date	0 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	EOS									
Trt-Eval Interval																						

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	11.80	10.1	3	8	8	2	0	0	0	0	0	0	2
118	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	11.80	10.1	3	8	8	2	0	0	0	0	0	0	2
118	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
118	Lewis 857																					
119	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	10.50	8-9	1	3	40	8	0	0	0	0	0	0	1
119	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
119	Lewis 864																					
120	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	12.00	9-10	3	11	1	1	0	0	0	0	0	0	0
120	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
120	FS Growmark 539																					
121	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	11.50	10.1	4	14	2	1	0	0	0	0	0	0	6
121	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
121	FS Growmark 621																					
122	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	15.10	9	4	6	2	2	0	0	0	0	0	0	0
122	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
122	FS Growmark 652																					
123	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	12.30	9-10	3	6	1	1	0	0	0	0	0	0	0
123	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
123	FS Growmark X634																					
124	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	11.50	9	3	5	14	3	0	0	0	0	0	0	0
124	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
124	FS Growmark X8302																					
125	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.00	9	1	2	7	2	0	0	0	0	0	0	0
125	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
125	FS Growmark X8309																					
126	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	11.35	9-10	1	1	4	2	0	0	0	0	0	0	0
126	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
126	Coker 9474																					
127	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	12.83	10	5	14	3	1	0	0	0	0	0	0	6
127	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
127	Coker 9663																					
128	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.00	9-10	3	6	15	4	0	0	0	0	0	0	0
128	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
128	Gateway Sundance																					
129	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.50	9-10	2	17	8	4	0	0	0	0	0	0	2
129	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
129	Gateway Golden Eye II																					
130	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	11.70	9	2	2	4	2	0	0	0	0	0	0	0
130	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B													
130	AgriPro Benton																					

Southern Illinois University

Wheat Variety by Fungicide Trial.

Project Code: 04-ARC-N8-S200 Location: Agronomy Research Center  
 Investigator: Bryan Young

Weed Code	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW	TRZAW
Crop Code	Seeds	Stage	HeadScab	HeadScab	GlumeBch	GlumeBch	TanSpot	TanSpot	LeafRust	LeafRust	BYD	BYD	LODGIN											
Rating Data Type	000/lb	Feekes	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	% Incid	% Sever	Percent											
Rating Unit	10-17-03	4-27-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	5-21-04	6-17-04											
Rating Date	At plant	0 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	24 DA-B	EOS										
Trt-Eval Interval																								

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	13.43	9-10	2	6	5	4	0	0	0	0	0	0	0	0	0							
131	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.43	9-10	2	6	5	4	0	0	0	0	0	0	0	0	0							
131	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B																						
131	AgriPro Gibson																														
132	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	14.32	9-10	1	1	8	2	0	0	0	0	0	0	0	0	0							
132	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B																						
132	AgriPro Patton																														
133	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.20	10.1	2	14	22	3	0	0	0	0	0	1	0	0	1							
133	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B																						
133	Bergmann-Taylor BT720																														
134	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	14.25	10.1	4	12	8	3	0	0	0	0	0	0	0	0	0							
134	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B																						
134	Bergmann-Taylor BT724																														
135	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	10.50	9	4	2	12	5	0	0	0	0	0	0	0	0	0							
135	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B																						
135	Pioneer 25R37																														
136	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	11.50	9	4	5	5	2	0	0	0	0	0	0	0	0	0							
136	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B																						
136	Pioneer 25R47																														
137	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	12.00	9-10	2	12	7	3	0	0	0	0	0	0	0	0	0							
137	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B																						
137	Pioneer 25R78																														
138	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	.																					
138	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B																						
138	Fill																														
139	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	.																					
139	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B																						
139	Fill																														
140	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	.																					
140	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B																						
140	Fill																														
LSD (P=.05)												.	.	2.3	8.2	20.6	3.1	15.5	6.0	1.8	2.1	0.7	0.4	10.0							
Replicate F														5.656	10.118	17.339	13.403	9.484	3.617	1.118	0.154	0.974	1.081	1.386							
Replicate Prob(F)														0.0040	0.0001	0.0001	0.0001	0.0001	0.0283	0.3285	0.8577	0.3790	0.3410	0.2521							
Treatment F														3.616	2.592	4.465	4.818	6.572	2.556	17.382	3.812	0.966	0.944	4.404							
Treatment Prob(F)														0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001							

