

Efficacy and Selectivity of CHA-2745 when Applied Preemergence Alone and in Tank-Mix to Soybean.

Trial ID: 15-2A-MW80 Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Trial Status: F one-year/final Initiation Date: 6-12-15 Completion Date: 8-1-15	Trial Location
City: Belleville Country: USA State/Prov.: Illinois IL Postal Code: 62221	

Objectives: To determine the efficacy and selectivity of CHA-2745 when applied preemergence alone and in tank-mix to soybean.

Study Director: Ronald F. Krausz Organization: Belleville Research Center - Southern Illinois Univ Carbondale Address: 2036 Charles Lane City+State/Prov: Belleville, IL Postal Code: 62221 Country: USA	Contacts
	Title: Researcher/Farm Manager Phone No.: 618-566-4761 E-mail: rkrausz@siu.edu

Crop 1: GLXMA Glycine max Soybean Variety: AG3832 BBCH Scale: BSOY Description: RR2Y	Crop Description
Planting Rate, Unit: 140000 S/A Depth, Unit: 1.5 IN Row Spacing, Unit: 30 IN	Planting Date: 6-12-15 Planting Method: SEEDED

Pest 1 Type: W Code: SETFA Setaria faberi Herrm. Common Name: foxtail, giant Pest 2 Type: W Code: AMBTR Ambrosia trifida L. Common Name: ragweed, giant Pest 3 Type: W Code: AMATA Amaranthus rudis Sauer Common Name: waterhemp, common Pest 4 Type: W Code: IPOHE Ipomoea hederacea (L.) Jacq. Common Name: morningglory, ivyleaf	Pest Description
--	-------------------------

Treated Plot Width: 7.5 FT Total Plot Width: 10 FT Treated Plot Length: 28 FT Total Plot Length: 28 FT Replications: 4 Untreated Arrangement: INCLUDED single control randomized in each block	Site and Design						
	Site Type: FIELD Experimental Unit: 1 PLOT Tillage Type: REDTIL reduced-till Study Design: RACOB� Randomized Complete Block (RCB)						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">No.</th> <th style="width: 45%;">Previous Crop</th> <th style="width: 50%;">Year</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td style="text-align: center;">ZEAMD</td> <td style="text-align: center;">2014</td> </tr> </tbody> </table>	No.	Previous Crop	Year	1.	ZEAMD	2014	
No.	Previous Crop	Year					
1.	ZEAMD	2014					

<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">No.</th> <th style="width: 95%;">Maintenance Product Name</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td style="text-align: center;">N 0 LB/A, P2O5 50 LB/A, K2O 150 LB/A</td> </tr> </tbody> </table>	No.	Maintenance Product Name	1.	N 0 LB/A, P2O5 50 LB/A, K2O 150 LB/A	Maintenance
No.	Maintenance Product Name				
1.	N 0 LB/A, P2O5 50 LB/A, K2O 150 LB/A				

Description Name: 02A-MW-2015 % Sand: 42.58 % OM: 1.63 Texture: SIL silt loam % Silt: 49.78 pH: 6.7 Soil Name: Pierron % Clay: 7.64 CEC: 8.11	Soil Description									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Element</th> <th style="width: 35%;">Quantity</th> <th style="width: 50%;">Unit</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">P1</td> <td style="text-align: center;">94</td> <td style="text-align: center;">lb/A</td> </tr> <tr> <td style="text-align: center;">K</td> <td style="text-align: center;">392</td> <td style="text-align: center;">lb/A</td> </tr> </tbody> </table>	Element	Quantity	Unit	P1	94	lb/A	K	392	lb/A	Additional Measured Elements
Element	Quantity	Unit								
P1	94	lb/A								
K	392	lb/A								

Overall Moisture Conditions: ABONOR Closest Weather Station: ICN - Belleville IL	Moisture and Weather Conditions
	Distance, Unit: 0.5 MI

Efficacy and Selectivity of CHA-2745 when Applied Preemergence Alone and in Tank-Mix to Soybean.

