

Purdue University

PEST DEVELOPMENT

	1.
Date:	May-04-2005
Pest:	1 NONE
Density From, To:	8.0 10.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	0.5 1.0 IN
Leaves From, To:	4.0
	2.
Date:	May-26-2005
Pest:	2 ABUTILON THEOPHRASTI WABUTITHEOP
Density From, To:	8.0 10.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	0.5 1.0 IN
Leaves From, To:	6.0
	3.
Date:	May-26-2005
Pest:	3 CHENOPODIUM ALBUM WCHENOALBUM
Density From, To:	8.0 10.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	0.5 1.0 IN
Leaves From, To:	2.0 8.0
	4.
Date:	May-26-2005
Pest:	4 AMBROSIA TRIFIDA WAMBROTRIFI
Density From, To:	1.0 2.0
Unit:	PER SQUARE YARD
Stand:	
Vigor:	
Height From, To, Unit:	0.5 2.0 IN
Leaves From, To:	4.0
	5.
Date:	Jun-09-2005
Pest:	2 ABUTILON THEOPHRASTI WABUTITHEOP
Density From, To:	10.0 80.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	2.0 4.0 IN
Leaves From, To:	5.0 10.0
	6.
Date:	Jun-09-2005
Pest:	3 CHENOPODIUM ALBUM WCHENOALBUM
Density From, To:	20.0 50.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	1.0 6.0 IN
Leaves From, To:	5.0 40.0
	7.
Date:	Jun-09-2005
Pest:	4 AMBROSIA TRIFIDA WAMBROTRIFI
Density From, To:	1.0 5.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	3.0 12.0 IN
Leaves From, To:	4.0 15.0

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	8.
Date:	Jun-09-2005
Pest:	8 SETARIA FABERI WSETARFABER
Density From, To:	3.0 4.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	1.0 3.0 IN
Leaves From, To:	1.0 3.0
	9.
Date:	Jun-09-2005
Pest:	9 DIGITARIA SANGUINALIS WDIGIRSANGU
Density From, To:	1.0 6.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	1.0 1.0 IN
Leaves From, To:	1.0 21.0
	10.
Date:	Jun-21-2005
Pest:	3 CHENOPODIUM ALBUM WCHENOALBUM
Density From, To:	10.0 20.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	23.0 18.0 IN
Leaves From, To:	2.0
	11.
Date:	Jun-21-2005
Pest:	2 ABUTILON THEOPHRASTI WABUTITHEOP
Density From, To:	0.0 40.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	0.5 18.0 IN
Leaves From, To:	2.0 8.0
	12.
Date:	Jun-21-2005
Pest:	12 PANICUM DICHOTOMIFLORUM WPANICDICHO
Density From, To:	30.0 100.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	3.0 16.0 IN
Leaves From, To:	8.0
	13.
Date:	Jun-21-2005
Pest:	13 AMBROSIA TRIFIDA WAMBROTRIFI
Density From, To:	50.0 150.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	0.5 2.0 IN
Leaves From, To:	5.0 6.0
	14.
Date:	Jun-21-2005
Pest:	6 CHENOPODIUM ALBUM WCHENOALBUM
Density From, To:	0.0 10.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	2.0 1.0 IN
Leaves From, To:	4.0

WEATHER DESCRIPTION

1. Date: May-04-2005 Air Temp. from: 78.0 to: _____ Unit: F % Rel. Humidity:
 23.0 Wind Velocity from: 0.0 to: 2.0 Unit: MPH
 Wind Direction: S Wind Speed Comment: _____ Sky Condition: 0%
 Cloud Cover Sky Condition after: _____
 Rain 24 Hours before: _____ Rain after: _____ Rain 24 Hours after: _____
 Meteo Station: _____
 Comment: _____

2. Date: May-26-2005 Air Temp. from: 58.0 to: _____ Unit: F % Rel. Humidity:
 72.0 Wind Velocity from: 2.0 to: 6.0 Unit: MPH
 Wind Direction: SSE Wind Speed Comment: _____ Sky Condition: 95%
 Cloud Cover Sky Condition after: _____
 Rain 24 Hours before: _____ Rain after: _____ Rain 24 Hours after: _____
 Meteo Station: _____
 Comment: _____

3. Date: Jun-09-2005 Air Temp. from: 77.0 to: _____ Unit: F % Rel. Humidity:
 78.0 Wind Velocity from: 0.0 to: 2.0 Unit: MPH
 Wind Direction: S Wind Speed Comment: _____ Sky Condition: 90%
 Cloud Cover Sky Condition after: _____
 Rain 24 Hours before: _____ Rain after: _____ Rain 24 Hours after: _____
 Meteo Station: _____
 Comment: _____

4. Date: Jun-21-2005 Air Temp. from: 66.0 to: _____ Unit: F % Rel. Humidity:
 74.5 Wind Velocity from: 0.0 to: 2.0 Unit: MPH
 Wind Direction: W Wind Speed Comment: _____ Sky Condition: 25%
 Cloud Cover Sky Condition after: _____
 Rain 24 Hours before: _____ Rain after: _____ Rain 24 Hours after: _____
 Meteo Station: _____
 Comment: _____

SOIL DESCRIPTION

No.	Date	Soil Temp.	Unit	Soil Moisture Condition
1.	May-04-2005	53.0	F	Dry
2.	May-26-2005	54.0	F	Dry Surface
3.	Jun-09-2005	70.0	F	Moist
4.	Jun-21-2005	66.0	F	Between Moist/Dry

APPLICATION

	A	B	C
Application Date/Time:	May-04-2005 09:28 AM	May-26-2005 07:13 AM	Jun-09-2005 08:03 AM
Target (Crop):	1 CCORFI	2 CCORFI	3 CCORFI
Variety (Crop):	DKC58-73 RR	DKC58-73 RR	DKC58-73 RR
Development (Crop):	PREPLA [PLAN]	EAPOCR [PLAN]	POSPOS [PLAN]
Application Equipment:	BACSPR	BACSPR	BACSPR
Pressure, Unit:	28.0 PSI	28.0 PSI	28.0 PSI
Nozzle Type:	FLAFAN	FLAFAN	FLAFAN
Nozzle Description:	XR11002VS	XR11002VS	XR11002VS
Nozzle Spacing, Unit:	20.0 IN	20.0 IN	20.0 IN
Ground Speed, Unit:	3.0 MPH	3.0 MPH	3.0 MPH
Nozzle Filter Mesh:	50	50	50
Spray Volume, Unit:	15.0 GPA	15.0 GPA	15.0 GPA
Propellent:	COMCO2	COMCO2	COMCO2
Application Method:	NONINC	NONINC	NONINC
Application Timing:	PREPRE [P]	EAPOCR [P]	POSPOS [P]
Applic. Placement:	BROSOI	BROFOL	BROFOL
	D	E	
Application Date/Time:	Jun-21-2005 07:01 AM	Jun-21-2005 07:13 AM	
Target (Crop):	CCORFI	CCORFI	
Variety (Crop):	DKC58-73 RR	DKC58-73 RR	
Development (Crop):	POSPOS [PLAN]	POSPOS [PLAN]	
Application Equipment:	BACSPR	BACSPR	
Pressure, Unit:	28.0 PSI	28.0 PSI	
Nozzle Type:	FLAFAN	FLAFAN	
Nozzle Description:	XR11002VS	XR11002VS	
Nozzle Spacing, Unit:	20.0 IN	20.0 IN	
Ground Speed, Unit:	3.0 MPH	3.0 MPH	
Nozzle Filter Mesh:	50	50	
Spray Volume, Unit:	15.0 GPA	15.0 GPA	
Propellent:	COMCO2	COMCO2	
Application Method:	NONINC	NONINC	
Application Timing:	POSPOS [P]	POSPOS [P]	
Applic. Placement:	BROFOL	BROFOL	

SOIL ANALYSIS

No.	Date	Area	Laboratory Name	pH/KCL	pH/H2O
CEC		Soil Texture			
1.	Nov-23-2004	Trial	A & L Great Lakes Laboratories, INC.	6.4	_____
5.6					

Comment:

Soil Component: % Coarse: _____ % Sand: _____ % Silt: _____ %
Clay: _____ % Organic Matter: 2.0

Soil Element: N: _____ P: 40.0 PPM K: 139.0
PPM Ca: 550.0 PPM Mg: 155.0 PPM

RAINFALL/IRRIGATION

No.	Date/Time	Area	Type	Amount	Unit
1.	May-10-2005 12:00 AM	Trial	RAIN	0.02	IN
2.	May-11-2005 12:00 AM	Trial	RAIN	0.12	IN
3.	May-12-2005 12:00 AM	Trial	RAIN	0.25	IN
4.	May-13-2005 12:00 AM	Trial	RAIN	0.23	IN
5.	May-14-2005 12:00 AM	Trial	RAIN	0.03	IN
6.	May-19-2005 12:00 AM	Trial	RAIN	0.61	IN
7.	May-20-2005 12:00 AM	Trial	RAIN	0.06	IN
8.	Jun-02-2005 12:00 AM	Trial	RAIN	0.21	IN
9.	Jun-03-2005 12:00 AM	Trial	RAIN	0.01	IN
10.	Jun-04-2005 12:00 AM	Trial	RAIN	0.67	IN
11.	Jun-11-2005 12:00 AM	Trial	RAIN	0.17	IN
12.	Jun-12-2005 12:00 AM	Trial	RAIN	0.07	IN
13.	Jun-13-2005 12:00 AM	Trial	RAIN	0.9	IN
14.	Jun-14-2005 12:00 AM	Trial	RAIN	0.14	IN
15.	Jun-29-2005 12:00 AM	Trial	RAIN	0.01	IN
16.	Jun-30-2005 12:00 AM	Trial	RAIN	0.09	IN
17.	Jul-04-2005 12:00 AM	Trial	RAIN	0.2	IN
18.	Jul-05-2005 12:00 AM	Trial	RAIN	0.06	IN
19.	Jul-12-2005 12:00 AM	Trial	RAIN	0.17	IN
20.	Jul-14-2005 12:00 AM	Trial	RAIN	0.45	IN
21.	Jul-15-2005 12:00 AM	Trial	RAIN	0.03	IN
22.	Jul-18-2005 12:00 AM	Trial	RAIN	0.57	IN
23.	Jul-20-2005 12:00 AM	Trial	RAIN	0.03	IN
24.	Jul-21-2005 12:00 AM	Trial	RAIN	0.57	IN
25.	Jul-25-2005 12:00 AM	Trial	RAIN	0.08	IN
26.	Jul-26-2005 12:00 AM	Trial	RAIN	0.84	IN
27.	Jul-27-2005 12:00 AM	Trial	RAIN	0.04	IN
28.	Aug-04-2005 12:00 AM	Trial	RAIN	0.3	IN
29.	Jun-05-2005 09:16 PM	Trial	RAIN	1.0	IN
30.	Jun-07-2005 09:16 PM	Trial	RAIN	0.56	IN
31.	Jun-21-2005 09:50 AM	Trial	SPRINKLER - LATERAL MOVE	0.6	IN
32.	Jun-27-2005 09:50 AM	Trial	SPRINKLER - LATERAL MOVE	0.6	IN
33.	Jul-01-2005 09:50 AM	Trial	SPRINKLER - LATERAL MOVE	0.6	IN
34.	Jul-05-2005 09:50 AM	Trial	SPRINKLER - LATERAL MOVE	0.6	IN
35.	Jul-11-2005 09:50 AM	Trial	SPRINKLER - LATERAL MOVE	0.6	IN
36.	Jul-13-2005 09:50 AM	Trial	SPRINKLER - LATERAL MOVE	1.2	IN
37.	Jul-18-2005 09:50 AM	Trial	SPRINKLER - LATERAL MOVE	0.6	IN
38.	Jul-19-2005 09:50 AM	Trial	SPRINKLER - LATERAL MOVE	0.6	IN
39.	Aug-01-2005 09:50 AM	Trial	SPRINKLER - LATERAL MOVE	1.2	IN