Southern Illinois University

Wheat Variety by Fungicide Trial.

Project Code: 04-ARC-N8-S200 Location: Agronomy Research Center  
 Investigator: Bryan Young

Weed Code

Crop Code

Rating Data Type

Rating Unit

Rating Date

Trt-Eval Interval

TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW  
 Moisture Test wt. Yield Protein 1000 kwt FN DON Dockage  
 Percent lb/bu bu/A Percent Grams Seconds ppm \$/bu  
 6-17-04 6-17-04 6-17-04 6-24-03 6-24-03 6-24-03 6-24-03 6-24-03

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	Moisture Percent	Test wt. lb/bu	Yield bu/A	Protein Percent	1000 kwt Grams	FN Seconds	DON ppm	Dockage \$/bu
1	NO FUNGICIDE									12.3	52.6	78	10.9	29.9	369	0.74	0.50
1	Public Sisson																
2	NO FUNGICIDE									13.1	54.7	89	.	.	.	.	.
2	Public Roan																
3	NO FUNGICIDE									14.1	56.1	91	.	.	.	.	.
3	Public McCormick																
4	NO FUNGICIDE									13.0	54.5	96	.	.	.	.	.
4	Lewis 838																
5	NO FUNGICIDE									12.3	53.3	95	.	.	.	.	.
5	Lewis 855																
6	NO FUNGICIDE									12.8	54.6	96	.	.	.	.	.
6	Lewis 857																
7	NO FUNGICIDE									13.6	56.4	97	.	.	.	.	.
7	Lewis 864																
8	NO FUNGICIDE									13.6	55.7	94	10.1	32.2	309	1.42	0.30
8	FS Growmark 539																
9	NO FUNGICIDE									12.3	53.8	92	10.2	30.9	321	1.01	0.20
9	FS Growmark 621																
10	NO FUNGICIDE									12.0	53.9	90	.	.	.	.	.
10	FS Growmark 652																
11	NO FUNGICIDE									13.1	54.9	101	.	.	.	.	.
11	FS Growmark X634																
12	NO FUNGICIDE									13.2	54.6	104	.	.	.	.	.
12	FS Growmark X8302																
13	NO FUNGICIDE									12.4	53.4	83	.	.	.	.	.
13	FS Growmark X8309																
14	NO FUNGICIDE									13.8	57.4	85	.	.	.	.	.
14	Coker 9474																
15	NO FUNGICIDE									13.6	55.8	99	10.4	31.4	301	0.79	0.20
15	Coker 9663																
16	NO FUNGICIDE									12.9	54.3	91	.	.	.	.	.
16	Gateway Sundance																
17	NO FUNGICIDE									12.4	53.3	96	.	.	.	.	.
17	Gateway Golden Eye II																

Wheat Variety by Fungicide Trial.

