

Purdue University (05-PPAC-CORN-LEXAR)

Trial Origin: Indiana
 Licensee: Dr. Bill Johnson

 Title: EVALUATE LEXAR AS A CORN HERBICIDE - UNIVERSITY AND EXTENSION VERSION

SITE AND DESIGN

Plot Width: 10.0 Unit: FT Plot Length: 30.0 Unit: FT Plot Area: 300.0 Unit: FT²
 No Reps: 4 No Treats: 20
 Site Description Event Date: Aug-18-2005 Plot Items: _____ Plot Unit:
 Study Design: RACOBL

Trial Location: Field M3 **Farm/Station Name:** PPAC
County: Laporte **Farm Manager:** Jon Leuck
State/Province: IN **Street:** 11402 S. Co. Line Rd
Postal Code: 46390 **City+State/Prov:** IN
Phone Number: 219-733-2379
Weather Station: On farm site
Weather Station: 0.5 **Unit:** MI
Tillage Type: CONVENTIONAL-TILL

GENERAL TRIAL INFORMATION

CROP DEVELOPMENT

	1.
Date:	May-04-2005
Crop:	1 FIELD CORN
Variety:	DKC58-73 RR
Dev. Stage From, To:	PREPLA [PLAN]
	2.
Date:	May-18-2005
Crop:	2 FIELD CORN
Variety:	DKC58-73 RR
Dev. Stage From, To:	EAPOCR [PLAN]
Height From, To, Unit:	1.0 2.0 IN
Height Total (m):	0.04
	3.
Date:	May-26-2005
Crop:	3 FIELD CORN
Variety:	DKC58-73 RR
Dev. Stage From, To:	POSPOS [PLAN]
Height From, To, Unit:	2.0 4.0 IN
Height Total (m):	0.08
	4.
Date:	Jun-01-2005
Crop:	2 FIELD CORN
Variety:	DKC58-73 RR
	5.
Date:	Jun-09-2005
Crop:	2 FIELD CORN
Variety:	DKC58-73 RR
	6.
Date:	Jun-21-2005
Crop:	2 FIELD CORN
Variety:	DKC58-73 RR

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PEST DEVELOPMENT

	1.
Date:	May-04-2005
Pest:	1 None
	2.
Date:	May-18-2005
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
	3.
Date:	May-18-2005
Pest:	3 CHENOPODIUM ALBUM
	WCHENOALBUM
Density From, To:	5.0 8.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	0.5 1.0 IN
Leaves From, To:	2.0 4.0
	4.
Date:	May-18-2005
Pest:	4 AMBROSIA TRIFIDA
	WAMBROTRIFI
Density From, To:	3.0 5.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	1.0 2.0 IN
Leaves From, To:	2.0
	5.
Date:	May-18-2005
Pest:	5 SETARIA SP.
	WSETAR
Density From, To:	4.0 6.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	0.5 1.0 IN
	6.
Date:	May-26-2005
Pest:	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:	8.0
	7.
Date:	May-26-2005
Pest:	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

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	8.
Date:	May-26-2005
Pest:	AMBROSIA TRIFIDA WAMBROTRIFI
Density From, To:	1.0 2.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	0.5 2.0 IN
Leaves From, To:	4.0
	9.
Date:	Jun-01-2005
Pest:	1 None
	10.
Date:	Jun-09-2005
Pest:	AMBROSIA TRIFIDA WAMBROTRIFI
	11.
Date:	Jun-09-2005
Pest:	ABUTILON THEOPHRASTI WABUTITHEOP
	12.
Date:	Jun-09-2005
Pest:	CHENOPODIUM ALBUM WCHENOALBUM
	13.
Date:	Jun-09-2005
Pest:	13 SETARIA FABERI WSETARFABER
	14.
Date:	Jun-21-2005
Pest:	AMBROSIA TRIFIDA WAMBROTRIFI
Dev. Stage From, To:	
Density From, To:	5.0 10.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	4.0 30.0 IN
	15.
Date:	Jun-21-2005
Pest:	ABUTILON THEOPHRASTI WABUTITHEOP
Density From, To:	4.0 8.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	4.0 24.0 IN
	16.
Date:	Jun-21-2005
Pest:	CHENOPODIUM ALBUM WCHENOALBUM
Density From, To:	16.0 28.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	4.0 24.0 IN
	17.
Date:	Jun-21-2005
Pest:	SETARIA FABERI WSETARFABER
Dev. Stage From, To:	
Density From, To:	5.0 10.0
Unit:	PER SQUARE YARD
Height From, To, Unit:	4.0 24.0 IN

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WEATHER DESCRIPTION

1. Date: May-04-2005 Air Temp. from: _____ to: _____ Unit: _ % Rel. Humidity: _____
 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-18-2005 Air Temp. from: 78.0 to: _____ Unit: F % Rel. Humidity: 23.0
 Wind Velocity from: 3.0 to: 5.0 Unit: MPH
 Wind Direction: ESE Wind Speed Comment: _____ Sky Condition: 75% Cloud
 Cover Sky Condition after: _____
 Rain 24 Hours before: _____ Rain after: _____ Rain 24 Hours after: _____ Meteo
 Station: _____
 Comment: _____

3. 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: _____

SOIL DESCRIPTION

No.	Date	Soil Temp.	Unit	Soil Moisture Condition
1.	May-04-2005	53.0	F	Dry
2.	May-18-2005	78.0	F	Dry surface
3.	May-26-2005	54.0	F	Dry surface
4.				
5.				

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APPLICATION

	A	B	C
Application Date/Time:	May-04-2005 10:30 AM	May-18-2005 04:18 PM	May-26-2005 07:30 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]
Target (Pest):			
Development (Pest):			
Weather:			
Soil:			
Equipment Name:			
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
Nozzles/Row:			
Band Width, Unit:			
Boom Length, Unit:			
Boom Height, Unit:			
Ground Speed, Unit:	3.0 MPH	3.0 MPH	3.0 MPH
Air Volume (m3/hour):			
Nozzle Filter Mesh:	50	50	50
Incorporation Equip:			
Hours to Incorp.:			
Incorp. Depth, Unit:			
Spray Volume, Unit:	15.0 GPA	15.0 GPA	15.0 GPA
Propellent:	COMCO2	COMCO2	COMCO2
Spray PH:			
Spray CEC:			
Water Hardness:			
Ground Cover:			
Drying Condition:			
Dew Presence (Y/N):			
Application Method:	NONINC	NONINC	NONINC
Application Timing:	PREPRE [P	POSPOS [P	EAPOCR [P
Applic. Placement:	BROSOI	BROFOL	BROFOL

SOIL ANALYSIS

No.	Date	Area	Laboratory Name	pH/KCL	pH/H2O	CEC
1.	Nov-23-2004	Trial	A & L Great Lakes Laboratories, INC.	6.4	_____	5.6
% Organic Matter: 2.0						
Soil Element: N: _____ P: 40.0 PPM K: 139.0 PPM						
Ca: 550.0 PPM Mg: 155.0 PPM						

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Title: EVALUATE LEXAR AS A CORN HERBICIDE - UNIVERSITY AND EXTENSION VERSION