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Licensee: Dr. Bill Johnson

Title: Comparison of Application Timings of Mesotrione and Glyphosate Based Products

SE Group No. SE Name Assessment Date Assessment Type, Sub-Type Days After Last Application				1 Bleach May-26-2005 NOR RAW 22	1 Stunt May-26-2005 NOR RAW 22	2 Bleach Jun-09-2005 NOR RAW 14	2 Stunt Jun-09-2005 NOR RAW 14	3 Bleach Jun-21-2005 NOR RAW 12
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot				
1	LUMAX 3.94 SE	2760.0	GA/Ha	101 307 507 805	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	10.0 0.0 0.0 15.0	0.0 0.0 0.0 0.0
				Mean =	0.0	0.0	6.3	0.0
2	LUMAX 3.94 SE	2760.0	GA/Ha	102	0.0	0.0	0.0	0.0
2	AATREX 4L	1120.0	GA/Ha	312 605 711	3.0 0.0 0.0	5.0 0.0 0.0	0.0 20.0 10.0	0.0 0.0 0.0
				Mean =	0.8	1.3	7.5	0.0
3	LEXAR 3.7 SE	3100.0	GA/Ha	103 411 611 801	0.0 0.0 2.0 0.0	0.0 0.0 0.0 0.0	10.0 15.0 0.0 10.0	0.0 0.0 0.0 0.0
				Mean =	0.5	0.0	8.8	0.0
4	LEXAR 3.7 SE	3100.0	GA/Ha	104	0.0	0.0	0.0	0.0
4	PRINCEP 4L	1120.0	GA/Ha	401 509 704	0.0 0.0 0.0	0.0 0.0 0.0	20.0 0.0 0.0	0.0 0.0 0.0
				Mean =	0.0	0.0	5.0	0.0
5	CAMIX 3.67 SE	1650.0	GA/Ha	105		0.0	0.0	0.0
5	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	305		0.0	0.0	0.0
5	AMMONIUM SULFATE	2800.0	GPr/Ha	508 809		0.0 0.0	0.0 10.0	0.0 0.0
				Mean =	.	.	2.5	0.0
6	LUMAX 3.94 SE	2200.0	GA/Ha	106		0.0	10.0	0.0
6	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	406		0.0	20.0	0.0
6	AMMONIUM SULFATE	2800.0	GPr/Ha	604 811		0.0 0.0	25.0 0.0	0.0 0.0
				Mean =	.	.	13.8	0.0
7	LEXAR 3.7 SE	2340.0	GA/Ha	107		0.0	0.0	0.0
7	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	308		0.0	15.0	0.0
7	AMMONIUM SULFATE	2800.0	GPr/Ha	506 701		0.0 0.0	0.0 15.0	0.0 0.0
				Mean =	.	.	7.5	0.0

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SE Group No.				1	1	2	2	3
SE Name				Bleach	Stunt	Bleach	Stunt	Bleach
Assessment Date				May-26-2005	May-26-2005	Jun-09-2005	Jun-09-2005	Jun-21-2005
Assessment Type, Sub-Type				NOR RAW				
Days After Last Application				22	22	14	14	12
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot					
8 CAMIX 3.67 SE	1650.0	GA/Ha	108	0.0	0.0	0.0	0.0	0.0
8 TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	409	0.0	0.0	0.0	20.0	0.0
8 AMMONIUM SULFATE	2800.0	GPr/Ha	504	0.0	0.0	0.0	0.0	0.0
			706	0.0	0.0	0.0	0.0	0.0
			Mean =	0.0	0.0	0.0	5.0	0.0
9 LUMAX 3.94 SE	2200.0	GA/Ha	109	0.0	0.0	0.0	0.0	0.0
9 TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	408	0.0	0.0	0.0	20.0	0.0
9 AMMONIUM SULFATE	2800.0	GPr/Ha	502	0.0	2.0	0.0	5.0	0.0
			808	0.0	0.0	0.0	15.0	0.0
			Mean =	0.0	0.5	0.0	10.0	0.0
10 LEXAR 3.7 SE	2340.0	GA/Ha	110	0.0	0.0	0.0	0.0	0.0
10 TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	303	0.0	3.0	0.0	10.0	0.0
10 AMMONIUM SULFATE	2800.0	GPr/Ha	606	0.0	0.0	0.0	20.0	0.0
			803	0.0	0.0	0.0	20.0	0.0
			Mean =	0.0	0.8	0.0	12.5	0.0
11 DUAL II MAGNUM 7.6 EC	1420.0	GA/Ha	111	2.0	0.0	0.0	0.0	0.0
11 CALLISTO 4 SC (WF2795)	105.0	GA/Ha	309	0.0	0.0	0.0	0.0	0.0
11 AATREX 4L	560.0	GA/Ha	512	0.0	0.0	0.0	10.0	0.0
11 CROP OIL CONCENTRATE	1.0	%V/V	807	0.0	0.0	0.0	0.0	0.0
11 UAN	2.5	%V/V						
			Mean =	0.5	0.0	0.0	2.5	0.0
12 BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	112	0.0	0.0	0.0	0.0	0.0
12 CALLISTO 4 SC (WF2795)	105.0	GA/Ha	412	0.0	0.0	0.0	0.0	0.0
12 AATREX 4L	560.0	GA/Ha	612	0.0	0.0	0.0	0.0	0.0
12 CROP OIL CONCENTRATE	1.0	%V/V	707	0.0	0.0	0.0	0.0	0.0
12 UAN	2.5	%V/V						
			Mean =	0.0	0.0	0.0	0.0	0.0
13 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	201			0.0	0.0	0.0
13 AMMONIUM SULFATE	2800.0	GPr/Ha	407			0.0	10.0	0.0
			503			0.0	10.0	0.0
			712			0.0	0.0	0.0
			Mean =	.	.	0.0	5.0	0.0
14 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	202			0.0	15.0	0.0
14 AMMONIUM SULFATE	2800.0	GPr/Ha	403			0.0	10.0	0.0
			610			0.0	0.0	0.0
			806			0.0	10.0	0.0
			Mean =	.	.	0.0	8.8	0.0
15 ROUNDUP WEATHERMAX 4.5 SL (AE)	1260.0	GAE/Ha	203			0.0	15.0	0.0
15 AMMONIUM SULFATE	2800.0	GPr/Ha	402			0.0	10.0	0.0
			602			0.0	0.0	0.0
			710			0.0	0.0	0.0
			Mean =	.	.	0.0	6.3	0.0
16 HARNESS XTRA 5.6L	2200.0	GA/Ha	204	0.0	0.0	0.0	10.0	0.0
16 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	404	0.0	0.0	0.0	20.0	0.0
16 AMMONIUM SULFATE	2800.0	GPr/Ha	505	0.0	0.0	0.0	15.0	0.0
			709	0.0	0.0	0.0	0.0	0.0
			Mean =	0.0	0.0	0.0	11.3	0.0

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SE Group No.				1	1	2	2	3	
SE Name				Bleach	Stunt	Bleach	Stunt	Bleach	
Assessment Date				May-26-2005	May-26-2005	Jun-09-2005	Jun-09-2005	Jun-21-2005	
Assessment Type, Sub-Type				NOR RAW					
Days After Last Application				22	22	14	14	12	
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot					
17	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	205			0.0	0.0	0.0
17	AMMONIUM SULFATE	2800.0	GPr/Ha	405			0.0	10.0	0.0
17	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	511			0.0	10.0	0.0
17	AMMONIUM SULFATE	2800.0	GPr/Ha	812			0.0	0.0	0.0
				Mean =	.	.	0.0	5.0	0.0
18	CHECK UNTREATED			206	0.0	0.0	0.0	0.0	0.0
				410	0.0	0.0	0.0	0.0	0.0
				608	0.0	0.0	0.0	0.0	0.0
				702	0.0	0.0	0.0	0.0	0.0
				Mean =	0.0	0.0	0.0	0.0	0.0
19	KEYSTONE 5.25 SE	3540.0	GA/Ha	207	0.0	0.0	0.0	10.0	0.0
19	HORNET WDG 68.5 (AE)	192.0	GA/Ha	310	0.0	0.0	0.0	20.0	0.0
				609	0.0	0.0	0.0	15.0	0.0
				708	0.0	0.0	0.0	0.0	0.0
				Mean =	0.0	0.0	0.0	11.3	0.0
20	DEFINE 4 SC	526.0	GA/Ha	208	0.0	0.0	0.0	0.0	0.0
20	BALANCE PRO 4 SC	52.6	GA/Ha	301	0.0	0.0	0.0	15.0	0.0
20	AATREX 4L	1120.0	GA/Ha	603	0.0	0.0	0.0	20.0	0.0
				802	2.0	0.0	0.0	15.0	0.0
				Mean =	0.5	0.0	0.0	12.5	0.0
21	BICEP II MAGNUM 5.5 SC	1390.0	GA/Ha	209	0.0	0.0	0.0	0.0	0.0
21	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	306	0.0	0.0	0.0	15.0	0.0
21	AMMONIUM SULFATE	2800.0	GPr/Ha	510	0.0	0.0	0.0	0.0	0.0
				810	0.0	0.0	0.0	0.0	0.0
				Mean =	0.0	0.0	0.0	3.8	0.0
22	LEXAR 3.7 SE	1560.0	GA/Ha	210	0.0	0.0	0.0	0.0	0.0
22	LEXAR 3.7 SE	1560.0	GA/Ha	304	0.0	0.0	0.0	15.0	0.0
22	NIS	0.25	%V/V	601	2.0	0.0	0.0	10.0	0.0
				703	0.0	0.0	0.0	20.0	0.0
				Mean =	0.5	0.0	0.0	11.3	0.0
23	GUARDSMAN MAX 5 SC	1960.0	GA/Ha	211	0.0	0.0	0.0	0.0	0.0
23	BALANCE PRO 4 SC	52.6	GA/Ha	302	0.0	0.0	0.0	0.0	0.0
				607	0.0	0.0	0.0	10.0	0.0
				705	0.0	0.0	0.0	15.0	0.0
				Mean =	0.0	0.0	0.0	6.3	0.0
24	GUARDSMAN MAX 5 SC	1960.0	GA/Ha	212	0.0	2.0	0.0	15.0	0.0
24	MARKSMAN 3.2 SC	2700.0	GA/Ha	311	0.0	2.0	0.0	20.0	0.0
				501	0.0	5.0	0.0	25.0	0.0
				804	0.0	0.0	0.0	25.0	0.0
				Mean =	0.0	2.3	0.0	21.3	0.0