Project Code: 04-ARC-N8-S200 Location: Agronomy Research Center  
 Investigator: Bryan Young

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Rating Data Type

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Rating Date

Trt-Eval Interval

TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW  
 Moisture Test wt. Yield Protein 1000 kwt FN DON Dockage  
 Percent lb/bu bu/A Percent Grams Seconds ppm \$/bu  
 6-17-04 6-17-04 6-17-04 6-24-03 6-24-03 6-24-03 6-24-03 6-24-03

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	Moisture Percent	Test wt. lb/bu	Yield bu/A	Protein Percent	1000 kwt Grams	FN Seconds	DON ppm	Dockage \$/bu
18	NO FUNGICIDE									12.2	53.3	86	.	.	.	.	.
18	AgriPro Benton																
19	NO FUNGICIDE									12.7	55.8	91	.	.	.	.	.
19	AgriPro Gibson																
20	NO FUNGICIDE									12.7	53.4	93	.	.	.	.	.
20	AgriPro Patton																
21	NO FUNGICIDE									12.4	53.4	90	.	.	.	.	.
21	Bergmann-Taylor BT720																
22	NO FUNGICIDE									12.8	54.0	99	.	.	.	.	.
22	Bergmann-Taylor BT724																
23	NO FUNGICIDE									13.4	55.4	89	.	.	.	.	.
23	Pioneer 25R37																
24	NO FUNGICIDE									11.9	51.2	102	.	.	.	.	.
24	Pioneer 25R47																
25	NO FUNGICIDE									12.1	53.1	92	.	.	.	.	.
25	Pioneer 25R78																
26	NO FUNGICIDE																
26	Fill																
27	NO FUNGICIDE																
27	Fill																
28	NO FUNGICIDE																
28	Fill																
29	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.4	52.9	88	10.9	29.9	393	0.64	0.40
29	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
29	Public Sisson																
30	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.9	55.5	98	.	.	.	.	.
30	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
30	Public Roan																
31	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	13.8	56.4	98	.	.	.	.	.
31	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
31	Public McCormick																
32	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.5	53.8	102	.	.	.	.	.
32	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
32	Lewis 838																
33	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	11.8	52.7	101	.	.	.	.	.
33	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
33	Lewis 855																

Wheat Variety by Fungicide Trial.

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 Rating Date  
 Trt-Eval Interval

TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW  
 Moisture Test wt. Yield Protein 1000 kwt FN DON Dockage  
 Percent lb/bu bu/A Percent Grams Seconds ppm \$/bu  
 6-17-04 6-17-04 6-17-04 6-24-03 6-24-03 6-24-03 6-24-03 6-24-03

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	Moisture Percent	Test wt. lb/bu	Yield bu/A	Protein Percent	1000 kwt Grams	FN Seconds	DON ppm	Dockage \$/bu
34	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.0	53.3	101	.	.	.	.	.
34	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
34	Lewis 857																
35	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	13.2	55.5	98	.	.	.	.	.
35	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
35	Lewis 864																
36	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	13.2	55.3	96	10.5	32.3	325	1.45	0.40
36	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
36	FS Growmark 539																
37	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	11.9	53.2	99	10.3	31.2	333	2.29	0.40
37	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
37	FS Growmark 621																
38	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	11.7	52.2	89	.	.	.	.	.
38	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
38	FS Growmark 652																
39	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.7	54.2	101	.	.	.	.	.
39	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
39	FS Growmark X634																
40	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.8	53.9	109	.	.	.	.	.
40	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
40	FS Growmark X8302																
41	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.5	53.9	84	.	.	.	.	.
41	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
41	FS Growmark X8309																
42	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	13.2	57.3	94	.	.	.	.	.
42	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
42	Coker 9474																
43	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.9	55.3	105	10.2	32.4	314	1.02	0.20
43	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
43	Coker 9663																
44	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.4	54.0	100	.	.	.	.	.
44	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
44	Gateway Sundance																
45	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.3	53.6	95	.	.	.	.	.
45	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
45	Gateway Golden Eye II																
46	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	11.6	52.3	81	.	.	.	.	.
46	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
46	AgriPro Benton																

Wheat Variety by Fungicide Trial.