SE Group No.		1	2	3	4	5
SE Name		Bleach	Stunt	Bleach	Stunt	AMBTR
Pest Code						8 WAMBROTRIFI
Assessment Date		May-18-2005	May-18-2005	May-26-2005	May-26-2005	May-26-2005
Assessment Type, Sub-Type		NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW
Days After Last Application		14	14	8	8	8
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot			
1 CHECK			101	0.0	0.0	0.0
			403	0.0	0.0	0.0
			507	0.0	0.0	0.0
			807	0.0	0.0	0.0
		Mean =		0.0	0.0	0.0
2 LEXAR 3.7 SE	3100.0 GA/Ha		102	0.0	0.0	28.0
			410	0.0	0.0	100.0
			604	0.0	0.0	100.0
			709	0.0	0.0	100.0
		Mean =		0.0	0.0	82.0
3 LEXAR 3.7 SE	3630.0 GA/Ha		103	0.0	0.0	45.0
			304	0.0	0.0	100.0
			504	0.0	0.0	95.0
			810	0.0	0.0	100.0
		Mean =		0.0	0.0	85.0
4 BICEP II MAGNUM 5.5 SC	3240.0 GA/Ha		104	0.0	0.0	45.0
			401	0.0	0.0	75.0
			508	0.0	0.0	75.0
			806	0.0	0.0	100.0
		Mean =		0.0	0.0	73.8
5 LUMAX 3.94 SE	2760.0 GA/Ha		105	0.0	0.0	70.0
			404	0.0	0.0	50.0
			610	0.0	0.0	90.0
			804	0.0	0.0	100.0
		Mean =		0.0	0.0	77.5
6 LEXAR 3.7 SE	3100.0 GA/Ha		106	0.0	0.0	98.0
6 PRINCEP 4L	1120.0 GA/Ha		405	0.0	0.0	100.0
			603	0.0	0.0	100.0
			708	0.0	0.0	100.0
		Mean =		0.0	0.0	99.5
7 GUARDSMAN MAX 5 SC	2100.0 GA/Ha		107	0.0	0.0	95.0
			305	0.0	0.0	93.0
			602	0.0	0.0	100.0
			805	0.0	0.0	100.0
		Mean =		0.0	0.0	97.0

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SE Group No. SE Name Pest Code Assessment Date Assessment Type, Sub-Type Days After Last Application				1 Bleach May-18-2005 NOR RAW 14	2 Stunt May-18-2005 NOR RAW 14	3 Bleach May-26-2005 NOR RAW 8	4 Stunt May-26-2005 NOR RAW 8	5 AMBTR 8 WAMBROTRIFI May-26-2005 NOR RAW 8
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot				
8	HARNESS XTRA 5.6L	3140.0	GA/Ha	108 308 501 705	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 90.0 100.0
				Mean =	0.0	0.0	0.0	97.5
9	EPIC 58 WG	405.0	GA/Ha	109 301 609 802	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 5.0 0.0 0.0	100.0 100.0 95.0 100.0
				Mean =	0.0	0.0	1.3	98.8
10	KEYSTONE 5.25 SE	3830.0	GA/Ha	110 302 605 703	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	100.0 95.0 100.0 90.0
				Mean =	0.0	0.0	0.0	96.3
11	LEXAR 3.7 SE	3100.0	GA/Ha	201				
11	NIS	0.25	%V/V	406 503 809				
				Mean =
12	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	202				
12	NIS	0.25	%V/V	307 509 710				
				Mean =
13	GUARDSMAN MAX 5 SC	2100.0	GA/Ha	203			0.0	5.0
13	CLARITY 4 SL	560.0	GA/Ha	309			0.0	0.0
13	CROP OIL CONCENTRATE	1.0	%V/V	606 808			0.0 0.0	0.0 5.0
				Mean =	.	.	0.0	2.5
14	LEXAR 3.7 SE	3100.0	GA/Ha	204			0.0	0.0
14	NIS	0.25	%V/V	306 510 701			0.0 5.0 0.0	0.0 0.0 0.0
				Mean =	.	.	1.3	93.8
15	LUMAX 3.94 SE	2760.0	GA/Ha	205			0.0	5.0
15	NIS	0.25	%V/V	310 607 706			0.0 0.0 0.0	0.0 0.0 0.0
				Mean =	.	.	0.0	1.3
16	CINCH ATZ 5.5 SC	1160.0	GA/Ha	206	0.0	0.0	0.0	0.0
16	STEADFAST 75 WG	39.4	GA/Ha	408	0.0	0.0	0.0	0.0
16	AATREX 4L	1120.0	GA/Ha	601	0.0	0.0	0.0	0.0
16	CALLISTO 4 SC (WF2795)	70.0	GA/Ha	707	0.0	0.0	0.0	0.0
16	CROP OIL CONCENTRATE	1.0	%V/V					
16	AMMONIUM SULFATE SG	2.8	KgPr/Ha					
				Mean =	0.0	0.0	0.0	91.3

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SE Group No.	SE Name	Pest Code	Assessment Date	Assessment Type, Sub-Type	Days After Last Application	6 ABUTH 11 WABUTITHEOP May-26-2005 NOR RAW 8	7 CHEAL 6 WCHENOALBUM May-26-2005 NOR RAW 8	8 Bleach Jun-01-2005 NOR RAW 6	9 Stunt Jun-01-2005 NOR RAW 6
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot					
1	CHECK			101 403 507 807	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0			
				Mean =	0.0	0.0	.	.	
2	LEXAR 3.7 SE	3100.0	GA/Ha	102 410 604 709	100.0 98.0 100.0 100.0	100.0 100.0 100.0 100.0			
				Mean =	99.5	100.0	.	.	
3	LEXAR 3.7 SE	3630.0	GA/Ha	103 304 504 810	100.0 100.0 100.0 100.0	100.0 92.0 100.0 100.0			
				Mean =	100.0	98.0	.	.	
4	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	104 401 508 806	95.0 97.0 90.0 100.0	95.0 85.0 100.0 100.0			
				Mean =	95.5	95.0	.	.	
5	LUMAX 3.94 SE	2760.0	GA/Ha	105 404 610 804	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0			
				Mean =	100.0	100.0	.	.	
6	LEXAR 3.7 SE	3100.0	GA/Ha	106	100.0	100.0			
6	PRINCEP 4L	1120.0	GA/Ha	405 603 708	100.0 100.0 100.0	100.0 100.0 100.0			
				Mean =	100.0	100.0	.	.	
7	GUARDSMAN MAX 5 SC	2100.0	GA/Ha	107 305 602 805	93.0 95.0 93.0 100.0	95.0 50.0 100.0 100.0			
				Mean =	95.3	86.3	.	.	
8	HARNESS XTRA 5.6L	3140.0	GA/Ha	108 308 501 705	997.0 95.0 95.0 100.0	100.0 90.0 100.0 100.0			
				Mean =	321.8	97.5	.	.	
9	EPIC 58 WG	405.0	GA/Ha	109 301 609 802	100.0 100.0 100.0 100.0	100.0 85.0 100.0 100.0			
				Mean =	100.0	96.3	.	.	

