

University of Tennessee

2018 Verification

Trial ID: Verification_18trt_WTREC

Protocol ID: Verification

Project ID: Verification

Location:

WTREC

Investigator:

Heather Kelly

Study Director:

Trial Year:

2018

Sponsor Contact:

Trial Map Treatment Description

Trt	Code	Description	Products	active ingredients
1	CHK	Pioneer44A72;NTC	Product 1	azoxystrobin + propiconazole ★
2		Pioneer44A72;Quadris+Tilt	Product 2	azoxystrobin + tebuconazole
3		Pioneer44A72;Quadris+Tebu Star	Product 3	azoxystrobin + flutriafol ★
4		Pioneer44A72;Topguard EQ	Product 4	thiophate methyl + propiconazole ★
5		Pioneer44A72;Topsin+Tilt	Product 5	thiophate methyl + tetraconazole
6		Pioneer44A72;Acropolis		
7		Pioneer46T30;NTC		
8		Pioneer46T30;Quadris+Tilt	Variety	
9		Pioneer46T30;Quadris+Tebu Star	Pioneer44A72	resistant
10		Pioneer46T30;Topguard EQ	Pioneer46T30	mod susceptible
11		Pioneer46T30;Topsin+Tilt	Pioneer40T26	highly susceptible
12		Pioneer46T30;Acropolis		
13		Pioneer40T26;NTC		
14		Pioneer40T26;Quadris+Tilt		
15		Pioneer40T26;Quadris+Tebu Star		
16		Pioneer40T26;Topguard EQ		
17		Pioneer40T26;Topsin+Tilt		
18		Pioneer40T26;Acropolis		

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Trt	Code	Description
1	CHK	Pioneer44A72;NTC
2		Pioneer44A72;Product 1
3		Pioneer44A72;Product 2
4		Pioneer44A72;Product 3
5		Pioneer44A72;Product 4
6		Pioneer44A72;Product 5
7		Pioneer46T30;NTC
8		Pioneer46T30;Product 1
9		Pioneer46T30;Product 2
10		Pioneer46T30;Product 3
11		Pioneer46T30;Product 4
12		Pioneer46T30;Product 5
13		Pioneer40T26;NTC
14		Pioneer40T26;Product 1
15		Pioneer40T26;Product 2
16		Pioneer40T26;Product 3
17		Pioneer40T26;Product 4
18		Pioneer40T26;Product 5

801 18	802 1	803 5	804 3	805 9	806 4	807 17	808 10	809 12
701 2	702 14	703 7	704 16	705 8	706 11	707 13	708 6	709 15
601 13	602 15	603 18	604 6	605 5	606 8	607 7	608 2	609 11
501 14	502 9	503 12	504 10	505 17	506 1	507 3	508 4	509 16
401 8	402 5	403 1	404 15	405 13	406 9	407 10	408 3	409 7
301 16	302 18	303 17	304 11	305 4	306 12	307 2	308 14	309 6
201 10	202 11	203 12	204 13	205 14	206 15	207 16	208 17	209 18
101 1	102 2	103 3	104 4	105 5	106 6	107 7	108 8	109 9

018 (Verification_18trt)