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 Rating Date  
 Trt-Eval Interval

TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW  
 Moisture Test wt. Yield Protein 1000 kwt FN DON Dockage  
 Percent lb/bu bu/A Percent Grams Seconds ppm \$/bu  
 6-17-04 6-17-04 6-17-04 6-24-03 6-24-03 6-24-03 6-24-03 6-24-03

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	Moisture Percent	Test wt. lb/bu	Yield bu/A	Protein Percent	1000 kwt Grams	FN Seconds	DON ppm	Dockage \$/bu
47	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.3	55.1	96	.	.	.	.	.
47	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
47	AgriPro Gibson																
48	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.2	53.4	94	.	.	.	.	.
48	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
48	AgriPro Patton																
49	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.5	53.9	98	.	.	.	.	.
49	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
49	Bergmann-Taylor BT720																
50	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.1	52.9	99	.	.	.	.	.
50	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
50	Bergmann-Taylor BT724																
51	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.7	54.8	87	.	.	.	.	.
51	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
51	Pioneer 25R37																
52	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.0	51.4	107	.	.	.	.	.
52	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
52	Pioneer 25R47																
53	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	12.0	53.0	102	.	.	.	.	.
53	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
53	Pioneer 25R78																
54	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	.	.	.	.	.	.	.	.
54	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
54	Fill																
55	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	.	.	.	.	.	.	.	.
55	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
55	Fill																
56	HEADLINE	2.09	EC	0.049	LB A/A	3.0	FL OZ/A	FK5	A	.	.	.	.	.	.	.	.
56	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK5	A								
56	Fill																
57	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.0	54.2	99	11.1	31.2	328	2.50	0.30
57	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
57	Public Sisson																
58	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.7	55.4	101	.	.	.	.	.
58	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
58	Public Roan																
59	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	14.8	56.5	99	.	.	.	.	.
59	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
59	Public McCormick																

Wheat Variety by Fungicide Trial.

Project Code: 04-ARC-N8-S200 Location: Agronomy Research Center  
 Investigator: Bryan Young

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 Rating Date  
 Trt-Eval Interval

TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW  
 Moisture Test wt. Yield Protein 1000 kwt FN DON Dockage  
 Percent lb/bu bu/A Percent Grams Seconds ppm \$/bu  
 6-17-04 6-17-04 6-17-04 6-24-03 6-24-03 6-24-03 6-24-03 6-24-03

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	Moisture Percent	Test wt. lb/bu	Yield bu/A	Protein Percent	1000 kwt Grams	FN Seconds	DON ppm	Dockage \$/bu
60	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	14.1	56.0	108	.	.	.	.	.
60	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
60	Lewis 838																
61	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.6	55.4	105	.	.	.	.	.
61	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
61	Lewis 855																
62	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.6	55.4	108	.	.	.	.	.
62	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
62	Lewis 857																
63	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.9	56.5	105	.	.	.	.	.
63	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
63	Lewis 864																
64	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	14.1	56.5	104	10.1	34.2	288	3.23	0.30
64	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
64	FS Growmark 539																
65	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.0	54.2	105	10.9	32.2	362	2.71	0.20
65	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
65	FS Growmark 621																
66	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	12.7	54.3	97	.	.	.	.	.
66	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
66	FS Growmark 652																
67	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	14.3	55.9	109	.	.	.	.	.
67	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
67	FS Growmark X634																
68	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.2	54.5	104	.	.	.	.	.
68	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
68	FS Growmark X8302																
69	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.0	54.2	95	.	.	.	.	.
69	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
69	FS Growmark X8309																
70	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	14.1	57.6	94	.	.	.	.	.
70	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
70	Coker 9474																
71	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	14.1	56.9	108	10.9	33.2	338	2.33	0.30
71	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
71	Coker 9663																
72	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.6	54.8	106	.	.	.	.	.
72	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
72	Gateway Sundance																



Southern Illinois University

Wheat Variety by Fungicide Trial.