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SE Group No.	SE Name	Pest Code	Assessment Date	Assessment Type, Sub-Type	Days After Last Application	6 ABUTH 11 WABUTITHEOP May-26-2005 NOR RAW 8	7 CHEAL 6 WCHENOALBUM May-26-2005 NOR RAW 8	8 Bleach Jun-01-2005 NOR RAW 6	9 Stunt Jun-01-2005 NOR RAW 6
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot					
10	KEYSTONE 5.25 SE	3830.0	GA/Ha	110 302 605 703		95.0 100.0 100.0 98.0	98.0 35.0 99.0 100.0		
				Mean =		98.3	83.0	.	.
11	LEXAR 3.7 SE	3100.0	GA/Ha	201				12.0	0.0
11	NIS	0.25	%V/V	406 503 809				10.0 12.0 10.0	0.0 0.0 0.0
				Mean =		.	.	11.0	0.0
12	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	202				0.0	0.0
12	NIS	0.25	%V/V	307 509 710				0.0 0.0 0.0	0.0 0.0 0.0
				Mean =		.	.	0.0	0.0
13	GUARDSMAN MAX 5 SC	2100.0	GA/Ha	203		100.0	95.0		
13	CLARITY 4 SL	560.0	GA/Ha	309		97.0	97.0		
13	CROP OIL CONCENTRATE	1.0	%V/V	606 808		100.0 100.0	100.0 100.0		
				Mean =		99.3	98.0	.	.
14	LEXAR 3.7 SE	3100.0	GA/Ha	204		100.0	100.0		
14	NIS	0.25	%V/V	306 510 701		100.0 100.0 100.0	100.0 100.0 100.0		
				Mean =		100.0	100.0	.	.
15	LUMAX 3.94 SE	2760.0	GA/Ha	205		95.0	100.0		
15	NIS	0.25	%V/V	310 607 706		100.0 100.0 100.0	100.0 100.0 100.0		
				Mean =		98.8	100.0	.	.
16	CINCH ATZ 5.5 SC	1160.0	GA/Ha	206		80.0	60.0	0.0	0.0
16	STEADFAST 75 WG	39.4	GA/Ha	408		55.0	93.0	0.0	0.0
16	AATREX 4L	1120.0	GA/Ha	601		75.0	100.0	0.0	5.0
16	CALLISTO 4 SC (WF2795)	70.0	GA/Ha	707		95.0	100.0	0.0	0.0
16	CROP OIL CONCENTRATE	1.0	%V/V						
16	AMMONIUM SULFATE SG	2.8	KgPr/Ha						
				Mean =		76.3	88.3	0.0	1.3
17	STEADFAST 75 WG	39.4	GA/Ha	207				5.0	0.0
17	AATREX 4L	1120.0	GA/Ha	402				5.0	0.0
17	CALLISTO 4 SC (WF2795)	70.0	GA/Ha	608				5.0	0.0
17	CROP OIL CONCENTRATE	1.0	%V/V	704				5.0	0.0
17	AMMONIUM SULFATE SG	2.8	KgPr/Ha						
				Mean =		.	.	5.0	0.0
18	LEXAR 3.7 SE	1170.0	GA/Ha	208				5.0	0.0
18	STEADFAST 75 WG	39.4	GA/Ha	409				0.0	0.0
18	NIS	0.25	%V/V	505 801				0.0 0.0	0.0 0.0
				Mean =		.	.	1.3	0.0

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SE Group No.				6	7	8	9
SE Name				ABUTH	CHEAL	Bleach	Stunt
Pest Code				11 WABUTITHEOP	6 WCHENOALBUM		
Assessment Date				May-26-2005	May-26-2005	Jun-01-2005	Jun-01-2005
Assessment Type, Sub-Type				NOR RAW	NOR RAW	NOR RAW	NOR RAW
Days After Last Application				8	8	6	6
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot			
19	STALWART XTRA 5.5 EC	2000.0	GA/Ha	209	100.0	80.0	
19	STALWART C 7.8 EC	328.0	GA/Ha	407	100.0	97.0	
19	CALLISTO 4 SC (WF2795)	140.0	GA/Ha	506	100.0	100.0	
				702	100.0	100.0	
				Mean =	100.0	94.3	.
20	STALWART XTRA 5.5 EC	1390.0	GA/Ha	210	15.0	0.0	0.0
20	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	303	90.0	10.0	0.0
				502	93.0	100.0	0.0
				803	70.0	100.0	0.0
				Mean =	67.0	52.5	0.0

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SE Group No. SE Name Pest Code Assessment Date Assessment Type, Sub-Type Days After Last Application				10 Bleach Jun-09-2005 NOR RAW 14	11 Stunt Jun-09-2005 NOR RAW 14	12 AMBTR 4 WAMBROTRIFI Jun-09-2005 NOR RAW 14	13 ABUTH 2 WABUTITHEOP Jun-09-2005 NOR RAW 14	
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot				
1	CHECK			101	0.0	0.0	0.0	0.0
				403	0.0	0.0	0.0	0.0
				507	0.0	0.0	0.0	0.0
				807	0.0	0.0	0.0	0.0
				Mean =	0.0	0.0	0.0	0.0
2	LEXAR 3.7 SE	3100.0	GA/Ha	102	5.0	15.0	85.0	100.0
				410	0.0	10.0	100.0	100.0
				604	0.0	5.0	100.0	100.0
				709	0.0	15.0	100.0	100.0
				Mean =	1.3	11.3	96.3	100.0
3	LEXAR 3.7 SE	3630.0	GA/Ha	103	0.0	0.0	40.0	80.0
				304	0.0	10.0	98.0	100.0
				504	0.0	10.0	99.0	100.0
				810	0.0	20.0	100.0	100.0
				Mean =	0.0	10.0	84.3	95.0
4	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	104	0.0	10.0	70.0	98.0
				401	0.0	0.0	90.0	80.0
				508	0.0	0.0	85.0	65.0
				806	0.0	0.0	100.0	95.0
				Mean =	0.0	2.5	86.3	84.5
5	LUMAX 3.94 SE	2760.0	GA/Ha	105	0.0	10.0	95.0	100.0
				404	0.0	20.0	95.0	97.0
				610	0.0	0.0	100.0	100.0
				804	0.0	0.0	97.0	100.0
				Mean =	0.0	7.5	96.8	99.3
6	LEXAR 3.7 SE	3100.0	GA/Ha	106	0.0	10.0	85.0	85.0
6	PRINCEP 4L	1120.0	GA/Ha	405	0.0	10.0	99.0	100.0
				603	0.0	15.0	100.0	100.0
				708	0.0	10.0	100.0	100.0
				Mean =	0.0	11.3	96.0	96.3
7	GUARDSMAN MAX 5 SC	2100.0	GA/Ha	107	0.0	15.0	80.0	80.0
				305	0.0	10.0	98.0	97.0
				602	0.0	10.0	97.0	60.0
				805	0.0	0.0	100.0	99.0
				Mean =	0.0	8.8	93.8	84.0
8	HARNESS XTRA 5.6L	3140.0	GA/Ha	108	0.0	15.0	90.0	85.0
				308	0.0	0.0	97.0	100.0
				501	0.0	5.0	90.0	90.0
				705	0.0	10.0	100.0	100.0
				Mean =	0.0	7.5	94.3	93.8
9	EPIC 58 WG	405.0	GA/Ha	109	0.0	15.0	98.0	98.0
				301	0.0	10.0	98.0	100.0
				609	0.0	10.0	93.0	100.0
				802	0.0	10.0	100.0	100.0
				Mean =	0.0	11.3	97.3	99.5