Trial ID: 15-2A-MW80 Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

No.	Date	Amount	Unit	Type	Type Description	Interval	Unit	Min Temp	Max Temp	Temp Unit
1.	4-29-15					7	DAY	36	84	F
2.	5-6-15					7	DAY	49	85	F
3.	5-8-15	4.09	IN	RAIN	rain	4	DAY			
4.	5-13-15					7	DAY	45	83	F
5.	5-14-15	0.33	IN	RAIN	rain	4	DAY			
6.	5-20-15					7	DAY	44	85	F
7.	5-20-15	0.16	IN	RAIN	rain	1	DAY			
8.	5-24-15	0.89	IN	RAIN	rain	1	DAY			
9.	5-26-15	0.59	IN	RAIN	rain	2	DAY			
10.	5-27-15					7	DAY	55	84	F
11.	5-29-15	2.15	IN	RAIN	rain	2	DAY			
12.	6-3-15					7	DAY	53	89	F
13.	6-5-15	0.17	IN	RAIN	rain	1	DAY			
14.	6-8-15	0.66	IN	RAIN	rain	1	DAY			
15.	6-10-15					7	DAY	64	91	F
16.	6-14-15	0.16	IN	RAIN	rain	1	DAY			
17.	6-15-15	0.11	IN	RAIN	rain	1	DAY			
18.	6-16-15	2.25	IN	RAIN	rain	1	DAY			
19.	6-17-15					7	DAY	69	91	F
20.	6-17-15	0.09	IN	RAIN	rain	1	DAY			
21.	6-18-15	0.14	IN	RAIN	rain	1	DAY			
22.	6-19-15	3.29	IN	RAIN	rain	1	DAY			
23.	6-20-15	0.2	IN	RAIN	rain	2	DAY			
24.	6-24-15					7	DAY	62	93	F
25.	6-25-15	1.66	IN	RAIN	rain	2	DAY			
26.	6-28-15	0.6	IN	RAIN	rain	2	DAY			
27.	7-1-15	0.64	IN	RAIN	rain	2	DAY			
28.	7-7-15	1.33	IN	RAIN	rain	2	DAY			
29.	7-8-15					7	DAY	59	97	F
30.	7-10-15	0.26	IN	RAIN	rain	1	DAY			
31.	7-15-15					7	DAY	69	93	F
32.	7-19-15	0.35	IN	RAIN	rain	2	DAY			
33.	7-22-15					7	DAY	65	95	F
34.	7-26-15	1.21	IN	RAIN	rain	3	DAY			
35.	7-29-15					7	DAY	65	93	F
36.	8-5-15	2.25	IN	RAIN	rain	1	DAY			
37.	8-9-15	0.47	IN	RAIN	rain	1	DAY			

Efficacy and Selectivity of CHA-2745 when Applied Preemergence Alone and in Tank-Mix to Soybean.

Trial ID: 15-2A-MW80 Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Application Description

	A
Application Date:	6-13-15
Appl. Start Time:	12:40
Appl. Stop Time:	13:20
Application Method:	Spray
Application Timing:	PRE
Application Placement:	BROSOI
Applied By:	LXF
Air Temperature, Unit:	87 F
% Relative Humidity:	63
Wind Velocity, Unit:	5 MPH
Wind Direction:	SW
Dew Presence (Y/N):	N
Soil Temperature, Unit:	75 F
Soil Moisture:	NORMAL
% Cloud Cover:	50
Next Moisture Occurred On:	6-14-15
Time to Next Moisture, Unit:	21 HR

Crop Stage At Each Application

	A
Crop 1 Code, BBCH Scale:	GLXMA
Stage Scale Used:	DESC
Stage Majority, Percent:	NA

Pest Stage At Each Application

	A
Pest 1 Code, Type, Scale:	SETFA W
Stage Majority, Percent:	NA
Pest 2 Code, Type, Scale:	AMBTR W
Stage Majority, Percent:	NA
Pest 3 Code, Type, Scale:	AMATA W
Stage Majority, Percent:	NA
Pest 4 Code, Type, Scale:	IPOHE W
Stage Majority, Percent:	NA

Application Equipment

	A
Appl. Equipment:	CO2 sprayer
Equipment Type:	BACSPR
Operation Pressure, Unit:	30 PSI
Nozzle Type:	XR
Nozzle Size:	8002
Boom Length, Unit:	7.5 FT
Spray Volume, Unit:	15 GPA

Efficacy and Selectivity of CHA-2745 when Applied Preemergence Alone and in Tank-Mix to Soybean.