Project Code: 04-ARC-N8-S200 Location: Agronomy Research Center  
 Investigator: Bryan Young

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 Rating Data Type  
 Rating Unit  
 Rating Date  
 Trt-Eval Interval

TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW  
 Moisture Test wt. Yield Protein 1000 kwt FN DON Dockage  
 Percent lb/bu bu/A Percent Grams Seconds ppm \$/bu  
 6-17-04 6-17-04 6-17-04 6-24-03 6-24-03 6-24-03 6-24-03 6-24-03

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	Moisture Percent	Test wt. lb/bu	Yield bu/A	Protein Percent	1000 Grams	FN Seconds	DON ppm	Dockage \$/bu
73	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.9	55.8	107	.	.	.	.	.
73	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
73	Gateway Golden Eye II																
74	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	12.9	54.6	98	.	.	.	.	.
74	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
74	AgriPro Benton																
75	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.4	56.1	101	.	.	.	.	.
75	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
75	AgriPro Gibson																
76	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.5	54.6	96	.	.	.	.	.
76	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
76	AgriPro Patton																
77	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	14.1	55.9	104	.	.	.	.	.
77	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
77	Bergmann-Taylor BT720																
78	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	14.1	55.7	101	.	.	.	.	.
78	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
78	Bergmann-Taylor BT724																
79	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	13.9	55.7	101	.	.	.	.	.
79	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
79	Pioneer 25R37																
80	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	12.5	51.2	110	.	.	.	.	.
80	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
80	Pioneer 25R47																
81	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	12.8	53.8	102	.	.	.	.	.
81	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
81	Pioneer 25R78																
82	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	.	.	.	.	.	.	.	.
82	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
82	Fill																
83	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	.	.	.	.	.	.	.	.
83	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
83	Fill																
84	HEADLINE	2.09	EC	0.098	LB A/A	6	FL OZ/A	FK9	B	.	.	.	.	.	.	.	.
84	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
84	Fill																
85	TILT	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.6	54.0	93	11.3	30.5	385	0.76	0.30
85	Public Sisson																

Southern Illinois University

Wheat Variety by Fungicide Trial.

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TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW  
 Moisture Test wt. Yield Protein 1000 kwt FN DON Dockage  
 Percent lb/bu bu/A Percent Grams Seconds ppm \$/bu  
 6-17-04 6-17-04 6-17-04 6-24-03 6-24-03 6-24-03 6-24-03 6-24-03

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	Moisture Percent	Test wt. lb/bu	Yield bu/A	Protein Percent	1000 kwt Grams	FN Seconds	DON ppm	Dockage \$/bu
86	TILT 86 Public Roan	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.3	55.8	96	.	.	.	.	.
87	TILT 87 Public McCormick	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.6	56.2	97	.	.	.	.	.
88	TILT 88 Lewis 838	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.2	55.1	110	.	.	.	.	.
89	TILT 89 Lewis 855	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.7	54.2	109	.	.	.	.	.
90	TILT 90 Lewis 857	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.9	54.7	104	.	.	.	.	.
91	TILT 91 Lewis 864	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.4	56.7	104	.	.	.	.	.
92	TILT 92 FS Growmark 539	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.3	55.7	100	10.4	33.9	316	1.73	0.30
93	TILT 93 FS Growmark 621	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.3	53.4	100	10.4	31.6	326	1.53	0.40
94	TILT 94 FS Growmark 652	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	11.9	53.5	91	.	.	.	.	.
95	TILT 95 FS Growmark X634	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.1	55.3	110	.	.	.	.	.
96	TILT 96 FS Growmark X8302	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.5	53.4	100	.	.	.	.	.
97	TILT 97 FS Growmark X8309	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.6	53.8	86	.	.	.	.	.
98	TILT 98 Coker 9474	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.6	57.8	91	.	.	.	.	.
99	TILT 99 Coker 9663	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.4	55.9	104	10.3	32.7	290	0.82	0.30
100	TILT 100 Gateway Sundance	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.9	54.3	103	.	.	.	.	.
101	TILT 101 Gateway Golden Eye II	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.7	54.4	98	.	.	.	.	.
102	TILT 102 AgriPro Benton	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.0	53.3	93	.	.	.	.	.