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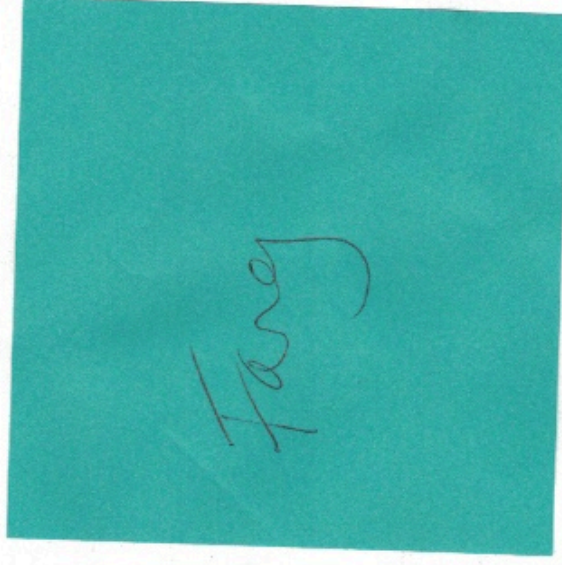
Reps: 4		Plots: 10 by 30 feet		Spray vol: 15 GAL/AC		Mix Size: 3 GAL (total for 4 plots: minimum=1.2397 GAL)							
Trt	Treatment	Form	Conc	Unit	Form	Type	Rate	Unit	Growth	Appl	Product	Rep	
No.	Name								Stage	Description	to Measure	1	2
B2	Quadrats	2.08 LB/GAL	F		6 FL OZ/A	R3	A	Beginning pod			35.49 mL/mx	102	307
2,	Tilt	3.6 LB/GAL	SC		4 FL OZ/A	R3	A	Beginning pod			23.66 mL/mx	108	308
8,	Induce	100.0 %	SL		0.25 % V/V	R3	A	Beginning pod			28.39 mL/mx	205	401
14													
B3	Quadrats	2.08 LB/GAL	F		6 FL OZ/A	R3	A	Beginning pod			35.49 mL/mx	103	404
3,	Tebu Star	3.6 LB/GAL	F		4 FL OZ/A	R3	A	Beginning pod			23.66 mL/mx	109	406
9,	Induce	100.0 %	SL		0.25 % V/V	R3	A	Beginning pod			28.39 mL/mx	206	408
15													
B4	Topguard EQ	4.29 LB/GAL	SC		5 FL OZ/A	R3	A	Beginning pod			29.57 mL/mx	104	301
4,	Induce	100.0 %	SL		0.25 % V/V	R3	A	Beginning pod			28.39 mL/mx	201	305
10,												207	407
16													
B5	Topsin	4.5 LBA/GAL	F		20 FL OZ/A	R3	A	Beginning pod			118.3 mL/mx	105	303
5,	Tilt	3.6 LB/GAL	SC		4 FL OZ/A	R3	A	Beginning pod			23.66 mL/mx	202	304
11,	Induce	100.0 %	SL		0.25 % V/V	R3	A	Beginning pod			28.39 mL/mx	208	402
17													
B6	Acropolis	2.38 LB/GAL	F		20 FL OZ/A	R3	A	Beginning pod			118.3 mL/mx	106	302
6,	Induce	100.0 %	SL		0.25 % V/V	R3	A	Beginning pod			28.39 mL/mx	203	306
12,												209	309
18													

Sort Order: Replicate 1

Product quantities required for listed treatments and applications of trials included in this table:

Amount*	Unit	Treatment Name	Form	Conc	Form	Unit	Form	Type	Lot Code
88.721	mL	Quadrats	2.08		LB/GAL	F			
36.967	mL	Topguard EQ	4.29		LB/GAL	SC			
147.868	mL	Topsin	4.5		LB/GAL	F			
147.868	mL	Acropolis	2.38		LB/GAL	F			

* 'Per area' calculations based on spray volume= 15 GAL/AC, mix size= 3 GAL (mix size basis).
 * Product amount calculations increased 25 % for overage adjustment.



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Rep Blk	801	18	802	1	803	5	804	3	805	9	806	4	807	17	808	10	809	12
4 8	A3 B6		A1 B1		A1 B5		A1 B3		A2 B3		A1 B4		A3 B5		A2 B4		A2 B6	
4 7	701	2	702	14	703	7	704	16	705	8	706	11	707	13	708	6	709	15
	A1 B2		A3 B2		A2 B1		A3 B4		A2 B2		A2 B5		A3 B1		A1 B6		A3 B3	
3 6	601	13	602	15	603	18	604	6	605	5	606	8	607	7	608	2	609	11
	A3 B1		A3 B3		A3 B6		A1 B6		A1 B5		A2 B2		A2 B1		A1 B2		A2 B5	
3 5	501	14	502	9	503	12	504	10	505	17	506	1	507	3	508	4	509	16
	A3 B2		A2 B3		A2 B6		A2 B4		A3 B5		A1 B1		A1 B3		A1 B4		A3 B4	
2 4	401	8	402	5	403	1	404	15	405	13	406	9	407	10	408	3	409	7
	A2 B2		A1 B5		A1 B1		A3 B3		A3 B1		A2 B3		A2 B4		A1 B3		A2 B1	
2 3	301	16	302	18	303	17	304	11	305	4	306	12	307	2	308	14	309	6
	A3 B4		A3 B6		A3 B5		A2 B5		A1 B4		A2 B6		A1 B2		A3 B2		A1 B6	
1 2	201	10	202	11	203	12	204	13	205	14	206	15	207	16	208	17	209	18
	A2 B4		A2 B5		A2 B6		A3 B1		A3 B2		A3 B3		A3 B4		A3 B5		A3 B6	
1 1	101	1	102	2	103	3	104	4	105	5	106	6	107	7	108	8	109	9
	A1 B1		A1 B2		A1 B3		A1 B4		A1 B5		A1 B6		A2 B1		A2 B2		A2 B3	

Factor	Description
A	Variety
B	Timing of Application

A3 = Pioneer 40T26
 NTC = B1/13
 Products 1 = B2/14
 3 = B4/16
 4 = B5/17