Trial ID: 15-2A-MW80 Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code		Crop Code		Rating Date		Rating Type		Rating Unit		Rating Timing		Trt-Eval Interval		GLXMA 6-27-15 Injury Percent	GLXMA 7-4-15 Injury Percent	GLXMA 7-11-15 Injury Percent	GLXMA 7-18-15 Injury Percent	GLXMA 8-1-15 Injury Percent	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Other Rate	Other Unit	Growth Unit	Stage	Appl Code	14 DA-A	21 DA-A	28 DA-A	35 DA-A	49 DA-A				
1	CHA-2745	5 EC		1 lb ai/a		25.6 fl oz/a		PRE	A		3 e	0 a	0 a	0 a	0 a				
2	CHA-2745	5 EC		1.25 lb ai/a		32 fl oz/a		PRE	A		5 de	0 a	0 a	0 a	0 a				
3	CHA-2745	5 EC		1.5 lb ai/a		38.4 fl oz/a		PRE	A		8 cde	0 a	0 a	0 a	0 a				
4	CHA-2745 DAWN	5 EC 2 AS		1.25 lb ai/a 0.3 lb ai/a		32 fl oz/a 19.2 fl oz/a		PRE PRE	A A		11 cd	0 a	0 a	0 a	0 a				
5	CHA-2745 CHA-060	5 EC 25 WG		1.25 lb ai/a 0.026 lb ai/a		32 fl oz/a 1.66 oz/a		PRE PRE	A A		10 cd	0 a	0 a	0 a	0 a				
6	CHA-2745 SPARTAN 4F	5 EC 4 SC		1.25 lb ai/a 0.14 lb ai/a		32 fl oz/a 4.5 fl oz/a		PRE PRE	A A		19 b	3 a	0 a	0 a	0 a				
7	CHA-2745 CHA-060 DAWN	5 EC 25 WG 2 AS		1 lb ai/a 0.023 lb ai/a 0.28 lb ai/a		25.6 fl oz/a 1.47 oz/a 18 fl oz/a		PRE PRE PRE	A A A		11 cd	0 a	0 a	0 a	0 a				
8	CHA-2745 CHA-060 SPARTAN 4F	5 EC 25 WG 4 SC		1 lb ai/a 0.02 lb ai/a 0.16 lb ai/a		25.6 fl oz/a 1.28 oz/a 5.1 fl oz/a		PRE PRE PRE	A A A		28 a	5 a	0 a	0 a	0 a				
9	DUAL MAGNUM	7.62 EC		1 lb ai/a		1.05 pt/a		PRE	A		8 cde	0 a	0 a	0 a	0 a				
10	SPARTAN 4F	4 SC		0.14 lb ai/a		4.5 fl oz/a		PRE	A		10 cd	0 a	0 a	0 a	0 a				
11	AUTHORITY ELITE	7 SC		1.37 lb ai/a		25 fl oz/a		PRE	A		14 bc	0 a	0 a	0 a	0 a				
12	NONTREATED										0	0	0	0	0				
LSD P=.05											6.7	3.4	.	.	.				
Standard Deviation											4.6	2.4	0.0	0.0	0.0				
CV											40.89	347.26	0.0	0.0	0.0				
Replicate F											2.737	0.405	0.000	0.000	0.000				
Replicate Prob(F)											0.0609	0.7502	1.0000	1.0000	1.0000				
Treatment F											8.768	1.865	0.000	0.000	0.000				
Treatment Prob(F)											0.0001	0.0913	1.0000	1.0000	1.0000				

Means followed by same letter do not significantly differ (P=.05, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Could not calculate LSD (% mean diff) for columns 15,20,25,6,11,16,21,26,8,13 because error mean square = 0.

Efficacy and Selectivity of CHA-2745 when Applied Preemergence Alone and in Tank-Mix to Soybean.