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SE Group No.				3	3	3	3	4
SE Name				Stunt	Bleach	Stunt	SETFA	PANDI
Assessment Date				Jun-21-2005	Jun-29-2005	Jun-29-2005	Jun-29-2005	Jun-29-2005
Assessment Type, Sub-Type				NOR RAW				
Days After Last Application				12	8	8	8	8
Trt	Treatment/Product Name	Product/Al Rate	Product/Al Rate Unit	Plot				
1	LUMAX 3.94 SE	2760.0	GA/Ha	101	0.0	0.0	0.0	40.0
				307	0.0	0.0	0.0	100.0
				507	0.0	0.0	0.0	100.0
				805	10.0	0.0	0.0	100.0
				Mean =	2.5	0.0	0.0	85.0
2	LUMAX 3.94 SE	2760.0	GA/Ha	102	0.0	0.0	0.0	100.0
2	AATREX 4L	1120.0	GA/Ha	312	0.0	0.0	0.0	100.0
				605	20.0	0.0	0.0	100.0
				711	5.0	0.0	0.0	95.0
				Mean =	6.3	0.0	0.0	98.8
3	LEXAR 3.7 SE	3100.0	GA/Ha	103	0.0	0.0	0.0	100.0
				411	5.0	0.0	0.0	98.0
				611	0.0	0.0	0.0	100.0
				801	5.0	0.0	0.0	100.0
				Mean =	2.5	0.0	0.0	99.5
4	LEXAR 3.7 SE	3100.0	GA/Ha	104	0.0	0.0	0.0	100.0
4	PRINCEP 4L	1120.0	GA/Ha	401	10.0	0.0	0.0	100.0
				509	0.0	0.0	0.0	100.0
				704	0.0	0.0	0.0	100.0
				Mean =	2.5	0.0	0.0	100.0
5	CAMIX 3.67 SE	1650.0	GA/Ha	105	0.0	0.0	0.0	100.0
5	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	305	0.0	0.0	0.0	100.0
5	AMMONIUM SULFATE	2800.0	GPr/Ha	508	0.0	0.0	0.0	100.0
				809	10.0	0.0	0.0	100.0
				Mean =	2.5	0.0	0.0	100.0
6	LUMAX 3.94 SE	2200.0	GA/Ha	106	10.0	0.0	0.0	100.0
6	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	406	5.0	0.0	0.0	100.0
6	AMMONIUM SULFATE	2800.0	GPr/Ha	604	20.0	0.0	0.0	100.0
				811	0.0	0.0	0.0	100.0
				Mean =	8.8	0.0	0.0	100.0
7	LEXAR 3.7 SE	2340.0	GA/Ha	107	10.0	0.0	0.0	100.0
7	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	308	5.0	0.0	0.0	100.0
7	AMMONIUM SULFATE	2800.0	GPr/Ha	506	0.0	0.0	0.0	100.0
				701	5.0	0.0	0.0	100.0
				Mean =	5.0	0.0	0.0	100.0
8	CAMIX 3.67 SE	1650.0	GA/Ha	108	5.0	0.0	0.0	100.0
8	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	409	0.0	0.0	0.0	100.0
8	AMMONIUM SULFATE	2800.0	GPr/Ha	504	10.0	0.0	0.0	100.0
				706	5.0	0.0	0.0	100.0
				Mean =	5.0	0.0	0.0	100.0
9	LUMAX 3.94 SE	2200.0	GA/Ha	109	10.0	0.0	0.0	100.0
9	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	408	10.0	0.0	0.0	100.0
9	AMMONIUM SULFATE	2800.0	GPr/Ha	502	5.0	0.0	0.0	100.0
				808	10.0	0.0	0.0	100.0
				Mean =	8.8	0.0	0.0	100.0

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SE Group No.				3	3	3	3	4	
SE Name				Stunt	Bleach	Stunt	SETFA	PANDI	
Assessment Date				Jun-21-2005	Jun-29-2005	Jun-29-2005	Jun-29-2005	Jun-29-2005	
Assessment Type, Sub-Type				NOR RAW					
Days After Last Application				12	8	8	8	8	
Trt	Treatment/Product Name	Product/Al Rate	Product/Al Rate Unit	Plot					
10	LEXAR 3.7 SE	2340.0	GA/Ha	110	10.0	0.0	0.0	100.0	100.0
10	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	303	5.0	0.0	0.0	100.0	100.0
10	AMMONIUM SULFATE	2800.0	GPr/Ha	606	15.0	0.0	0.0	100.0	100.0
				803	15.0	0.0	0.0	100.0	100.0
				Mean =	11.3	0.0	0.0	100.0	100.0
11	DUAL II MAGNUM 7.6 EC	1420.0	GA/Ha	111	10.0	0.0	0.0	85.0	90.0
11	CALLISTO 4 SC (WF2795)	105.0	GA/Ha	309	0.0	0.0	0.0	100.0	100.0
11	AATREX 4L	560.0	GA/Ha	512	15.0	0.0	0.0	100.0	100.0
11	CROP OIL CONCENTRATE	1.0	%V/V	807	0.0	0.0	0.0	100.0	95.0
11	UAN	2.5	%V/V						
				Mean =	6.3	0.0	0.0	96.3	96.3
12	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	112	10.0	0.0	0.0	100.0	85.0
12	CALLISTO 4 SC (WF2795)	105.0	GA/Ha	412	5.0	0.0	0.0	100.0	100.0
12	AATREX 4L	560.0	GA/Ha	612	0.0	0.0	0.0	100.0	98.0
12	CROP OIL CONCENTRATE	1.0	%V/V	707	3.0	0.0	0.0	100.0	100.0
12	UAN	2.5	%V/V						
				Mean =	4.5	0.0	0.0	100.0	95.8
13	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	201	0.0	0.0	0.0	88.0	90.0
13	AMMONIUM SULFATE	2800.0	GPr/Ha	407	0.0	0.0	0.0	100.0	100.0
				503	10.0	0.0	0.0	100.0	100.0
				712	0.0	0.0	0.0	100.0	100.0
				Mean =	2.5	0.0	0.0	97.0	97.5
14	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	202	5.0	0.0	0.0	98.0	100.0
14	AMMONIUM SULFATE	2800.0	GPr/Ha	403	0.0	0.0	0.0	100.0	98.0
				610	0.0	0.0	0.0	100.0	90.0
				806	5.0	0.0	0.0	100.0	95.0
				Mean =	2.5	0.0	0.0	99.5	95.8
15	ROUNDUP WEATHERMAX 4.5 SL (AE)	1260.0	GAE/Ha	203	5.0	0.0	0.0	98.0	98.0
15	AMMONIUM SULFATE	2800.0	GPr/Ha	402	0.0	0.0	0.0	100.0	100.0
				602	0.0	0.0	0.0	100.0	100.0
				710	0.0	0.0	0.0	95.0	95.0
				Mean =	1.3	0.0	0.0	98.3	98.3
16	HARNESS XTRA 5.6L	2200.0	GA/Ha	204	0.0	0.0	0.0	100.0	100.0
16	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	404	5.0	0.0	0.0	100.0	100.0
16	AMMONIUM SULFATE	2800.0	GPr/Ha	505	15.0	0.0	0.0	100.0	99.0
				709	5.0	0.0	0.0	100.0	98.0
				Mean =	6.3	0.0	0.0	100.0	99.3
17	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	205	0.0	0.0	0.0	100.0	100.0
17	AMMONIUM SULFATE	2800.0	GPr/Ha	405	5.0	0.0	0.0	100.0	100.0
17	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	511	5.0	0.0	0.0	100.0	100.0
17	AMMONIUM SULFATE	2800.0	GPr/Ha	812	0.0	0.0	0.0	95.0	100.0
				Mean =	2.5	0.0	0.0	98.8	100.0
18	CHECK UNTREATED			206	0.0	0.0	0.0	0.0	0.0
				410	0.0	0.0	0.0	0.0	0.0
				608	0.0	0.0	0.0	0.0	0.0
				702	0.0	0.0	0.0	0.0	0.0
				Mean =	0.0	0.0	0.0	0.0	0.0