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SE Group No. SE Name Pest Code Assessment Date Assessment Type, Sub-Type Days After Last Application				10 Bleach Jun-09-2005 NOR RAW 14	11 Stunt Jun-09-2005 NOR RAW 14	12 AMBTR 4 WAMBROTRIFI Jun-09-2005 NOR RAW 14	13 ABUTH 2 WABUTITHEOP Jun-09-2005 NOR RAW 14	
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot				
10	KEYSTONE 5.25 SE	3830.0	GA/Ha	110	0.0	15.0	98.0	97.0
				302	0.0	10.0	98.0	100.0
				605	0.0	0.0	100.0	100.0
				703	0.0	10.0	90.0	95.0
				Mean =	0.0	8.8	96.5	98.0
11	LEXAR 3.7 SE	3100.0	GA/Ha	201	0.0	10.0	80.0	100.0
11	NIS	0.25	%V/V	406	0.0	20.0	99.0	100.0
				503	0.0	10.0	85.0	100.0
				809	0.0	0.0	100.0	100.0
				Mean =	0.0	10.0	91.0	100.0
12	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	202	0.0	15.0	65.0	95.0
12	NIS	0.25	%V/V	307	0.0	0.0	100.0	100.0
				509	0.0	10.0	95.0	97.0
				710	0.0	20.0	98.0	100.0
				Mean =	0.0	11.3	89.5	98.0
13	GUARDSMAN MAX 5 SC	2100.0	GA/Ha	203	0.0	10.0	80.0	100.0
13	CLARITY 4 SL	560.0	GA/Ha	309	0.0	30.0	100.0	100.0
13	CROP OIL CONCENTRATE	1.0	%V/V	606	0.0	20.0	100.0	100.0
				808	0.0	20.0	100.0	100.0
				Mean =	0.0	20.0	95.0	100.0
14	LEXAR 3.7 SE	3100.0	GA/Ha	204	0.0	10.0	95.0	100.0
14	NIS	0.25	%V/V	306	0.0	0.0	100.0	100.0
				510	0.0	0.0	85.0	100.0
				701	0.0	20.0	97.0	100.0
				Mean =	0.0	7.5	94.3	100.0
15	LUMAX 3.94 SE	2760.0	GA/Ha	205	0.0	15.0	95.0	100.0
15	NIS	0.25	%V/V	310	0.0	15.0	100.0	100.0
				607	0.0	0.0	100.0	100.0
				706	0.0	0.0	100.0	100.0
				Mean =	0.0	7.5	98.8	100.0
16	CINCH ATZ 5.5 SC	1160.0	GA/Ha	206	0.0	15.0	97.0	100.0
16	STEADFAST 75 WG	39.4	GA/Ha	408	0.0	15.0	100.0	100.0
16	AATREX 4L	1120.0	GA/Ha	601	0.0	20.0	100.0	100.0
16	CALLISTO 4 SC (WF2795)	70.0	GA/Ha	707	0.0	10.0	100.0	100.0
16	CROP OIL CONCENTRATE	1.0	%V/V					
16	AMMONIUM SULFATE SG	2.8	KgPr/Ha					
				Mean =	0.0	15.0	99.3	100.0
17	STEADFAST 75 WG	39.4	GA/Ha	207	0.0	20.0	100.0	100.0
17	AATREX 4L	1120.0	GA/Ha	402	0.0	20.0	99.0	100.0
17	CALLISTO 4 SC (WF2795)	70.0	GA/Ha	608	0.0	0.0	100.0	100.0
17	CROP OIL CONCENTRATE	1.0	%V/V	704	0.0	15.0	100.0	100.0
17	AMMONIUM SULFATE SG	2.8	KgPr/Ha					
				Mean =	0.0	13.8	99.8	100.0
18	LEXAR 3.7 SE	1170.0	GA/Ha	208	0.0	20.0	100.0	100.0
18	STEADFAST 75 WG	39.4	GA/Ha	409	0.0	20.0	100.0	100.0
18	NIS	0.25	%V/V	505	0.0	0.0	100.0	100.0
				801	0.0	20.0	100.0	100.0
				Mean =	0.0	15.0	100.0	100.0

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SE Group No. SE Name Pest Code Assessment Date Assessment Type, Sub-Type Days After Last Application				10 Bleach Jun-09-2005 NOR RAW 14	11 Stunt Jun-09-2005 NOR RAW 14	12 AMBTR 4 WAMBROTRIFI Jun-09-2005 NOR RAW 14	13 ABUTH 2 WABUTITHEOP Jun-09-2005 NOR RAW 14	
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot				
19	STALWART XTRA 5.5 EC	2000.0	GA/Ha	209	0.0	0.0	98.0	100.0
19	STALWART C 7.8 EC	328.0	GA/Ha	407	0.0	25.0	100.0	100.0
19	CALLISTO 4 SC (WF2795)	140.0	GA/Ha	506	0.0	10.0	100.0	100.0
				702	0.0	5.0	97.0	100.0
				Mean =	0.0	10.0	98.8	100.0
20	STALWART XTRA 5.5 EC	1390.0	GA/Ha	210	0.0	0.0	98.0	90.0
20	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	303	0.0	10.0	90.0	100.0
				502	0.0	0.0	80.0	97.0
				803	0.0	10.0	100.0	99.0
				Mean =	0.0	5.0	92.0	96.5

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SE Group No.				14	15	16	17
SE Name				CHEAL	SETFA	Bleach	Stunt
Pest Code				6 WCHENOALBUM	17 WSETARFABER		
Assessment Date				Jun-09-2005	Jun-09-2005	Jun-21-2005	Jun-21-2005
Assessment Type, Sub-Type				NOR RAW	NOR RAW	NOR RAW	NOR RAW
Days After Last Application				14	14	26	26
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot			
1	CHECK			101	0.0	0.0	0.0
				403	0.0	0.0	0.0
				507	0.0	0.0	0.0
				807	0.0	0.0	0.0
				Mean =	0.0	0.0	0.0
2	LEXAR 3.7 SE	3100.0	GA/Ha	102	100.0	100.0	0.0
				410	100.0	97.0	0.0
				604	100.0	100.0	0.0
				709	100.0	100.0	0.0
				Mean =	100.0	99.3	0.0
3	LEXAR 3.7 SE	3630.0	GA/Ha	103	100.0	95.0	0.0
				304	97.0	99.0	0.0
				504	100.0	99.0	0.0
				810	100.0	100.0	0.0
				Mean =	99.3	98.3	0.0
4	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	104	100.0	90.0	0.0
				401	87.0	97.0	0.0
				508	100.0	97.0	0.0
				806	100.0	95.0	0.0
				Mean =	96.8	94.8	0.0
5	LUMAX 3.94 SE	2760.0	GA/Ha	105	100.0	97.0	0.0
				404	97.0	70.0	0.0
				610	100.0	100.0	0.0
				804	100.0	97.0	0.0
				Mean =	99.3	91.0	0.0
6	LEXAR 3.7 SE 6 PRINCEP 4L	3100.0 1120.0	GA/Ha GA/Ha	106	100.0	90.0	0.0
				405	100.0	99.0	0.0
				603	100.0	100.0	0.0
				708	100.0	100.0	0.0
				Mean =	100.0	97.3	0.0
7	GUARDSMAN MAX 5 SC	2100.0	GA/Ha	107	95.0	90.0	0.0
				305	30.0	90.0	0.0
				602	95.0	90.0	0.0
				805	95.0	93.0	0.0
				Mean =	78.8	90.8	0.0
8	HARNESS XTRA 5.6L	3140.0	GA/Ha	108	95.0	100.0	0.0
				308	60.0	97.0	0.0
				501	100.0	100.0	0.0
				705	100.0	100.0	0.0
				Mean =	88.8	99.3	0.0
9	EPIC 58 WG	405.0	GA/Ha	109	100.0	100.0	0.0
				301	85.0	100.0	0.0
				609	100.0	100.0	0.0
				802	97.0	100.0	0.0
				Mean =	95.5	100.0	0.0