Trial ID: 15-2A-MW80 Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Pest Code	Crop Code	Rating Date	Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval	SETFA 6-27-15 Control Percent	SETFA 7-4-15 Control Percent	SETFA 7-11-15 Control Percent	SETFA 7-18-15 Control Percent	SETFA 8-1-15 Control Percent
Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code
1	CHA-2745	5	EC	1 lb ai/a	ai/a	25.6 fl oz/a	oz/a	PRE	A	14 DA-A	99 a
2	CHA-2745	5	EC	1.25 lb ai/a	ai/a	32 fl oz/a	oz/a	PRE	A	21 DA-A	99 a
3	CHA-2745	5	EC	1.5 lb ai/a	ai/a	38.4 fl oz/a	oz/a	PRE	A	28 DA-A	99 a
4	CHA-2745 DAWN	5 2	EC AS	1.25 lb ai/a 0.3 lb ai/a	ai/a ai/a	32 fl oz/a 19.2 fl oz/a	oz/a oz/a	PRE PRE	A A	35 DA-A	99 a
5	CHA-2745 CHA-060	5 25	EC WG	1.25 lb ai/a 0.026 lb ai/a	ai/a ai/a	32 fl oz/a 1.66 oz/a	oz/a oz/a	PRE PRE	A A	49 DA-A	99 a
6	CHA-2745 SPARTAN 4F	5 4	EC SC	1.25 lb ai/a 0.14 lb ai/a	ai/a ai/a	32 fl oz/a 4.5 fl oz/a	oz/a oz/a	PRE PRE	A A		99 a
7	CHA-2745 CHA-060 DAWN	5 25 2	EC WG AS	1 lb ai/a 0.023 lb ai/a 0.28 lb ai/a	ai/a ai/a ai/a	25.6 fl oz/a 1.47 oz/a 18 fl oz/a	oz/a oz/a oz/a	PRE PRE PRE	A A A		99 a
8	CHA-2745 CHA-060 SPARTAN 4F	5 25 4	EC WG SC	1 lb ai/a 0.02 lb ai/a 0.16 lb ai/a	ai/a ai/a ai/a	25.6 fl oz/a 1.28 oz/a 5.1 fl oz/a	oz/a oz/a oz/a	PRE PRE PRE	A A A		99 a
9	DUAL MAGNUM	7.62	EC	1 lb ai/a	ai/a	1.05 pt/a	pt/a	PRE	A		99 a
10	SPARTAN 4F	4	SC	0.14 lb ai/a	ai/a	4.5 fl oz/a	oz/a	PRE	A		99 a
11	AUTHORITY ELITE	7	SC	1.37 lb ai/a	ai/a	25 fl oz/a	oz/a	PRE	A		99 a
12	NONTREATED										0
LSD P=.05							0.0	0.0	0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0	0.0	0.0
CV							0.0	0.0	0.0	0.0	0.0
Replicate F							0.000	0.000	0.000	0.000	0.000
Replicate Prob(F)							1.0000	1.0000	1.0000	1.0000	1.0000
Treatment F							0.000	0.000	0.000	0.000	0.000
Treatment Prob(F)							1.0000	1.0000	1.0000	1.0000	1.0000

Efficacy and Selectivity of CHA-2745 when Applied Preemergence Alone and in Tank-Mix to Soybean.

Trial ID: 15-2A-MW80 Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Pest Code							AMBTR	AMBTR	AMBTR	AMBTR	AMBTR
Crop Code							6-27-15	7-4-15	7-11-15	7-18-15	8-1-15
Rating Date							Control	Control	Control	Control	Control
Rating Type							Percent	Percent	Percent	Percent	Percent
Rating Unit							14 DA-A	21 DA-A	28 DA-A	35 DA-A	49 DA-A
Rating Timing											
Trt-Eval Interval											
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate	Growth Unit	Stage	Appl Code		
1	CHA-2745	5	EC	1 lb ai/a	25.6 fl oz/a		PRE	A		0 c	0 c
2	CHA-2745	5	EC	1.25 lb ai/a	32 fl oz/a		PRE	A		0 c	0 c
3	CHA-2745	5	EC	1.5 lb ai/a	38.4 fl oz/a		PRE	A		0 c	0 c
4	CHA-2745 DAWN	5 2	EC AS	1.25 lb ai/a 0.3 lb ai/a	32 fl oz/a 19.2 fl oz/a		PRE PRE	A A		98 a	98 a
5	CHA-2745 CHA-060	5 25	EC WG	1.25 lb ai/a 0.026 lb ai/a	32 fl oz/a 1.66 oz/a		PRE PRE	A A		92 a	92 a
6	CHA-2745 SPARTAN 4F	5 4	EC SC	1.25 lb ai/a 0.14 lb ai/a	32 fl oz/a 4.5 fl oz/a		PRE PRE	A A		45 b	45 b
7	CHA-2745 CHA-060 DAWN	5 25 2	EC WG AS	1 lb ai/a 0.023 lb ai/a 0.28 lb ai/a	25.6 fl oz/a 1.47 oz/a 18 fl oz/a		PRE PRE PRE	A A A		98 a	98 a
8	CHA-2745 CHA-060 SPARTAN 4F	5 25 4	EC WG SC	1 lb ai/a 0.02 lb ai/a 0.16 lb ai/a	25.6 fl oz/a 1.28 oz/a 5.1 fl oz/a		PRE PRE PRE	A A A		93 a	93 a
9	DUAL MAGNUM	7.62	EC	1 lb ai/a	1.05 pt/a		PRE	A		0 c	0 c
10	SPARTAN 4F	4	SC	0.14 lb ai/a	4.5 fl oz/a		PRE	A		23 bc	23 bc
11	AUTHORITY ELITE	7	SC	1.37 lb ai/a	25 fl oz/a		PRE	A		0 c	0 c
12	NONTREATED									0	0
LSD P=.05							29.9	29.9	29.2	29.2	27.2
Standard Deviation							20.7	20.7	20.2	20.2	18.8
CV							50.7	50.7	50.59	50.59	49.97
Replicate F							1.225	1.225	1.064	1.064	0.433
Replicate Prob(F)							0.3177	0.3177	0.3789	0.3789	0.7308
Treatment F							19.245	19.245	19.417	19.417	22.445
Treatment Prob(F)							0.0001	0.0001	0.0001	0.0001	0.0001