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SE Group No.		5	6	7	8	8	8
SE Name		CHEAL	ABUTH	AMBTR	SETFA	PANDI	CHEAL
Assessment Date		Jun-29-2005	Jun-29-2005	Jun-29-2005	Jul-06-2005	Jul-06-2005	Jul-06-2005
Assessment Type, Sub-Type		NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW
Days After Last Application		8	8	8	15	15	15
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot				
1 LUMAX 3.94 SE	2760.0	GA/Ha	101	80.0	100.0	50.0	70.0
			307	90.0	100.0	65.0	100.0
			507	100.0	100.0	100.0	100.0
			805	100.0	100.0	100.0	90.0
			Mean =	92.5	100.0	78.8	92.5
2 LUMAX 3.94 SE	2760.0	GA/Ha	102	100.0	100.0	100.0	90.0
2 AATREX 4L	1120.0	GA/Ha	312	98.0	100.0	100.0	90.0
			605	100.0	100.0	90.0	100.0
			711	80.0	80.0	60.0	95.0
			Mean =	94.5	95.0	87.5	93.8
3 LEXAR 3.7 SE	3100.0	GA/Ha	103	100.0	100.0	100.0	100.0
			411	100.0	100.0	100.0	50.0
			611	100.0	100.0	100.0	95.0
			801	100.0	100.0	92.0	100.0
			Mean =	100.0	100.0	98.0	100.0
4 LEXAR 3.7 SE	3100.0	GA/Ha	104	100.0	100.0	100.0	100.0
4 PRINCEP 4L	1120.0	GA/Ha	401	100.0	100.0	100.0	40.0
			509	100.0	100.0	100.0	100.0
			704	100.0	100.0	100.0	100.0
			Mean =	100.0	100.0	100.0	85.0
5 CAMIX 3.67 SE	1650.0	GA/Ha	105	100.0	100.0	90.0	100.0
5 TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	305	1000.0	100.0	100.0	100.0
5 AMMONIUM SULFATE	2800.0	GPr/Ha	508	100.0	100.0	100.0	100.0
			809	100.0	100.0	100.0	100.0
			Mean =	325.0	100.0	97.5	100.0
6 LUMAX 3.94 SE	2200.0	GA/Ha	106	100.0	100.0	100.0	95.0
6 TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	406	100.0	100.0	100.0	100.0
6 AMMONIUM SULFATE	2800.0	GPr/Ha	604	100.0	100.0	100.0	100.0
			811	100.0	100.0	100.0	100.0
			Mean =	100.0	100.0	100.0	98.8
7 LEXAR 3.7 SE	2340.0	GA/Ha	107	100.0	100.0	100.0	100.0
7 TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	308	100.0	100.0	100.0	100.0
7 AMMONIUM SULFATE	2800.0	GPr/Ha	506	100.0	100.0	100.0	100.0
			701	100.0	100.0	100.0	100.0
			Mean =	100.0	100.0	100.0	100.0
8 CAMIX 3.67 SE	1650.0	GA/Ha	108	100.0	100.0	100.0	100.0
8 TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	409	100.0	100.0	100.0	100.0
8 AMMONIUM SULFATE	2800.0	GPr/Ha	504	100.0	100.0	100.0	100.0
			706	100.0	100.0	100.0	100.0
			Mean =	100.0	100.0	100.0	100.0
9 LUMAX 3.94 SE	2200.0	GA/Ha	109	100.0	100.0	100.0	100.0
9 TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	408	100.0	100.0	100.0	100.0
9 AMMONIUM SULFATE	2800.0	GPr/Ha	502	100.0	100.0	90.0	100.0
			808	100.0	100.0	100.0	100.0
			Mean =	100.0	100.0	97.5	100.0

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SE Group No.				5	6	7	8	8	8
SE Name				CHEAL	ABUTH	AMBTR	SETFA	PANDI	CHEAL
Assessment Date				Jun-29-2005	Jun-29-2005	Jun-29-2005	Jul-06-2005	Jul-06-2005	Jul-06-2005
Assessment Type, Sub-Type				NOR RAW					
Days After Last Application				8	8	8	15	15	15
Trt Treatment/Product Name	Product/Al Rate	Product/Al Rate Unit	Plot						
10 LEXAR 3.7 SE	2340.0	GA/Ha	110	100.0	100.0	100.0	100.0	100.0	100.0
10 TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	303	100.0	100.0	100.0	100.0	100.0	100.0
10 AMMONIUM SULFATE	2800.0	GPr/Ha	606	100.0	100.0	100.0	100.0	100.0	100.0
			803	100.0	100.0	100.0	100.0	100.0	100.0
			Mean =	100.0	100.0	100.0	100.0	100.0	100.0
11 DUAL II MAGNUM 7.6 EC	1420.0	GA/Ha	111	100.0	100.0	100.0	95.0	90.0	100.0
11 CALLISTO 4 SC (WF2795)	105.0	GA/Ha	309	100.0	100.0	100.0	100.0	50.0	100.0
11 AATREX 4L	560.0	GA/Ha	512	100.0	100.0	100.0	10.0	95.0	100.0
11 CROP OIL CONCENTRATE	1.0	%V/V	807	100.0	100.0	100.0	100.0	90.0	100.0
11 UAN	2.5	%V/V							
			Mean =	100.0	100.0	100.0	76.3	81.3	100.0
12 BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	112	100.0	100.0	85.0	100.0	90.0	100.0
12 CALLISTO 4 SC (WF2795)	105.0	GA/Ha	412	100.0	100.0	100.0	100.0	95.0	100.0
12 AATREX 4L	560.0	GA/Ha	612	100.0	100.0	100.0	95.0	100.0	100.0
12 CROP OIL CONCENTRATE	1.0	%V/V	707	100.0	100.0	100.0	95.0	100.0	100.0
12 UAN	2.5	%V/V							
			Mean =	100.0	100.0	96.3	97.5	96.3	100.0
13 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	201	100.0	80.0	85.0	70.0	60.0	80.0
13 AMMONIUM SULFATE	2800.0	GPr/Ha	407	95.0	98.0	100.0	90.0	100.0	98.0
			503	98.0	90.0	100.0	95.0	95.0	90.0
			712	100.0	100.0	40.0	100.0	100.0	100.0
			Mean =	98.3	92.0	81.3	88.8	88.8	92.0
14 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	202	100.0	90.0	95.0	100.0	100.0	95.0
14 AMMONIUM SULFATE	2800.0	GPr/Ha	403	100.0	100.0	100.0	95.0	95.0	100.0
			610	100.0	85.0	100.0	80.0	95.0	100.0
			806	100.0	99.0	100.0	95.0	95.0	98.0
			Mean =	100.0	93.5	98.8	92.5	96.3	98.3
15 ROUNDUP WEATHERMAX 4.5 SL (AE)	1260.0	GAE/Ha	203	90.0	88.0	80.0	100.0	100.0	95.0
15 AMMONIUM SULFATE	2800.0	GPr/Ha	402	90.0	55.0	95.0	95.0	95.0	90.0
			602	100.0	100.0	100.0	100.0	100.0	100.0
			710	80.0	80.0	60.0	100.0	100.0	90.0
			Mean =	90.0	80.8	83.8	98.8	98.8	93.8
16 HARNESS XTRA 5.6L	2200.0	GA/Ha	204	100.0	98.0	100.0	100.0	100.0	100.0
16 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	404	100.0	100.0	100.0	100.0	100.0	100.0
16 AMMONIUM SULFATE	2800.0	GPr/Ha	505	98.0	99.0	100.0	100.0	100.0	100.0
			709	100.0	98.0	100.0	90.0	100.0	100.0
			Mean =	99.5	98.8	100.0	97.5	100.0	100.0
17 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	205	100.0	98.0	100.0	100.0	100.0	100.0
17 AMMONIUM SULFATE	2800.0	GPr/Ha	405	100.0	100.0	100.0	100.0	100.0	100.0
17 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	511	100.0	100.0	100.0	100.0	100.0	100.0
17 AMMONIUM SULFATE	2800.0	GPr/Ha	812	90.0	90.0	100.0	90.0	100.0	90.0
			Mean =	97.5	97.0	100.0	97.5	100.0	97.5
18 CHECK UNTREATED			206	0.0	0.0	0.0	0.0	0.0	0.0
			410	0.0	0.0	0.0	0.0	0.0	0.0
			608	0.0	0.0	100.0	0.0	0.0	0.0
			702	0.0	0.0	0.0	0.0	0.0	0.0
			Mean =	0.0	0.0	25.0	0.0	0.0	0.0

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SE Group No.				5	6	7	8	8	8
SE Name				CHEAL	ABUTH	AMBTR	SETFA	PANDI	CHEAL
Assessment Date				Jun-29-2005	Jun-29-2005	Jun-29-2005	Jul-06-2005	Jul-06-2005	Jul-06-2005
Assessment Type, Sub-Type				NOR RAW					
Days After Last Application				8	8	8	15	15	15
Trt Treatment/Product Name	Product/Al Rate	Product/Al Rate Unit	Plot						
19 KEYSTONE 5.25 SE	3540.0	GA/Ha	207	100.0	100.0	100.0	100.0	100.0	100.0
19 HORNET WDG 68.5 (AE)	192.0	GA/Ha	310	82.0	95.0	100.0	100.0	60.0	95.0
			609	100.0	100.0	100.0	95.0	100.0	100.0
			708	100.0	100.0	100.0	95.0	100.0	100.0
			Mean =	95.5	98.8	100.0	97.5	90.0	98.8
20 DEFINE 4 SC	526.0	GA/Ha	208	100.0	98.0	95.0	100.0	100.0	100.0
20 BALANCE PRO 4 SC	52.6	GA/Ha	301	100.0	100.0	100.0	100.0	100.0	100.0
20 AATREX 4L	1120.0	GA/Ha	603	100.0	100.0	95.0	100.0	100.0	100.0
			802	100.0	100.0	100.0	100.0	100.0	100.0
			Mean =	100.0	99.5	97.5	100.0	100.0	100.0
21 BICEP II MAGNUM 5.5 SC	1390.0	GA/Ha	209	100.0	98.0	90.0	100.0	100.0	100.0
21 TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	306	100.0	100.0	100.0	100.0	100.0	100.0
21 AMMONIUM SULFATE	2800.0	GPr/Ha	510	100.0	98.0	95.0	100.0	100.0	100.0
			810	100.0	100.0	100.0	95.0	100.0	100.0
			Mean =	100.0	99.0	96.3	98.8	100.0	100.0
22 LEXAR 3.7 SE	1560.0	GA/Ha	210	100.0	100.0	100.0	100.0	100.0	100.0
22 LEXAR 3.7 SE	1560.0	GA/Ha	304	100.0	100.0	100.0	80.0	60.0	100.0
22 NIS	0.25	%V/V	601	100.0	100.0	100.0	100.0	100.0	100.0
			703	100.0	100.0	100.0	100.0	100.0	100.0
			Mean =	100.0	100.0	100.0	95.0	90.0	100.0
23 GUARDSMAN MAX 5 SC	1960.0	GA/Ha	211	100.0	80.0	70.0	100.0	80.0	0.0
23 BALANCE PRO 4 SC	52.6	GA/Ha	302	100.0	100.0	100.0	100.0	100.0	100.0
			607	100.0	100.0	100.0	90.0	100.0	100.0
			705	100.0	95.0	90.0	95.0	100.0	100.0
			Mean =	100.0	93.8	90.0	96.3	95.0	75.0
24 GUARDSMAN MAX 5 SC	1960.0	GA/Ha	212	100.0	85.0	65.0	100.0	95.0	100.0
24 MARKSMAN 3.2 SC	2700.0	GA/Ha	311	100.0	95.0	92.0	100.0	60.0	100.0
			501	100.0	100.0	97.0	100.0	100.0	100.0
			804	100.0	100.0	100.0	98.0	100.0	100.0
			Mean =	100.0	95.0	88.5	99.5	88.8	100.0