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SE Group No.	SE Name	Pest Code	Assessment Date	Assessment Type, Sub-Type	Days After Last Application	14 CHEAL 6 WCHENOALBUM Jun-09-2005 NOR RAW 14	15 SETFA 17 WSETARFABER Jun-09-2005 NOR RAW 14	16 Bleach Jun-21-2005 NOR RAW 26	17 Stunt Jun-21-2005 NOR RAW 26
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot					
10	KEYSTONE 5.25 SE	3830.0	GA/Ha	110		70.0	100.0	0.0	5.0
				302		40.0	100.0	0.0	0.0
				605		100.0	100.0	0.0	0.0
				703		100.0	100.0	0.0	0.0
				Mean =		77.5	100.0	0.0	1.3
11	LEXAR 3.7 SE	3100.0	GA/Ha	201		100.0	90.0	0.0	0.0
11	NIS	0.25	%V/V	406		100.0	97.0	0.0	5.0
				503		100.0	90.0	0.0	5.0
				809		100.0	97.0	0.0	0.0
				Mean =		100.0	93.5	0.0	2.5
12	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	202		90.0	60.0	0.0	0.0
12	NIS	0.25	%V/V	307		70.0	50.0	0.0	5.0
				509		100.0	85.0	0.0	0.0
				710		100.0	97.0	0.0	5.0
				Mean =		90.0	73.0	0.0	2.5
13	GUARDSMAN MAX 5 SC	2100.0	GA/Ha	203		100.0	100.0	0.0	8.0
13	CLARITY 4 SL	560.0	GA/Ha	309		100.0	100.0	0.0	25.0
13	CROP OIL CONCENTRATE	1.0	%V/V	606		100.0	97.0	0.0	10.0
				808		100.0	100.0	0.0	10.0
				Mean =		100.0	99.3	0.0	13.3
14	LEXAR 3.7 SE	3100.0	GA/Ha	204		100.0	100.0	0.0	0.0
14	NIS	0.25	%V/V	306		100.0	97.0	5.0	5.0
				510		100.0	100.0	0.0	0.0
				701		100.0	100.0	0.0	10.0
				Mean =		100.0	99.3	1.3	3.8
15	LUMAX 3.94 SE	2760.0	GA/Ha	205		100.0	100.0	0.0	0.0
15	NIS	0.25	%V/V	310		100.0	97.0	0.0	5.0
				607		100.0	100.0	0.0	0.0
				706		100.0	100.0	0.0	0.0
				Mean =		100.0	99.3	0.0	1.3
16	CINCH ATZ 5.5 SC	1160.0	GA/Ha	206		100.0	100.0	0.0	0.0
16	STEADFAST 75 WG	39.4	GA/Ha	408		100.0	100.0	0.0	5.0
16	AATREX 4L	1120.0	GA/Ha	601		100.0	100.0	0.0	5.0
16	CALLISTO 4 SC (WF2795)	70.0	GA/Ha	707		100.0	100.0	0.0	5.0
16	CROP OIL CONCENTRATE	1.0	%V/V						
16	AMMONIUM SULFATE SG	2.8	KgPr/Ha						
				Mean =		100.0	100.0	0.0	3.8
17	STEADFAST 75 WG	39.4	GA/Ha	207		100.0	100.0	0.0	5.0
17	AATREX 4L	1120.0	GA/Ha	402		100.0	100.0	0.0	10.0
17	CALLISTO 4 SC (WF2795)	70.0	GA/Ha	608		100.0	100.0	0.0	5.0
17	CROP OIL CONCENTRATE	1.0	%V/V	704		100.0	100.0	0.0	5.0
17	AMMONIUM SULFATE SG	2.8	KgPr/Ha						
				Mean =		100.0	100.0	0.0	6.3
18	LEXAR 3.7 SE	1170.0	GA/Ha	208		100.0	100.0	0.0	5.0
18	STEADFAST 75 WG	39.4	GA/Ha	409		100.0	100.0	0.0	5.0
18	NIS	0.25	%V/V	505		100.0	100.0	0.0	5.0
				801		100.0	100.0	0.0	0.0
				Mean =		100.0	100.0	0.0	3.8

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SE Group No.				14	15	16	17	
SE Name				CHEAL	SETFA	Bleach	Stunt	
Pest Code				6 WCHENOALBUM	17 WSETARFABER			
Assessment Date				Jun-09-2005	Jun-09-2005	Jun-21-2005	Jun-21-2005	
Assessment Type, Sub-Type				NOR RAW	NOR RAW	NOR RAW	NOR RAW	
Days After Last Application				14	14	26	26	
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot				
19	STALWART XTRA 5.5 EC	2000.0	GA/Ha	209	30.0	100.0	0.0	
19	STALWART C 7.8 EC	328.0	GA/Ha	407	97.0	90.0	0.0	
19	CALLISTO 4 SC (WF2795)	140.0	GA/Ha	506	100.0	90.0	0.0	
				702	100.0	99.0	0.0	5.0
				Mean =	81.8	94.8	0.0	
20	STALWART XTRA 5.5 EC	1390.0	GA/Ha	210	100.0	90.0	0.0	
20	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	303	95.0	100.0	0.0	
				502	100.0	100.0	0.0	0.0
				803	100.0	100.0	0.0	5.0
				Mean =	98.8	97.5	0.0	

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SE Group No.	SE Name	Pest Code	Assessment Date	Assessment Type, Sub-Type	Days After Last Application	18 AMBTR 4 WAMBROTRIFI Jun-21-2005 NOR RAW 26	19 ABUTH 2 WABUTITHEOP Jun-21-2005 NOR RAW 26	20 CHEAL 3 WCHENOALBUM Jun-21-2005 NOR RAW 26
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot				
1	CHECK			101	0.0	0.0	0.0	0.0
				403	0.0	0.0	0.0	0.0
				507	0.0	0.0	0.0	0.0
				807	0.0	0.0	0.0	0.0
				Mean =	0.0	0.0	0.0	0.0
2	LEXAR 3.7 SE	3100.0	GA/Ha	102	90.0	100.0	100.0	100.0
				410	100.0	100.0	100.0	100.0
				604	98.0	100.0	100.0	100.0
				709	100.0	100.0	100.0	100.0
				Mean =	97.0	100.0	100.0	100.0
3	LEXAR 3.7 SE	3630.0	GA/Ha	103	90.0	100.0	100.0	100.0
				304	100.0	100.0	100.0	100.0
				504	95.0	100.0	100.0	100.0
				810	100.0	100.0	100.0	100.0
				Mean =	96.3	100.0	100.0	100.0
4	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	104	25.0	80.0	80.0	80.0
				401	90.0	85.0	83.0	83.0
				508	70.0	93.0	100.0	100.0
				806	100.0	98.0	100.0	100.0
				Mean =	71.3	89.0	90.8	90.8
5	LUMAX 3.94 SE	2760.0	GA/Ha	105	95.0	100.0	100.0	100.0
				404	85.0	100.0	97.0	97.0
				610	98.0	100.0	100.0	100.0
				804	95.0	100.0	100.0	100.0
				Mean =	93.3	100.0	99.3	99.3
6	LEXAR 3.7 SE	3100.0	GA/Ha	106	95.0	100.0	100.0	100.0
6	PRINCEP 4L	1120.0	GA/Ha	405	98.0	100.0	100.0	100.0
				603	95.0	100.0	100.0	100.0
				708	98.0	100.0	100.0	100.0
				Mean =	96.5	100.0	100.0	100.0
7	GUARDSMAN MAX 5 SC	2100.0	GA/Ha	107	90.0	90.0	100.0	100.0
				305	90.0	90.0	40.0	40.0
				602	98.0	95.0	95.0	95.0
				805	100.0	90.0	85.0	85.0
				Mean =	94.5	91.3	80.0	80.0
8	HARNESS XTRA 5.6L	3140.0	GA/Ha	108	95.0	80.0	90.0	90.0
				308	95.0	90.0	85.0	85.0
				501	80.0	95.0	100.0	100.0
				705	95.0	100.0	100.0	100.0
				Mean =	91.3	91.3	93.8	93.8
9	EPIC 58 WG	405.0	GA/Ha	109	98.0	100.0	100.0	100.0
				301	100.0	100.0	75.0	75.0
				609	90.0	100.0	100.0	100.0
				802	100.0	100.0	98.0	98.0
				Mean =	97.0	100.0	93.3	93.3