Efficacy and Selectivity of CHA-2745 when Applied Preemergence Alone and in Tank-Mix to Soybean.

Trial ID: 15-2A-MW80 Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Pest Code							AMATA	AMATA	AMATA	AMATA	AMATA					
Crop Code							6-27-15	7-4-15	7-11-15	7-18-15	8-1-15					
Rating Date							Control	Control	Control	Control	Control					
Rating Type							Percent	Percent	Percent	Percent	Percent					
Rating Unit							14 DA-A	21 DA-A	28 DA-A	35 DA-A	49 DA-A					
Rating Timing																
Trt-Eval Interval																
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Other Rate	Other Rate	Growth Unit	Stage	Appl Code						
1	CHA-2745	5	EC	1 lb ai/a		25.6 fl oz/a		PRE	A		99 a	99 a	99 a	99 a	98 a	
2	CHA-2745	5	EC	1.25 lb ai/a		32 fl oz/a		PRE	A		99 a	99 a	99 a	99 a	97 a	
3	CHA-2745	5	EC	1.5 lb ai/a		38.4 fl oz/a		PRE	A		99 a	99 a	94 a	94 a	94 a	
4	CHA-2745 DAWN	5 2	EC AS	1.25 lb ai/a 0.3 lb ai/a		32 fl oz/a 19.2 fl oz/a		PRE PRE	A A		99 a	99 a	99 a	99 a	99 a	
5	CHA-2745 CHA-060	5 25	EC WG	1.25 lb ai/a 0.026 lb ai/a		32 fl oz/a 1.66 oz/a		PRE PRE	A A		99 a	99 a	94 a	94 a	50 b	
6	CHA-2745 SPARTAN 4F	5 4	EC SC	1.25 lb ai/a 0.14 lb ai/a		32 fl oz/a 4.5 fl oz/a		PRE PRE	A A		99 a	99 a	99 a	99 a	99 a	
7	CHA-2745 CHA-060 DAWN	5 25 2	EC WG AS	1 lb ai/a 0.023 lb ai/a 0.28 lb ai/a		25.6 fl oz/a 1.47 oz/a 18 fl oz/a		PRE PRE PRE	A A A		99 a	99 a	99 a	99 a	95 a	
8	CHA-2745 CHA-060 SPARTAN 4F	5 25 4	EC WG SC	1 lb ai/a 0.02 lb ai/a 0.16 lb ai/a		25.6 fl oz/a 1.28 oz/a 5.1 fl oz/a		PRE PRE PRE	A A A		99 a	99 a	99 a	99 a	99 a	
9	DUAL MAGNUM	7.62	EC	1 lb ai/a		1.05 pt/a		PRE	A		99 a	99 a	99 a	99 a	99 a	
10	SPARTAN 4F	4	SC	0.14 lb ai/a		4.5 fl oz/a		PRE	A		99 a	99 a	99 a	99 a	99 a	
11	AUTHORITY ELITE	7	SC	1.37 lb ai/a		25 fl oz/a		PRE	A		99 a	99 a	99 a	99 a	99 a	
12	NONTREATED										0	0	0	0	0	
LSD P=.05							.	.	5.9	5.9	4.8					
Standard Deviation							0.0	0.0	4.1	4.1	3.3					
CV							0.0	0.0	4.19	4.19	3.55					
Replicate F							0.000	0.000	0.722	0.722	1.686					
Replicate Prob(F)							1.0000	1.0000	0.5470	0.5470	0.1910					
Treatment F							0.000	0.000	0.857	0.857	76.632					
Treatment Prob(F)							1.0000	1.0000	0.5810	0.5810	0.0001					

Efficacy and Selectivity of CHA-2745 when Applied Preemergence Alone and in Tank-Mix to Soybean.