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SE Group No. SE Name Assessment Date Assessment Type, Sub-Type Days After Last Application				8 ABUTH Jul-06-2005 NOR RAW 15	8 AMBTR Jul-06-2005 NOR RAW 15	9 SETFA Sep-27-2005 NOR RAW 98	9 PANDI Sep-27-2005 NOR RAW 98	9 ABUTH Sep-27-2005 NOR RAW 98	
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot					
1	LUMAX 3.94 SE	2760.0	GA/Ha	101 307 507 805	100.0 100.0 100.0 100.0	90.0 85.0 100.0 100.0	95.0 95.0 100.0 100.0	85.0 100.0 100.0 95.0	100.0 100.0 100.0 100.0
				Mean =	100.0	93.8	97.5	95.0	100.0
2	LUMAX 3.94 SE	2760.0	GA/Ha	102	100.0	100.0	95.0	90.0	100.0
2	AATREX 4L	1120.0	GA/Ha	312 605 711	100.0 100.0 100.0	100.0 95.0 60.0	95.0 98.0 98.0	95.0 98.0 100.0	100.0 100.0 100.0
				Mean =	100.0	88.8	96.5	95.8	100.0
3	LEXAR 3.7 SE	3100.0	GA/Ha	103 411 611 801	100.0 100.0 100.0 100.0	100.0 100.0 90.0 100.0	98.0 100.0 98.0 100.0	90.0 98.0 98.0 100.0	100.0 100.0 100.0 100.0
				Mean =	100.0	97.5	99.0	96.5	100.0
4	LEXAR 3.7 SE	3100.0	GA/Ha	104	100.0	100.0	100.0	90.0	100.0
4	PRINCEP 4L	1120.0	GA/Ha	401 509 704	100.0 100.0 100.0	100.0 100.0 100.0	100.0 100.0 100.0	100.0 100.0 100.0	100.0 100.0 100.0
				Mean =	100.0	100.0	100.0	97.5	100.0
5	CAMIX 3.67 SE	1650.0	GA/Ha	105	100.0	95.0	100.0	100.0	100.0
5	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	305	100.0	100.0	100.0	100.0	100.0
5	AMMONIUM SULFATE	2800.0	GPr/Ha	508 809	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
				Mean =	100.0	98.8	100.0	100.0	100.0
6	LUMAX 3.94 SE	2200.0	GA/Ha	106	100.0	100.0	95.0	100.0	100.0
6	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	406	98.0	100.0	100.0	100.0	100.0
6	AMMONIUM SULFATE	2800.0	GPr/Ha	604 811	98.0 100.0	95.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
				Mean =	99.0	98.8	98.8	100.0	100.0
7	LEXAR 3.7 SE	2340.0	GA/Ha	107	100.0	100.0	100.0	100.0	100.0
7	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	308	98.0	100.0	100.0	98.0	100.0
7	AMMONIUM SULFATE	2800.0	GPr/Ha	506 701	100.0 100.0	100.0 98.0	100.0 100.0	100.0 100.0	100.0 100.0
				Mean =	99.5	99.5	100.0	99.5	100.0
8	CAMIX 3.67 SE	1650.0	GA/Ha	108	100.0	100.0	100.0	100.0	100.0
8	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	409	98.0	100.0	100.0	100.0	100.0
8	AMMONIUM SULFATE	2800.0	GPr/Ha	504 706	95.0 100.0	100.0 100.0	95.0 100.0	100.0 100.0	100.0 100.0
				Mean =	98.3	100.0	98.8	100.0	100.0
9	LUMAX 3.94 SE	2200.0	GA/Ha	109	100.0	100.0	100.0	100.0	100.0
9	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	408	100.0	100.0	100.0	100.0	100.0
9	AMMONIUM SULFATE	2800.0	GPr/Ha	502 808	100.0 100.0	95.0 100.0	100.0 98.0	100.0 100.0	100.0 100.0
				Mean =	100.0	98.8	99.5	100.0	100.0

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SE Group No.				8	8	9	9	9
SE Name				ABUTH	AMBTR	SETFA	PANDI	ABUTH
Assessment Date				Jul-06-2005	Jul-06-2005	Sep-27-2005	Sep-27-2005	Sep-27-2005
Assessment Type, Sub-Type				NOR RAW				
Days After Last Application				15	15	98	98	98
Trt Treatment/Product Name	Product/Al Rate	Product/Al Rate Unit	Plot					
10 LEXAR 3.7 SE	2340.0	GA/Ha	110	100.0	100.0	100.0	100.0	100.0
10 TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	303	100.0	100.0	100.0	100.0	100.0
10 AMMONIUM SULFATE	2800.0	GPr/Ha	606	100.0	100.0	100.0	100.0	100.0
			803	100.0	100.0	100.0	100.0	100.0
			Mean =	100.0	100.0	100.0	100.0	100.0
11 DUAL II MAGNUM 7.6 EC	1420.0	GA/Ha	111	100.0	100.0	100.0	95.0	100.0
11 CALLISTO 4 SC (WF2795)	105.0	GA/Ha	309	100.0	100.0	100.0	90.0	100.0
11 AATREX 4L	560.0	GA/Ha	512	100.0	100.0	100.0	100.0	100.0
11 CROP OIL CONCENTRATE	1.0	%V/V	807	100.0	100.0	100.0	90.0	100.0
11 UAN	2.5	%V/V						
			Mean =	100.0	100.0	100.0	93.8	100.0
12 BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	112	100.0	95.0	100.0	95.0	100.0
12 CALLISTO 4 SC (WF2795)	105.0	GA/Ha	412	100.0	100.0	100.0	100.0	100.0
12 AATREX 4L	560.0	GA/Ha	612	100.0	100.0	100.0	100.0	100.0
12 CROP OIL CONCENTRATE	1.0	%V/V	707	100.0	100.0	100.0	100.0	100.0
12 UAN	2.5	%V/V						
			Mean =	100.0	98.8	100.0	98.8	100.0
13 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	201	60.0	90.0	100.0	80.0	100.0
13 AMMONIUM SULFATE	2800.0	GPr/Ha	407	90.0	100.0	100.0	95.0	100.0
			503	95.0	100.0	100.0	100.0	100.0
			712	95.0	40.0	100.0	100.0	100.0
			Mean =	85.0	82.5	100.0	93.8	100.0
14 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	202	80.0	85.0	100.0	90.0	100.0
14 AMMONIUM SULFATE	2800.0	GPr/Ha	403	100.0	100.0	100.0	100.0	100.0
			610	95.0	100.0	93.0	100.0	100.0
			806	98.0	100.0	100.0	95.0	100.0
			Mean =	93.3	96.3	98.3	96.3	100.0
15 ROUNDUP WEATHERMAX 4.5 SL (AE)	1260.0	GAE/Ha	203	85.0	80.0	100.0	100.0	100.0
15 AMMONIUM SULFATE	2800.0	GPr/Ha	402	70.0	90.0	100.0	100.0	100.0
			602	100.0	100.0	100.0	100.0	100.0
			710	95.0	40.0	100.0	100.0	100.0
			Mean =	87.5	77.5	100.0	100.0	100.0
16 HARNESS XTRA 5.6L	2200.0	GA/Ha	204	100.0	100.0	100.0	100.0	100.0
16 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	404	100.0	100.0	100.0	100.0	100.0
16 AMMONIUM SULFATE	2800.0	GPr/Ha	505	100.0	100.0	100.0	100.0	100.0
			709	100.0	100.0	95.0	100.0	100.0
			Mean =	100.0	100.0	98.8	100.0	100.0
17 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	205	100.0	100.0	100.0	100.0	100.0
17 AMMONIUM SULFATE	2800.0	GPr/Ha	405	98.0	100.0	100.0	100.0	100.0
17 ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	511	95.0	100.0	100.0	100.0	100.0
17 AMMONIUM SULFATE	2800.0	GPr/Ha	812	95.0	100.0	95.0	98.0	100.0
			Mean =	97.0	100.0	98.8	99.5	100.0
18 CHECK UNTREATED			206	0.0	0.0	0.0	0.0	0.0
			410	0.0	0.0	0.0	0.0	0.0
			608	0.0	0.0	0.0	0.0	0.0
			702	0.0	0.0	0.0	0.0	0.0
			Mean =	0.0	0.0	0.0	0.0	0.0

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SE Group No.				8	8	9	9	9
SE Name				ABUTH	AMBTR	SETFA	PANDI	ABUTH
Assessment Date				Jul-06-2005	Jul-06-2005	Sep-27-2005	Sep-27-2005	Sep-27-2005
Assessment Type, Sub-Type				NOR RAW				
Days After Last Application				15	15	98	98	98
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot				
19	KEYSTONE 5.25 SE	3540.0	GA/Ha	207	85.0	100.0	100.0	100.0
19	HORNET WDG 68.5 (AE)	192.0	GA/Ha	310	80.0	100.0	100.0	95.0
				609	100.0	95.0	100.0	98.0
				708	100.0	100.0	98.0	100.0
				Mean =	91.3	98.8	99.5	98.3
20	DEFINE 4 SC	526.0	GA/Ha	208	95.0	95.0	100.0	100.0
20	BALANCE PRO 4 SC	52.6	GA/Ha	301	90.0	100.0	100.0	100.0
20	AATREX 4L	1120.0	GA/Ha	603	100.0	90.0	100.0	100.0
				802	100.0	100.0	100.0	100.0
				Mean =	96.3	96.3	100.0	100.0
21	BICEP II MAGNUM 5.5 SC	1390.0	GA/Ha	209	98.0	90.0	100.0	100.0
21	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	306	100.0	100.0	100.0	100.0
21	AMMONIUM SULFATE	2800.0	GPr/Ha	510	95.0	90.0	100.0	100.0
				810	95.0	100.0	100.0	100.0
				Mean =	97.0	95.0	100.0	100.0
22	LEXAR 3.7 SE	1560.0	GA/Ha	210	100.0	100.0	100.0	95.0
22	LEXAR 3.7 SE	1560.0	GA/Ha	304	100.0	95.0	100.0	95.0
22	NIS	0.25	%V/V	601	100.0	100.0	100.0	100.0
				703	100.0	100.0	100.0	100.0
				Mean =	100.0	98.8	100.0	97.5
23	GUARDSMAN MAX 5 SC	1960.0	GA/Ha	211	95.0	70.0	100.0	95.0
23	BALANCE PRO 4 SC	52.6	GA/Ha	302	100.0	100.0	100.0	100.0
				607	100.0	95.0	98.0	100.0
				705	95.0	95.0	100.0	100.0
				Mean =	97.5	90.0	99.5	98.8
24	GUARDSMAN MAX 5 SC	1960.0	GA/Ha	212	80.0	95.0	100.0	100.0
24	MARKSMAN 3.2 SC	2700.0	GA/Ha	311	90.0	90.0	100.0	100.0
				501	100.0	70.0	100.0	100.0
				804	85.0	100.0	100.0	95.0
				Mean =	88.8	88.8	100.0	98.3