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SE Group No.	SE Name	Pest Code	Assessment Date	Assessment Type, Sub-Type	Days After Last Application	18 AMBTR 4 WAMBROTRIFI Jun-21-2005 NOR RAW 26	19 ABUTH 2 WABUTITHEOP Jun-21-2005 NOR RAW 26	20 CHEAL 3 WCHENOALBUM Jun-21-2005 NOR RAW 26
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot				
10	KEYSTONE 5.25 SE	3830.0	GA/Ha	110 302 605 703	93.0 95.0 90.0 90.0	80.0 100.0 98.0 95.0	70.0 60.0 95.0 100.0	
				Mean =	92.0	93.3	81.3	
11	LEXAR 3.7 SE	3100.0	GA/Ha	201	83.0	100.0	100.0	
11	NIS	0.25	%V/V	406 503 809	100.0 98.0 100.0	100.0 100.0 100.0	100.0 100.0 100.0	
				Mean =	95.3	100.0	100.0	
12	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	202	70.0	98.0	60.0	
12	NIS	0.25	%V/V	307 509 710	100.0 93.0 100.0	100.0 98.0 100.0	75.0 98.0 100.0	
				Mean =	90.8	99.0	83.3	
13	GUARDSMAN MAX 5 SC	2100.0	GA/Ha	203	65.0	100.0	100.0	
13	CLARITY 4 SL	560.0	GA/Ha	309	100.0	100.0	100.0	
13	CROP OIL CONCENTRATE	1.0	%V/V	606 808	100.0 100.0	100.0 100.0	100.0 100.0	
				Mean =	91.3	100.0	100.0	
14	LEXAR 3.7 SE	3100.0	GA/Ha	204	95.0	100.0	100.0	
14	NIS	0.25	%V/V	306 510 701	100.0 95.0 98.0	100.0 100.0 100.0	100.0 100.0 100.0	
				Mean =	97.0	100.0	100.0	
15	LUMAX 3.94 SE	2760.0	GA/Ha	205	95.0	100.0	100.0	
15	NIS	0.25	%V/V	310 607 706	100.0 100.0 100.0	100.0 100.0 100.0	100.0 100.0 100.0	
				Mean =	98.8	100.0	100.0	
16	CINCH ATZ 5.5 SC	1160.0	GA/Ha	206	100.0	100.0	100.0	
16	STEADFAST 75 WG	39.4	GA/Ha	408	100.0	100.0	100.0	
16	AATREX 4L	1120.0	GA/Ha	601	100.0	100.0	100.0	
16	CALLISTO 4 SC (WF2795)	70.0	GA/Ha	707	100.0	100.0	100.0	
16	CROP OIL CONCENTRATE	1.0	%V/V					
16	AMMONIUM SULFATE SG	2.8	KgPr/Ha					
				Mean =	100.0	100.0	100.0	
17	STEADFAST 75 WG	39.4	GA/Ha	207	100.0	100.0	100.0	
17	AATREX 4L	1120.0	GA/Ha	402	100.0	100.0	100.0	
17	CALLISTO 4 SC (WF2795)	70.0	GA/Ha	608	100.0	100.0	100.0	
17	CROP OIL CONCENTRATE	1.0	%V/V	704	98.0	100.0	100.0	
17	AMMONIUM SULFATE SG	2.8	KgPr/Ha					
				Mean =	99.5	100.0	100.0	
18	LEXAR 3.7 SE	1170.0	GA/Ha	208	100.0	100.0	99.0	
18	STEADFAST 75 WG	39.4	GA/Ha	409	100.0	100.0	100.0	
18	NIS	0.25	%V/V	505 801	100.0 100.0	100.0 100.0	100.0 100.0	
				Mean =	100.0	100.0	99.8	

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SE Group No.				18	19	20	
SE Name				AMBTR	ABUTH	CHEAL	
Pest Code				4 WAMBROTRIFI	2 WABUTITHEOP	3 WCHENOALBUM	
Assessment Date				Jun-21-2005	Jun-21-2005	Jun-21-2005	
Assessment Type, Sub-Type				NOR RAW	NOR RAW	NOR RAW	
Days After Last Application				26	26	26	
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot			
19	STALWART XTRA 5.5 EC	2000.0	GA/Ha	209	100.0	100.0	25.0
19	STALWART C 7.8 EC	328.0	GA/Ha	407	100.0	100.0	98.0
19	CALLISTO 4 SC (WF2795)	140.0	GA/Ha	506	100.0	100.0	100.0
				702	98.0	100.0	100.0
				Mean =	99.5	100.0	80.8
20	STALWART XTRA 5.5 EC	1390.0	GA/Ha	210	95.0	90.0	90.0
20	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	303	90.0	100.0	95.0
				502	70.0	95.0	100.0
				803	100.0	98.0	100.0
				Mean =	88.8	95.8	96.3

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SE Group No. SE Name Pest Code Assessment Date Assessment Type, Sub-Type Days After Last Application				21 SETFA 13 WSETARFABER Jun-21-2005 NOR RAW 26	21 AMBTR Jul-06-2005 NOR RAW 41	21 ABUTH Jul-06-2005 NOR RAW 41	21 CHEAL Jul-06-2005 NOR RAW 41	21 PANDI Jul-06-2005 NOR RAW 41
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot				
1	CHECK			101 403 507 807	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
			Mean =		0.0	0.0	0.0	0.0
2	LEXAR 3.7 SE	3100.0	GA/Ha	102 410 604 709	90.0 90.0 93.0 100.0	90.0 100.0 92.0 100.0	100.0 98.0 100.0 100.0	100.0 100.0 100.0 100.0
			Mean =		93.3	95.5	99.5	78.3
3	LEXAR 3.7 SE	3630.0	GA/Ha	103 304 504 810	90.0 90.0 93.0 98.0	90.0 95.0 95.0 100.0	100.0 100.0 100.0 100.0	100.0 95.0 100.0 100.0
			Mean =		92.8	95.0	100.0	87.5
4	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	104 401 508 806	60.0 95.0 95.0 98.0	0.0 95.0 80.0 100.0	100.0 95.0 85.0 100.0	95.0 45.0 100.0 98.0
			Mean =		87.0	68.8	95.0	88.8
5	LUMAX 3.94 SE	2760.0	GA/Ha	105 404 610 804	60.0 75.0 98.0 95.0	90.0 90.0 95.0 95.0	100.0 100.0 100.0 100.0	100.0 85.0 100.0 100.0
			Mean =		82.0	92.5	100.0	63.8
6	LEXAR 3.7 SE	3100.0	GA/Ha	106	95.0	95.0	100.0	100.0
6	PRINCEP 4L	1120.0	GA/Ha	405 603 708	100.0 95.0 100.0	95.0 97.0 100.0	100.0 100.0 100.0	100.0 95.0 95.0
			Mean =		97.5	96.8	100.0	95.0
7	GUARDSMAN MAX 5 SC	2100.0	GA/Ha	107 305 602 805	78.0 90.0 95.0 98.0	85.0 100.0 100.0 100.0	85.0 100.0 80.0 85.0	100.0 0.0 95.0 95.0
			Mean =		90.3	96.3	87.5	76.8
8	HARNESS XTRA 5.6L	3140.0	GA/Ha	108 308 501 705	90.0 98.0 100.0 100.0	90.0 80.0 75.0 95.0	90.0 90.0 85.0 95.0	90.0 65.0 100.0 100.0
			Mean =		97.0	85.0	90.0	87.5
9	EPIC 58 WG	405.0	GA/Ha	109 301 609 802	98.0 100.0 98.0 100.0	100.0 95.0 80.0 100.0	100.0 100.0 100.0 100.0	100.0 90.0 100.0 98.0
			Mean =		99.0	93.8	100.0	97.0