Trial ID: 15-2A-MW80 Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval							IPOHE	IPOHE	IPOHE	IPOHE	IPOHE
							6-27-15 Control Percent	7-4-15 Control Percent	7-11-15 Control Percent	7-18-15 Control Percent	8-1-15 Control Percent
							14 DA-A	21 DA-A	28 DA-A	35 DA-A	49 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Other Rate	Other Rate Unit	Growth Unit	Stage	Appl Code		
1	CHA-2745	5 EC		1 lb ai/a	25.6 fl oz/a		PRE	A		60 c	60 c
2	CHA-2745	5 EC		1.25 lb ai/a	32 fl oz/a		PRE	A		80 b	80 b
3	CHA-2745	5 EC		1.5 lb ai/a	38.4 fl oz/a		PRE	A		90 ab	90 ab
4	CHA-2745 DAWN	5 EC 2 AS		1.25 lb ai/a 0.3 lb ai/a	32 fl oz/a 19.2 fl oz/a		PRE PRE	A A		99 a	99 a
5	CHA-2745 CHA-060	5 EC 25 WG		1.25 lb ai/a 0.026 lb ai/a	32 fl oz/a 1.66 oz/a		PRE PRE	A A		99 a	99 a
6	CHA-2745 SPARTAN 4F	5 EC 4 SC		1.25 lb ai/a 0.14 lb ai/a	32 fl oz/a 4.5 fl oz/a		PRE PRE	A A		99 a	99 a
7	CHA-2745 CHA-060 DAWN	5 EC 25 WG 2 AS		1 lb ai/a 0.023 lb ai/a 0.28 lb ai/a	25.6 fl oz/a 1.47 oz/a 18 fl oz/a		PRE PRE PRE	A A A		99 a	99 a
8	CHA-2745 CHA-060 SPARTAN 4F	5 EC 25 WG 4 SC		1 lb ai/a 0.02 lb ai/a 0.16 lb ai/a	25.6 fl oz/a 1.28 oz/a 5.1 fl oz/a		PRE PRE PRE	A A A		99 a	99 a
9	DUAL MAGNUM	7.62 EC		1 lb ai/a	1.05 pt/a		PRE	A		0 d	0 d
10	SPARTAN 4F	4 SC		0.14 lb ai/a	4.5 fl oz/a		PRE	A		99 a	99 a
11	AUTHORITY ELITE	7 SC		1.37 lb ai/a	25 fl oz/a		PRE	A		99 a	99 a
12	NONTREATED									0	0
LSD P=.05							17.4	17.4	17.4	17.4	17.4
Standard Deviation							12.1	12.1	12.1	12.1	12.1
CV							14.37	14.37	14.37	14.37	14.37
Replicate F							1.000	1.000	1.000	1.000	1.000
Replicate Prob(F)							0.4064	0.4064	0.4064	0.4064	0.4064
Treatment F							25.462	25.462	25.462	25.462	25.462
Treatment Prob(F)							0.0001	0.0001	0.0001	0.0001	0.0001

Trial Comments

1. Protocol: Cheminova (HGLXMAPET1502).
2. Ratings:
CI at 14, 21, 28, and 35 DA-A, describe injury symptoms.
WC at 21, 35, and 49 DA-A.
3. Soil test including sand, silt, clay.
4. Yield not requested, do not sell grain from coded treatments.
5. Photos.
6. Report daily rainfall and air temperature, and first rainfall after application.
The first rainfall following the PRE application was 0.16 inch 21 hours later.
There was a total of 6.24 inch of rainfall over 9 days following the PRE application.
There was a total of 9.14 inch of rainfall over 19 days following the PRE application.
See the following pages for complete weather data for April to June.
7. Crop injury was stunting.
8. Not harvested.