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SE Group No.				9	9
SE Name				AMBTR	CHEAL
Assessment Date				Sep-27-2005	Sep-27-2005
Assessment Type, Sub-Type				NOR RAW	NOR RAW
Days After Last Application				98	98
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot	
1	LUMAX 3.94 SE	2760.0	GA/Ha	101	95.0
				307	100.0
				507	100.0
				805	100.0
				Mean =	98.8
2	LUMAX 3.94 SE	2760.0	GA/Ha	102	100.0
2	AATREX 4L	1120.0	GA/Ha	312	100.0
				605	100.0
				711	70.0
				Mean =	92.5
3	LEXAR 3.7 SE	3100.0	GA/Ha	103	100.0
				411	100.0
				611	100.0
				801	100.0
				Mean =	100.0
4	LEXAR 3.7 SE	3100.0	GA/Ha	104	100.0
4	PRINCEP 4L	1120.0	GA/Ha	401	100.0
				509	100.0
				704	100.0
				Mean =	100.0
5	CAMIX 3.67 SE	1650.0	GA/Ha	105	95.0
5	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	305	100.0
5	AMMONIUM SULFATE	2800.0	GPr/Ha	508	100.0
				809	100.0
				Mean =	98.8
6	LUMAX 3.94 SE	2200.0	GA/Ha	106	100.0
6	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	406	100.0
6	AMMONIUM SULFATE	2800.0	GPr/Ha	604	100.0
				811	100.0
				Mean =	100.0
7	LEXAR 3.7 SE	2340.0	GA/Ha	107	100.0
7	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	308	100.0
7	AMMONIUM SULFATE	2800.0	GPr/Ha	506	100.0
				701	100.0
				Mean =	100.0
8	CAMIX 3.67 SE	1650.0	GA/Ha	108	100.0
8	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	409	100.0
8	AMMONIUM SULFATE	2800.0	GPr/Ha	504	100.0
				706	100.0
				Mean =	100.0
9	LUMAX 3.94 SE	2200.0	GA/Ha	109	100.0
9	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	408	100.0
9	AMMONIUM SULFATE	2800.0	GPr/Ha	502	90.0
				808	100.0
				Mean =	97.5

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SE Group No.				9	9
SE Name				AMBTR	CHEAL
Assessment Date				Sep-27-2005	Sep-27-2005
Assessment Type, Sub-Type				NOR RAW	NOR RAW
Days After Last Application				98	98
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot	
10	LEXAR 3.7 SE	2340.0	GA/Ha	110	100.0
10	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	303	100.0
10	AMMONIUM SULFATE	2800.0	GPr/Ha	606	100.0
				803	100.0
				Mean =	100.0
11	DUAL II MAGNUM 7.6 EC	1420.0	GA/Ha	111	100.0
11	CALLISTO 4 SC (WF2795)	105.0	GA/Ha	309	100.0
11	AATREX 4L	560.0	GA/Ha	512	100.0
11	CROP OIL CONCENTRATE	1.0	%V/V	807	100.0
11	UAN	2.5	%V/V		100.0
				Mean =	100.0
12	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	112	100.0
12	CALLISTO 4 SC (WF2795)	105.0	GA/Ha	412	100.0
12	AATREX 4L	560.0	GA/Ha	612	100.0
12	CROP OIL CONCENTRATE	1.0	%V/V	707	100.0
12	UAN	2.5	%V/V		100.0
				Mean =	100.0
13	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	201	90.0
13	AMMONIUM SULFATE	2800.0	GPr/Ha	407	100.0
				503	90.0
				712	98.0
				Mean =	94.5
14	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	202	100.0
14	AMMONIUM SULFATE	2800.0	GPr/Ha	403	100.0
				610	100.0
				806	100.0
				Mean =	100.0
15	ROUNDUP WEATHERMAX 4.5 SL (AE)	1260.0	GAE/Ha	203	100.0
15	AMMONIUM SULFATE	2800.0	GPr/Ha	402	95.0
				602	100.0
				710	98.0
				Mean =	98.3
16	HARNESS XTRA 5.6L	2200.0	GA/Ha	204	100.0
16	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	404	100.0
16	AMMONIUM SULFATE	2800.0	GPr/Ha	505	100.0
				709	100.0
				Mean =	100.0
17	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	205	100.0
17	AMMONIUM SULFATE	2800.0	GPr/Ha	405	100.0
17	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	511	100.0
17	AMMONIUM SULFATE	2800.0	GPr/Ha	812	100.0
				Mean =	100.0
18	CHECK UNTREATED			206	0.0
				410	0.0
				608	0.0
				702	0.0
				Mean =	0.0

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SE Group No.				9	9
SE Name				AMBTR	CHEAL
Assessment Date				Sep-27-2005	Sep-27-2005
Assessment Type, Sub-Type				NOR RAW	NOR RAW
Days After Last Application				98	98
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot	
19	KEYSTONE 5.25 SE	3540.0	GA/Ha	207	100.0
19	HORNET WDG 68.5 (AE)	192.0	GA/Ha	310	100.0
				609	100.0
				708	100.0
				Mean =	100.0
20	DEFINE 4 SC	526.0	GA/Ha	208	100.0
20	BALANCE PRO 4 SC	52.6	GA/Ha	301	100.0
20	AATREX 4L	1120.0	GA/Ha	603	100.0
				802	100.0
				Mean =	100.0
21	BICEP II MAGNUM 5.5 SC	1390.0	GA/Ha	209	95.0
21	TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha	306	100.0
21	AMMONIUM SULFATE	2800.0	GPr/Ha	510	93.0
				810	100.0
				Mean =	97.0
22	LEXAR 3.7 SE	1560.0	GA/Ha	210	100.0
22	LEXAR 3.7 SE	1560.0	GA/Ha	304	100.0
22	NIS	0.25	%V/V	601	100.0
				703	100.0
				Mean =	100.0
23	GUARDSMAN MAX 5 SC	1960.0	GA/Ha	211	90.0
23	BALANCE PRO 4 SC	52.6	GA/Ha	302	100.0
				607	98.0
				705	93.0
				Mean =	95.3
24	GUARDSMAN MAX 5 SC	1960.0	GA/Ha	212	100.0
24	MARKSMAN 3.2 SC	2700.0	GA/Ha	311	98.0
				501	95.0
				804	100.0
				Mean =	98.3
					100.0

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Licensee: Dr. Bill Johnson

Title: Comparison of Application Timings of Mesotrione and Glyphosate Based Products

SE Group No.	SE Name	Assessment Date	Assessment Type, Sub-Type	Days After Last Application	1 Bleach May-26-2005 NOR RAW 22	1 Stunt May-26-2005 NOR RAW 22	2 Bleach Jun-09-2005 NOR RAW 14	2 Stunt Jun-09-2005 NOR RAW 14	3 Bleach Jun-21-2005 NOR RAW 12	3 Stunt Jun-21-2005 NOR RAW 12
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit							
1	LUMAX 3.94 SE	2760.0	GA/Ha		0.0 a	0.0 a	0.0 a	6.3 ab	0.0 a	2.5 ab
2	LUMAX 3.94 SE AATREX 4L	2760.0 1120.0	GA/Ha GA/Ha		0.8 a	1.3 a	0.0 a	7.5 ab	0.0 a	6.3 ab
3	LEXAR 3.7 SE	3100.0	GA/Ha		0.5 a	0.0 a	0.0 a	8.8 ab	0.0 a	2.5 ab
4	LEXAR 3.7 SE PRINCEP 4L	3100.0 1120.0	GA/Ha GA/Ha		0.0 a	0.0 a	0.0 a	5.0 ab	0.0 a	2.5 ab
5	CAMIX 3.67 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	1650.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha				0.0 a	2.5 ab	0.0 a	2.5 ab
6	LUMAX 3.94 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2200.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha				0.0 a	13.8 ab	0.0 a	8.8 ab
7	LEXAR 3.7 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2340.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha				0.0 a	7.5 ab	0.0 a	5.0 ab
8	CAMIX 3.67 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	1650.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha		0.0 a	0.0 a	0.0 a	5.0 ab	0.0 a	5.0 ab
9	LUMAX 3.94 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2200.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha		0.0 a	0.5 a	0.0 a	10.0 ab	0.0 a	8.8 ab
10	LEXAR 3.7 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2340.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha		0.0 a	0.8 a	0.0 a	12.5 ab	0.0 a	11.3 ab
11	DUAL II MAGNUM 7.6 EC CALLISTO 4 SC (WF2795) AATREX 4L CROP OIL CONCENTRATE UAN	1420.0 105.0 560.0 1.0 2.5	GA/Ha GA/Ha GA/Ha %V/V %V/V		0.5 a	0.0 a	0.0 a	2.5 ab	0.0 a	6.3 ab
12	BICEP II MAGNUM 5.5 SC CALLISTO 4 SC (WF2795) AATREX 4L CROP OIL CONCENTRATE UAN	3240.0 105.0 560.0 1.0 2.5	GA/Ha GA/Ha GA/Ha %V/V %V/V		0.0 a	0.0 a	0.0 a	0.0 b	0.0 a	4.5 ab
13	ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	870.0 2800.0	GAE/Ha GPr/Ha				0.0 a	5.0 ab	0.0 a	2.5 ab
14	ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	870.0 2800.0	GAE/Ha GPr/Ha				0.0 a	8.8 ab	0.0 a	2.5 ab
15	ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	1260.0 2800.0	GAE/Ha GPr/Ha				0.0 a	6.3 ab	0.0 a	1.3 ab