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SE Group No. SE Name Pest Code Assessment Date Assessment Type, Sub-Type Days After Last Application				21 SETFA 13 WSETARFABER Jun-21-2005 NOR RAW 26	21 AMBTR Jul-06-2005 NOR RAW 41	21 ABUTH Jul-06-2005 NOR RAW 41	21 CHEAL Jul-06-2005 NOR RAW 41	21 PANDI Jul-06-2005 NOR RAW 41
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot				
10	KEYSTONE 5.25 SE	3830.0	GA/Ha	110	95.0	100.0	90.0	50.0
				302	100.0	40.0	90.0	40.0
				605	100.0	95.0	85.0	95.0
				703	100.0	80.0	95.0	98.0
				Mean =	98.8	78.8	90.0	70.8
11	LEXAR 3.7 SE	3100.0	GA/Ha	201	100.0	95.0	100.0	95.0
11	NIS	0.25	%V/V	406	100.0	100.0	100.0	100.0
				503	100.0	100.0	100.0	96.0
				809	100.0	100.0	100.0	100.0
				Mean =	100.0	98.8	100.0	97.8
12	BICEP II MAGNUM 5.5 SC	3240.0	GA/Ha	202	98.0	20.0	100.0	45.0
12	NIS	0.25	%V/V	307	95.0	100.0	100.0	50.0
				509	100.0	85.0	95.0	95.0
				710	98.0	95.0	100.0	100.0
				Mean =	97.8	75.0	98.8	72.5
13	GUARDSMAN MAX 5 SC	2100.0	GA/Ha	203	98.0	30.0	98.0	98.0
13	CLARITY 4 SL	560.0	GA/Ha	309	100.0	95.0	100.0	100.0
13	CROP OIL CONCENTRATE	1.0	%V/V	606	100.0	98.0	100.0	100.0
				808	100.0	100.0	98.0	100.0
				Mean =	99.5	80.8	99.0	99.5
14	LEXAR 3.7 SE	3100.0	GA/Ha	204	95.0	90.0	100.0	100.0
14	NIS	0.25	%V/V	306	90.0	100.0	100.0	100.0
				510	98.0	95.0	100.0	100.0
				701	98.0	92.0	100.0	100.0
				Mean =	95.3	94.3	100.0	100.0
15	LUMAX 3.94 SE	2760.0	GA/Ha	205	85.0	95.0	95.0	100.0
15	NIS	0.25	%V/V	310	98.0	100.0	100.0	100.0
				607	100.0	96.0	100.0	100.0
				706	98.0	100.0	100.0	100.0
				Mean =	95.3	97.8	98.8	100.0
16	CINCH ATZ 5.5 SC	1160.0	GA/Ha	206	100.0	100.0	98.0	100.0
16	STEADFAST 75 WG	39.4	GA/Ha	408	100.0	100.0	98.0	100.0
16	AATREX 4L	1120.0	GA/Ha	601	100.0	95.0	100.0	100.0
16	CALLISTO 4 SC (WF2795)	70.0	GA/Ha	707	100.0	100.0	100.0	100.0
16	CROP OIL CONCENTRATE	1.0	%V/V					
16	AMMONIUM SULFATE SG	2.8	KgPr/Ha					
				Mean =	100.0	98.8	99.0	100.0
17	STEADFAST 75 WG	39.4	GA/Ha	207	98.0	100.0	100.0	100.0
17	AATREX 4L	1120.0	GA/Ha	402	100.0	100.0	95.0	100.0
17	CALLISTO 4 SC (WF2795)	70.0	GA/Ha	608	100.0	100.0	98.0	100.0
17	CROP OIL CONCENTRATE	1.0	%V/V	704	100.0	100.0	100.0	100.0
17	AMMONIUM SULFATE SG	2.8	KgPr/Ha					
				Mean =	99.5	100.0	98.3	100.0
18	LEXAR 3.7 SE	1170.0	GA/Ha	208	99.0	100.0	98.0	100.0
18	STEADFAST 75 WG	39.4	GA/Ha	409	100.0	100.0	100.0	100.0
18	NIS	0.25	%V/V	505	100.0	100.0	99.0	100.0
				801	100.0	100.0	100.0	100.0
				Mean =	99.8	100.0	99.3	100.0

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SE Group No. SE Name Pest Code Assessment Date Assessment Type, Sub-Type Days After Last Application				21 SETFA 13 WSETARFABER Jun-21-2005 NOR RAW 26	21 AMBTR Jul-06-2005 NOR RAW 41	21 ABUTH Jul-06-2005 NOR RAW 41	21 CHEAL Jul-06-2005 NOR RAW 41	21 PANDI Jul-06-2005 NOR RAW 41	
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot					
19	STALWART XTRA 5.5 EC	2000.0	GA/Ha	209	70.0	100.0	100.0	50.0	95.0
19	STALWART C 7.8 EC	328.0	GA/Ha	407	85.0	100.0	98.0	100.0	40.0
19	CALLISTO 4 SC (WF2795)	140.0	GA/Ha	506	93.0	95.0	100.0	100.0	75.0
				702	98.0	95.0	100.0	100.0	80.0
				Mean =	86.5	97.5	99.5	87.5	72.5
20	STALWART XTRA 5.5 EC	1390.0	GA/Ha	210	90.0	95.0	90.0	95.0	95.0
20	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0	GAE/Ha	303	95.0	75.0	95.0	85.0	60.0
				502	100.0	85.0	95.0	98.0	90.0
				803	98.0	100.0	90.0	98.0	93.0
				Mean =	95.8	88.8	92.5	94.0	84.5

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Title: EVALUATE LEXAR AS A CORN HERBICIDE - UNIVERSITY AND EXTENSION VERSION

SE Group No.		1	2	3	4	5
SE Name		Bleach	Stunt	Bleach	Stunt	AMBTR
Pest Code						8 WAMBROTRIFI
Assessment Date		May-18-2005	May-18-2005	May-26-2005	May-26-2005	May-26-2005
Assessment Type, Sub-Type		NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW
Days After Last Application		14	14	8	8	8
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit			
1	CHECK			0.0 a	0.0 a	0.0 b
2	LEXAR 3.7 SE	3100.0 GA/Ha		0.0 a	0.0 a	82.0 a
3	LEXAR 3.7 SE	3630.0 GA/Ha		0.0 a	0.0 a	85.0 a
4	BICEP II MAGNUM 5.5 SC	3240.0 GA/Ha		0.0 a	0.0 a	73.8 a
5	LUMAX 3.94 SE	2760.0 GA/Ha		0.0 a	0.0 a	77.5 a
6	LEXAR 3.7 SE PRINCEP 4L	3100.0 GA/Ha 1120.0 GA/Ha		0.0 a	0.0 a	99.5 a
7	GUARDSMAN MAX 5 SC	2100.0 GA/Ha		0.0 a	0.0 a	97.0 a
8	HARNESS XTRA 5.6L	3140.0 GA/Ha		0.0 a	0.0 a	97.5 a
9	EPIC 58 WG	405.0 GA/Ha		0.0 a	0.0 a	98.8 a
10	KEYSTONE 5.25 SE	3830.0 GA/Ha		0.0 a	0.0 a	96.3 a
11	LEXAR 3.7 SE NIS	3100.0 GA/Ha 0.25 %V/V				
12	BICEP II MAGNUM 5.5 SC NIS	3240.0 GA/Ha 0.25 %V/V				
13	GUARDSMAN MAX 5 SC CLARITY 4 SL CROP OIL CONCENTRATE	2100.0 GA/Ha 560.0 GA/Ha 1.0 %V/V			0.0 a	2.5 a
14	LEXAR 3.7 SE NIS	3100.0 GA/Ha 0.25 %V/V			1.3 a	0.0 a
15	LUMAX 3.94 SE NIS	2760.0 GA/Ha 0.25 %V/V			0.0 a	1.3 a
16	CINCH ATZ 5.5 SC STEADFAST 75 WG AATREX 4L CALLISTO 4 SC (WF2795) CROP OIL CONCENTRATE AMMONIUM SULFATE SG	1160.0 GA/Ha 39.4 GA/Ha 1120.0 GA/Ha 70.0 GA/Ha 1.0 %V/V 2.8 KgPr/Ha		0.0 a	0.0 a	0.0 a
17	STEADFAST 75 WG AATREX 4L CALLISTO 4 SC (WF2795) CROP OIL CONCENTRATE AMMONIUM SULFATE SG	39.4 GA/Ha 1120.0 GA/Ha 70.0 GA/Ha 1.0 %V/V 2.8 KgPr/Ha				
18	LEXAR 3.7 SE STEADFAST 75 WG NIS	1170.0 GA/Ha 39.4 GA/Ha 0.25 %V/V				
19	STALWART XTRA 5.5 EC STALWART C 7.8 EC CALLISTO 4 SC (WF2795)	2000.0 GA/Ha 328.0 GA/Ha 140.0 GA/Ha		0.0 a	0.0 a	0.0 a
					1.3 a	100.0 a