Wheat Variety by Fungicide Trial.

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 Moisture Test wt. Yield Protein 1000 kwt FN DON Dockage  
 Percent lb/bu bu/A Percent Grams Seconds ppm \$/bu  
 6-17-04 6-17-04 6-17-04 6-24-03 6-24-03 6-24-03 6-24-03 6-24-03

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	Moisture Percent	Test wt. lb/bu	Yield bu/A	Protein Percent	1000 kwt Grams	FN Seconds	DON ppm	Dockage \$/bu
103	TILT 103 AgriPro Gibson	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.1	55.4	98	.	.	.	.	.
104	TILT 104 AgriPro Patton	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.4	53.4	95	.	.	.	.	.
105	TILT 105 Bergmann-Taylor BT720	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.5	54.0	101	.	.	.	.	.
106	TILT 106 Bergmann-Taylor BT724	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.2	54.9	105	.	.	.	.	.
107	TILT 107 Pioneer 25R37	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	13.1	55.4	94	.	.	.	.	.
108	TILT 108 Pioneer 25R47	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.0	51.3	112	.	.	.	.	.
109	TILT 109 Pioneer 25R78	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	12.5	54.4	102	.	.	.	.	.
110	TILT 110 Fill	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	.	.	.	.	.	.	.	.
111	TILT 111 Fill	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	.	.	.	.	.	.	.	.
112	TILT 112 Fill	3.6	F	0.112	LB A/A	4	FL OZ/A	FK9	B	.	.	.	.	.	.	.	.
113	QUILT 113 ACTIVATOR 90 113 Public Sisson	1.67 100	F LIQ	0.183 0.125	LB A/A % V/V	14 0.125	FL OZ/A % V/V	FK9 FK9	B B	13.2	54.5	93	10.8	33.1	361	0.92	0.40
114	QUILT 114 ACTIVATOR 90 114 Public Roan	1.67 100	F LIQ	0.183 0.125	LB A/A % V/V	14 0.125	FL OZ/A % V/V	FK9 FK9	B B	13.2	55.6	97	.	.	.	.	.
115	QUILT 115 ACTIVATOR 90 115 Public McCormick	1.67 100	F LIQ	0.183 0.125	LB A/A % V/V	14 0.125	FL OZ/A % V/V	FK9 FK9	B B	14.9	57.3	98	.	.	.	.	.
116	QUILT 116 ACTIVATOR 90 116 Lewis 838	1.67 100	F LIQ	0.183 0.125	LB A/A % V/V	14 0.125	FL OZ/A % V/V	FK9 FK9	B B	14.1	56.1	106	.	.	.	.	.
117	QUILT 117 ACTIVATOR 90 117 Lewis 855	1.67 100	F LIQ	0.183 0.125	LB A/A % V/V	14 0.125	FL OZ/A % V/V	FK9 FK9	B B	13.3	55.4	110	.	.	.	.	.

Wheat Variety by Fungicide Trial.

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TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW TRZAW  
 Moisture Test wt. Yield Protein 1000 kwt FN DON Dockage  
 Percent lb/bu bu/A Percent Grams Seconds ppm \$/bu  
 6-17-04 6-17-04 6-17-04 6-24-03 6-24-03 6-24-03 6-24-03 6-24-03