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SE Group No.			1	1	2	2	3	3	
SE Name			Bleach	Stunt	Bleach	Stunt	Bleach	Stunt	
Assessment Date			May-26-2005	May-26-2005	Jun-09-2005	Jun-09-2005	Jun-21-2005	Jun-21-2005	
Assessment Type, Sub-Type			NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	
Days After Last Application			22	22	14	14	12	12	
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit						
16	HARNESXTRA 5.6L ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	2200.0 870.0 2800.0	GA/Ha GAE/Ha GPr/Ha	0.0 a	0.0 a	0.0 a	11.3 ab	0.0 a	6.3 ab
17	ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	870.0 2800.0 870.0 2800.0	GAE/Ha GPr/Ha GAE/Ha GPr/Ha			0.0 a	5.0 ab	0.0 a	2.5 ab
18	CHECK UNTREATED			0.0 a	0.0 a	0.0 a	0.0 b	0.0 a	0.0 b
19	KEYSTONE 5.25 SE HORNET WDG 68.5 (AE)	3540.0 192.0	GA/Ha GA/Ha	0.0 a	0.0 a	0.0 a	11.3 ab	0.0 a	6.3 ab
20	DEFINE 4 SC BALANCE PRO 4 SC AATREX 4L	526.0 52.6 1120.0	GA/Ha GA/Ha GA/Ha	0.5 a	0.0 a	0.0 a	12.5 ab	0.0 a	7.5 ab
21	BICEP II MAGNUM 5.5 SC TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	1390.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	0.0 a	0.0 a	0.0 a	3.8 ab	0.0 a	2.5 ab
22	LEXAR 3.7 SE LEXAR 3.7 SE NIS	1560.0 1560.0 0.25	GA/Ha GA/Ha %V/V	0.5 a	0.0 a	0.0 a	11.3 ab	0.0 a	6.3 ab
23	GUARDSMAN MAX 5 SC BALANCE PRO 4 SC	1960.0 52.6	GA/Ha GA/Ha	0.0 a	0.0 a	0.0 a	6.3 ab	0.0 a	3.8 ab
24	GUARDSMAN MAX 5 SC MARKSMAN 3.2 SC	1960.0 2700.0	GA/Ha GA/Ha	0.0 a	2.3 a	0.0 a	21.3 a	0.0 a	15.0 a
LSD (P=.05)				0.89	1.26	0.00	10.21	0.00	7.87
Standard Deviation				0.62	0.88	0.00	7.22	0.00	5.57
CV				384.69	316.59	0.0	94.31	0.0	109.48
Bartlett's X2				0.894	2.502	0.0	6.427	0.0	21.037
P(Bartlett's X2)				0.925	0.475	.	0.999	.	0.518
Replicate F				0.139	1.572	0.000	3.895	0.000	2.329
Replicate Prob(F)				0.9360	0.2082	1.0000	0.0124	1.0000	0.0820
Treatment F				0.722	1.952	0.000	1.786	0.000	1.527
Treatment Prob(F)				0.7586	0.0380	1.0000	0.0340	1.0000	0.091

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Purdue University

SE Group No. SE Name Assessment Date Assessment Type, Sub-Type Days After Last Application			3 Bleach Jun-29-2005 NOR RAW 8	3 Stunt Jun-29-2005 NOR RAW 8	3 SETFA Jun-29-2005 NOR RAW 8	4 PANDI Jun-29-2005 NOR RAW 8	5 CHEAL Jun-29-2005 NOR RAW 8	6 ABUTH Jun-29-2005 NOR RAW 8
Trt Treatment/Product Name	Product/Al Rate	Product/Al Rate Unit						
1 LUMAX 3.94 SE	2760.0	GA/Ha	0.0 a	0.0 a	85.0 a	82.0 a	92.5 ab	100.0 a
2 LUMAX 3.94 SE AATREX 4L	2760.0 1120.0	GA/Ha GA/Ha	0.0 a	0.0 a	98.8 a	93.3 a	94.5 ab	95.0 a
3 LEXAR 3.7 SE	3100.0	GA/Ha	0.0 a	0.0 a	99.5 a	95.0 a	100.0 ab	100.0 a
4 LEXAR 3.7 SE PRINCEP 4L	3100.0 1120.0	GA/Ha GA/Ha	0.0 a	0.0 a	100.0 a	91.3 a	100.0 ab	100.0 a
5 CAMIX 3.67 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	1650.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	0.0 a	0.0 a	100.0 a	100.0 a	325.0 a	100.0 a
6 LUMAX 3.94 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2200.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	0.0 a	0.0 a	100.0 a	100.0 a	100.0 ab	100.0 a
7 LEXAR 3.7 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2340.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	0.0 a	0.0 a	100.0 a	100.0 a	100.0 ab	100.0 a
8 CAMIX 3.67 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	1650.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	0.0 a	0.0 a	100.0 a	100.0 a	100.0 ab	100.0 a
9 LUMAX 3.94 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2200.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	0.0 a	0.0 a	100.0 a	100.0 a	100.0 ab	100.0 a
10 LEXAR 3.7 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2340.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	0.0 a	0.0 a	100.0 a	100.0 a	100.0 ab	100.0 a
11 DUAL II MAGNUM 7.6 EC CALLISTO 4 SC (WF2795) AATREX 4L CROP OIL CONCENTRATE UAN	1420.0 105.0 560.0 1.0 2.5	GA/Ha GA/Ha GA/Ha %V/V %V/V	0.0 a	0.0 a	96.3 a	96.3 a	100.0 ab	100.0 a
12 BICEP II MAGNUM 5.5 SC CALLISTO 4 SC (WF2795) AATREX 4L CROP OIL CONCENTRATE UAN	3240.0 105.0 560.0 1.0 2.5	GA/Ha GA/Ha GA/Ha %V/V %V/V	0.0 a	0.0 a	100.0 a	95.8 a	100.0 ab	100.0 a
13 ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	870.0 2800.0	GAE/Ha GPr/Ha	0.0 a	0.0 a	97.0 a	97.5 a	98.3 ab	92.0 a
14 ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	870.0 2800.0	GAE/Ha GPr/Ha	0.0 a	0.0 a	99.5 a	95.8 a	100.0 ab	93.5 a
15 ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	1260.0 2800.0	GAE/Ha GPr/Ha	0.0 a	0.0 a	98.3 a	98.3 a	90.0 ab	80.8 b
16 HARNESS XTRA 5.6L ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	2200.0 870.0 2800.0	GA/Ha GAE/Ha GPr/Ha	0.0 a	0.0 a	100.0 a	99.3 a	99.5 ab	98.8 a
17 ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	870.0 2800.0 870.0 2800.0	GAE/Ha GPr/Ha GAE/Ha GPr/Ha	0.0 a	0.0 a	98.8 a	100.0 a	97.5 ab	97.0 a
18 CHECK UNTREATED			0.0 a	0.0 a	0.0 b	0.0 b	0.0 b	0.0 c
19 KEYSTONE 5.25 SE HORNET WDG 68.5 (AE)	3540.0 192.0	GA/Ha GA/Ha	0.0 a	0.0 a	99.5 a	99.5 a	95.5 ab	98.8 a
20 DEFINE 4 SC BALANCE PRO 4 SC AATREX 4L	526.0 52.6 1120.0	GA/Ha GA/Ha GA/Ha	0.0 a	0.0 a	100.0 a	100.0 a	100.0 ab	99.5 a

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SE Group No.	3	3	3	4	5	6		
SE Name	Bleach	Stunt	SETFA	PANDI	CHEAL	ABUTH		
Assessment Date	Jun-29-2005	Jun-29-2005	Jun-29-2005	Jun-29-2005	Jun-29-2005	Jun-29-2005		
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW		
Days After Last Application	8	8	8	8	8	8		
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit						
21 BICEP II MAGNUM 5.5 SC TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	1390.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	0.0 a	0.0 a	100.0 a	100.0 a	100.0 ab	99.0 a
22 LEXAR 3.7 SE LEXAR 3.7 SE NIS	1560.0 1560.0 0.25	GA/Ha GA/Ha %V/V	0.0 a	0.0 a	100.0 a	99.5 a	100.0 ab	100.0 a
23 GUARDSMAN MAX 5 SC BALANCE PRO 4 SC	1960.0 52.6	GA/Ha GA/Ha	0.0 a	0.0 a	100.0 a	95.0 a	100.0 ab	93.8 a
24 GUARDSMAN MAX 5 SC MARKSMAN 3.2 SC	1960.0 2700.0	GA/Ha GA/Ha	0.0 a	0.0 a	100.0 a	98.3 a	100.0 ab	95.0 a
LSD (P=.05)	0.00	0.00	9.03	10.41	130.13	8.06		
Standard Deviation	0.00	0.00	6.38	7.36	92.01	5.70		
CV	0.0	0.0	6.74	7.9	88.59	6.1		
Bartlett's X2	0.0	0.0	65.447	65.547	134.045	40.803		
P(Bartlett's X2)	.	.	0.001*	0.001*	0.001*	0.001*		
Replicate F	0.000	0.000	1.871	4.201	0.961	0.696		
Replicate Prob(F)	1.0000	1.0000	0.1426	0.0087	0.4162	0.5577		
Treatment F	0.000	0.000	40.882	30.309	1.242	51.190		
Treatment Prob(F)	1.0000	1.0000	0.0001	0.0001	0.2415	0.0001		

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Purdue University

SE Group No.			7	8	8	8	8	8
SE Name			AMBTR	SETFA	PANDI	CHEAL	ABUTH	AMBTR
Assessment Date			Jun-29-2005	Jul-06-2005	Jul-06-2005	Jul-06-2005	Jul-06-2005	Jul-06-2005
Assessment Type, Sub-Type			NOR RAW					
Days After Last Application			8	15	15	15	15	15
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit						
1 LUMAX 3.94 SE	2760.0	GA/Ha	78.8 a	92.5 a	82.5 a	91.3 a	100.0 a	93.8 a
2 LUMAX 3.94 SE AATREX 4L	2760.0 1120.0	GA/Ha GA/Ha	87.5 a	93.8 a	95.0 a	97.5 a	100.0 a	88.8 a
3 LEXAR 3.7 SE	3100.0	GA/Ha	98.0 a	100.0 a	83.8 a	100.0 a	100.0 a	97.5 a
4 LEXAR 3.7 SE PRINCEP 4L	3100.0 1120.0	GA/Ha GA/Ha	100.0 a	100.0 a	85.0 a	100.0 a	100.0 a	100.0 a
5 CAMIX 3.67 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	1650.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	97.5 a	100.0 a	100.0 a	100.0 a	100.0 a	98.8 a
6 LUMAX 3.94 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2200.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	100.0 a	98.8 a	100.0 a	100.0 a	99.0 a	98.8 a
7 LEXAR 3.7 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2340.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	100.0 a	100.0 a	100.0 a	100.0 a	99.5 a	99.5 a
8 CAMIX 3.67 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	1650.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	100.0 a	100.0 a	100.0 a	100.0 a	98.3 a	100.0 a
9 LUMAX 3.94 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2200.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	97.5 a	100.0 a	100.0 a	99.5 a	100.0 a	98.8 a
10 LEXAR 3.7 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2340.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	100.0 a					
11 DUAL II MAGNUM 7.6 EC CALLISTO 4 SC (WF2795) AATREX 4L CROP OIL CONCENTRATE UAN	1420.0 105.0 560.0 1.0 2.5	GA/Ha GA/Ha GA/Ha %V/V %V/V	100.0 a	76.3 a	81.3 a	100.0 a	100.0 a	100.0 a
12 BICEP II MAGNUM 5.5 SC CALLISTO 4 SC (WF2795) AATREX 4L CROP OIL CONCENTRATE UAN	3240.0 105.0 560.0 1.0 2.5	GA/Ha GA/Ha GA/Ha %V/V %V/V	96.3 a	97.5 a	96.3 a	100.0 a	100.0 a	98.8 a
13 ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	870.0 2800.0	GAE/Ha GPr/Ha	81.3 a	88.8 a	88.8 a	92.0 a	85.0 b	82.5 a
14 ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	870.0 2800.0	GAE/Ha GPr/Ha	98.8 a	92.5 a	96.3 a	98.3 a	93.3 ab	96.3 a
15 ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	1260.0 2800.0	GAE/Ha GPr/Ha	83.8 a	98.8 a	98.8 a	93.8 a	87.5 ab	77.5 a
16 HARNESS XTRA 5.6L ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	2200.0 870.0 2800.0	GA/Ha GAE/Ha GPr/Ha	100.0 a	97.5 a	100.0 a	100.0 a	100.0 a	100.0 a
17 ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	870.0 2800.0 870.0 2800.0	GAE/Ha GPr/Ha GAE/Ha GPr/Ha	100.0 a	97.5 a	100.0 a	97.5 a	97.0 ab	100.0 a
18 CHECK UNTREATED			25.0 b	0.0 b	0.0 b	0.0 b	0.0 c	0.0 b
19 KEYSTONE 5.25 SE HORNET WDG 68.5 (AE)	3540.0 192.0	GA/Ha GA/Ha	100.0 a	97.5 a	90.0 a	98.8 a	91.3 ab	98.8 a
20 DEFINE 4 SC BALANCE PRO 4 SC AATREX 4L	526.0 52.6 1120.0	GA/Ha GA/Ha GA/Ha	97.5 a	100.0 a	100.0 a	100.0 a	96.3 ab	96.3 a

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SE Group No.	7	8	8	8	8	8		
SE Name	AMBTR	SETFA	PANDI	CHEAL	ABUTH	AMBTR		
Assessment Date	Jun-29-2005	Jul-06-2005	Jul-06-2005	Jul-06-2005	Jul-06-2005	Jul-06-2005		
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW		
Days After Last Application	8	15	15	15	15	15		
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit						
21 BICEP II MAGNUM 5.5 SC TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	1390.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	96.3 a	98.8 a	100.0 a	100.0 a	97.0 ab	95.0 a
22 LEXAR 3.7 SE LEXAR 3.7 SE NIS	1560.0 1560.0 0.25	GA/Ha GA/Ha %V/V	100.0 a	95.0 a	90.0 a	100.0 a	100.0 a	98.8 a
23 GUARDSMAN MAX 5 SC BALANCE PRO 4 SC	1960.0 52.6	GA/Ha GA/Ha	90.0 a	96.3 a	95.0 a	75.0 a	97.5 a	90.0 a
24 GUARDSMAN MAX 5 SC MARKSMAN 3.2 SC	1960.0 2700.0	GA/Ha GA/Ha	88.5 a	99.5 a	88.8 a	100.0 a	88.8 ab	88.8 a
LSD (P=.05)	20.24		15.02	18.12	15.25	7.76	14.32	
Standard Deviation	14.31		10.62	12.81	10.78	5.49	10.13	
CV	15.49		11.48	14.16	11.53	5.9	11.06	
Bartlett's X2	53.978		79.041	31.494	61.11	42.456	73.001	
P(Bartlett's X2)	0.001*		0.001*	0.002*	0.001*	0.001*	0.001*	
Replicate F	2.606		0.579	3.822	1.730	2.612	1.154	
Replicate Prob(F)	0.0586		0.6307	0.0136	0.1688	0.0582	0.3335	
Treatment F	4.867		14.749	10.066	14.665	54.728	16.236	
Treatment Prob(F)	0.0001		0.0001	0.0001	0.0001	0.0001	0.0001	

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Purdue University

SE Group No.			⁹	⁹	⁹	⁹	⁹
SE Name			SETFA	PANDI	ABUTH	AMBTR	CHEAL
Assessment Date			Sep-27-2005	Sep-27-2005	Sep-27-2005	Sep-27-2005	Sep-27-2005
Assessment Type, Sub-Type			NOR RAW				
Days After Last Application			98	98	98	98	98
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit					
1 LUMAX 3.94 SE	2760.0	GA/Ha	97.5 a	95.0 a	100.0 a	98.8 a	96.3 a
2 LUMAX 3.94 SE AATREX 4L	2760.0 1120.0	GA/Ha GA/Ha	96.5 a	95.8 a	100.0 a	92.5 a	98.3 a
3 LEXAR 3.7 SE	3100.0	GA/Ha	99.0 a	96.5 a	100.0 a	100.0 a	100.0 a
4 LEXAR 3.7 SE PRINCEP 4L	3100.0 1120.0	GA/Ha GA/Ha	100.0 a	97.5 a	100.0 a	100.0 a	100.0 a
5 CAMIX 3.67 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	1650.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	100.0 a	100.0 a	100.0 a	98.8 a	100.0 a
6 LUMAX 3.94 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2200.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	98.8 a	100.0 a	100.0 a	100.0 a	100.0 a
7 LEXAR 3.7 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2340.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	100.0 a	99.5 a	100.0 a	100.0 a	100.0 a
8 CAMIX 3.67 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	1650.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	98.8 a	100.0 a	100.0 a	100.0 a	100.0 a
9 LUMAX 3.94 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2200.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	99.5 a	100.0 a	100.0 a	97.5 a	100.0 a
10 LEXAR 3.7 SE TOUCHDOWN TOTAL 4.17 SL AMMONIUM SULFATE	2340.0 880.0 2800.0	GA/Ha GAE/Ha GPr/Ha	100.0 a				
11 DUAL II MAGNUM 7.6 EC CALLISTO 4 SC (WF2795) AATREX 4L CROP OIL CONCENTRATE UAN	1420.0 105.0 560.0 1.0 2.5	GA/Ha GA/Ha GA/Ha %V/V %V/V	100.0 a	93.8 a	100.0 a	100.0 a	100.0 a
12 BICEP II MAGNUM 5.5 SC CALLISTO 4 SC (WF2795) AATREX 4L CROP OIL CONCENTRATE UAN	3240.0 105.0 560.0 1.0 2.5	GA/Ha GA/Ha GA/Ha %V/V %V/V	100.0 a	98.8 a	100.0 a	100.0 a	100.0 a
13 ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	870.0 2800.0	GAE/Ha GPr/Ha	100.0 a	93.8 a	100.0 a	94.5 a	91.5 b
14 ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	870.0 2800.0	GAE/Ha GPr/Ha	98.3 a	96.3 a	100.0 a	100.0 a	98.3 a
15 ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	1260.0 2800.0	GAE/Ha GPr/Ha	100.0 a	100.0 a	100.0 a	98.3 a	100.0 a
16 HARNESS XTRA 5.6L ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	2200.0 870.0 2800.0	GA/Ha GAE/Ha GPr/Ha	98.8 a	100.0 a	100.0 a	100.0 a	98.8 a
17 ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE ROUNDUP WEATHERMAX 4.5 SL (AE) AMMONIUM SULFATE	870.0 2800.0 870.0 2800.0	GAE/Ha GPr/Ha GAE/Ha GPr/Ha	98.8 a	99.5 a	100.0 a	100.0 a	97.8 a
18 CHECK UNTREATED			0.0 b	0.0 b	0.0 b	0.0 b	0.0 c
19 KEYSTONE 5.25 SE HORNET WDG 68.5 (AE)	3540.0 192.0	GA/Ha GA/Ha	99.5 a	98.3 a	100.0 a	100.0 a	98.8 a
20 DEFINE 4 SC BALANCE PRO 4 SC AATREX 4L	526.0 52.6 1120.0	GA/Ha GA/Ha GA/Ha	100.0 a				

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SE Group No.					
SE Name					
Assessment Date					
Assessment Type, Sub-Type					
Days After Last Application					
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit			
21 BICEP II MAGNUM 5.5 SC	1390.0	GA/Ha	100.0 a	100.0 a	100.0 a
TOUCHDOWN TOTAL 4.17 SL	880.0	GAE/Ha			
AMMONIUM SULFATE	2800.0	GPr/Ha			
22 LEXAR 3.7 SE	1560.0	GA/Ha	100.0 a	97.5 a	100.0 a
LEXAR 3.7 SE	1560.0	GA/Ha			
NIS	0.25	%V/V			
23 GUARDSMAN MAX 5 SC	1960.0	GA/Ha	99.5 a	98.8 a	100.0 a
BALANCE PRO 4 SC	52.6	GA/Ha			
24 GUARDSMAN MAX 5 SC	1960.0	GA/Ha	100.0 a	98.8 a	98.3 a
MARKSMAN 3.2 SC	2700.0	GA/Ha			
LSD (P=.05)			2.13	4.40	1.01
Standard Deviation			1.51	3.11	0.71
CV			1.59	3.31	0.75
Bartlett's X2			11.242	25.296	0.0
P(Bartlett's X2)			0.339	0.021*	0.004*
Replicate F			0.236	6.288	1.000
Replicate Prob(F)			0.8707	0.0008	0.3982
Treatment F			723.665	167.814	3261.337
Treatment Prob(F)			0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)