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	Moisture Percent	Test wt. lb/bu	Yield bu/A	Protein Percent	1000 kwt Grams	FN Seconds	DON ppm	Dockage \$/bu
118	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.2	55.6	106	.	.	.	.	.
118	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
118	Lewis 857																
119	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.6	56.5	104	.	.	.	.	.
119	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
119	Lewis 864																
120	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	14.4	56.7	105	10.4	33.7	372	2.12	0.20
120	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
120	FS Growmark 539																
121	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.0	54.2	95	10.4	31.9	304	2.53	0.20
121	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
121	FS Growmark 621																
122	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	12.4	54.3	99	.	.	.	.	.
122	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
122	FS Growmark 652																
123	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	14.0	56.2	107	.	.	.	.	.
123	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
123	FS Growmark X634																
124	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.2	54.2	105	.	.	.	.	.
124	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
124	FS Growmark X8302																
125	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	12.7	54.3	98	.	.	.	.	.
125	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
125	FS Growmark X8309																
126	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	14.2	58.5	94	.	.	.	.	.
126	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
126	Coker 9474																
127	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.8	56.7	106	10.3	34.5	328	2.07	0.20
127	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
127	Coker 9663																
128	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.2	55.2	105	.	.	.	.	.
128	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
128	Gateway Sundance																
129	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.5	55.5	105	.	.	.	.	.
129	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
129	Gateway Golden Eye II																
130	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	12.4	54.2	91	.	.	.	.	.
130	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
130	AgriPro Benton																

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 Moisture Test wt. Yield Protein 1000 kwt FN DON Dockage  
 Percent lb/bu bu/A Percent Grams Seconds ppm \$/bu  
 6-17-04 6-17-04 6-17-04 6-24-03 6-24-03 6-24-03 6-24-03 6-24-03

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	Moisture	Test wt.	Yield	Protein	1000 kwt	FN	DON	Dockage
131	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	12.8	56.2	99	.	.	.	.	.
131	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
131	AgriPro Gibson																
132	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.1	54.5	98	.	.	.	.	.
132	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
132	AgriPro Patton																
133	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.6	55.6	107	.	.	.	.	.
133	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
133	Bergmann-Taylor BT720																
134	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.7	55.7	105	.	.	.	.	.
134	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
134	Bergmann-Taylor BT724																
135	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	13.5	55.9	98	.	.	.	.	.
135	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
135	Pioneer 25R37																
136	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	12.2	52.0	107	.	.	.	.	.
136	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
136	Pioneer 25R47																
137	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	12.8	54.5	107	.	.	.	.	.
137	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
137	Pioneer 25R78																
138	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	.	.	.	.	.	.	.	.
138	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
138	Fill																
139	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	.	.	.	.	.	.	.	.
139	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
139	Fill																
140	QUILT	1.67	F	0.183	LB A/A	14	FL OZ/A	FK9	B	.	.	.	.	.	.	.	.
140	ACTIVATOR 90	100	LIQ	0.125	% V/V	0.125	% V/V	FK9	B								
140	Fill																
LSD (P=.05)										1.41	1.31	8.1	.	.	.	.	.
Replicate F										0.842	3.287	27.598					
Replicate Prob(F)										0.4323	0.0390	0.0001					
Treatment F										1.926	9.142	5.629					
Treatment Prob(F)										0.0001	0.0001	0.0001					

Trial Comments

1. Protocol: SIUC.
2. Apply fungicides according to plot map.
3. Ratings: Diseases; seeds/lb wheat at planting; seed head density and size; % lodging; and grain yield, moisture, and test weight.
4. Blanket application of Harmony Extra + Activator 90 at 0.5 oz/A + 0.25% to all plots applied on 3-29-04.
5. HeadScab = Head scab. % Incid = Percent incidence. % Sever = Percent severity. GlumeBch = Glume blotch. TanSpot = Tan spot. LeafRust = Leaf rust. BYD = Barley yellow dwarf. DA-B = Days after FK9 application. EOS = End of season. 0 DA-B was at FK9 application. 24 DA-B was also 50 days after FK5 application. Tan spot rated on flag leaf and next leaf only, also present with tan spot, but much less percent incidence, was leaf blotch.
7. For protein, grams/1000 kernals, falling number and DON, plot (replication) samples were pooled for each treatment, thus statistical analysis was not possible.