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SE Group No.	1	2	3	4	5
SE Name	Bleach	Stunt	Bleach	Stunt	AMBTR
Pest Code					8 WAMBROTRIFI
Assessment Date	May-18-2005	May-18-2005	May-26-2005	May-26-2005	May-26-2005
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW
Days After Last Application	14	14	8	8	8
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit			
20 STALWART XTRA 5.5 EC	1390.0 GA/Ha				
ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0 GAE/Ha				
	0.0 a	0.0 a	0.0 a	1.3 a	91.3 a
LSD (P=.05)	0.00	0.00	1.28	2.08	19.38
Standard Deviation	0.00	0.00	0.89	1.46	13.56
CV	0.0	0.0	571.94	310.48	15.71
Bartlett's X2	0.0	0.0	0.0	0.102	65.905
P(Bartlett's X2)	.	.	1.00	0.999	0.001*
Replicate F	0.000	0.000	0.652	0.738	2.992
Replicate Prob(F)	1.0000	1.0000	0.5858	0.5351	0.0407
Treatment F	0.000	0.000	0.913	1.131	13.008
Treatment Prob(F)	1.0000	1.0000	0.5562	0.3583	0.0001

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

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SE Group No.	6	7	8	9	10
SE Name	ABUTH	CHEAL	Bleach	Stunt	Bleach
Pest Code	11 WABUTITHEOP	6 WCHENOALBUM			
Assessment Date	May-26-2005	May-26-2005	Jun-01-2005	Jun-01-2005	Jun-09-2005
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW
Days After Last Application	8	8	6	6	14
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit			
1 CHECK			0.0 b	0.0 c	0.0 a
2 LEXAR 3.7 SE	3100.0 GA/Ha		99.5 ab	100.0 a	1.3 a
3 LEXAR 3.7 SE	3630.0 GA/Ha		100.0 ab	98.0 a	0.0 a
4 BICEP II MAGNUM 5.5 SC	3240.0 GA/Ha		95.5 ab	95.0 a	0.0 a
5 LUMAX 3.94 SE	2760.0 GA/Ha		100.0 ab	100.0 a	0.0 a
6 LEXAR 3.7 SE PRINCEP 4L	3100.0 GA/Ha 1120.0 GA/Ha		100.0 ab	100.0 a	0.0 a
7 GUARDSMAN MAX 5 SC	2100.0 GA/Ha		95.3 ab	86.3 a	0.0 a
8 HARNESS XTRA 5.6L	3140.0 GA/Ha		321.8 a	97.5 a	0.0 a
9 EPIC 58 WG	405.0 GA/Ha		100.0 ab	96.3 a	0.0 a
10 KEYSTONE 5.25 SE	3830.0 GA/Ha		98.3 ab	83.0 a	0.0 a
11 LEXAR 3.7 SE NIS	3100.0 GA/Ha 0.25 %V/V			11.0 a	0.0 a
12 BICEP II MAGNUM 5.5 SC NIS	3240.0 GA/Ha 0.25 %V/V			0.0 c	0.0 a
13 GUARDSMAN MAX 5 SC CLARITY 4 SL CROP OIL CONCENTRATE	2100.0 GA/Ha 560.0 GA/Ha 1.0 %V/V		99.3 ab	98.0 a	0.0 a
14 LEXAR 3.7 SE NIS	3100.0 GA/Ha 0.25 %V/V		100.0 ab	100.0 a	0.0 a
15 LUMAX 3.94 SE NIS	2760.0 GA/Ha 0.25 %V/V		98.8 ab	100.0 a	0.0 a
16 CINCH ATZ 5.5 SC STEADFAST 75 WG AATREX 4L CALLISTO 4 SC (WF2795) CROP OIL CONCENTRATE AMMONIUM SULFATE SG	1160.0 GA/Ha 39.4 GA/Ha 1120.0 GA/Ha 70.0 GA/Ha 1.0 %V/V 2.8 KgPr/Ha		76.3 ab	88.3 a	0.0 c
17 STEADFAST 75 WG AATREX 4L CALLISTO 4 SC (WF2795) CROP OIL CONCENTRATE AMMONIUM SULFATE SG	39.4 GA/Ha 1120.0 GA/Ha 70.0 GA/Ha 1.0 %V/V 2.8 KgPr/Ha			5.0 b	0.0 a
18 LEXAR 3.7 SE STEADFAST 75 WG NIS	1170.0 GA/Ha 39.4 GA/Ha 0.25 %V/V			1.3 c	0.0 a
19 STALWART XTRA 5.5 EC STALWART C 7.8 EC CALLISTO 4 SC (WF2795)	2000.0 GA/Ha 328.0 GA/Ha 140.0 GA/Ha		100.0 ab	94.3 a	0.0 a
20 STALWART XTRA 5.5 EC ROUNDUP WEATHERMAX 4.5 SL (AE)	1390.0 GA/Ha 870.0 GAE/Ha		67.0 ab	52.5 b	0.0 c
LSD (P=.05)			162.37	23.77	1.62
Standard Deviation			113.62	16.63	1.07
CV			110.08	19.16	37.35
Bartlett's X2			159.07	43.102	1.623
P(Bartlett's X2)			0.001*	0.001*	0.203
Replicate F			0.824	3.976	1.578
Replicate Prob(F)			0.4874	0.0135	0.2361
Treatment F			1.254	9.808	67.988
Treatment Prob(F)			0.2702	0.0001	0.0001
					1.000
					0.4199
					1.000
					0.4509
					0.4750

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

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SE Group No. SE Name Pest Code Assessment Date Assessment Type, Sub-Type Days After Last Application	11 Stunt Jun-09-2005 NOR RAW 14	12 AMBTR 4 WAMBROTRIFI Jun-09-2005 NOR RAW 14	13 ABUTH 2 WABUTITHEOP Jun-09-2005 NOR RAW 14	14 CHEAL 6 WCHENOALBUM Jun-09-2005 NOR RAW 14
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit		
1 CHECK			0.0 b	0.0 b
2 LEXAR 3.7 SE	3100.0 GA/Ha		11.3 ab	96.3 a
3 LEXAR 3.7 SE	3630.0 GA/Ha		10.0 ab	84.3 a
4 BICEP II MAGNUM 5.5 SC	3240.0 GA/Ha		2.5 ab	86.3 a
5 LUMAX 3.94 SE	2760.0 GA/Ha		7.5 ab	96.8 a
6 LEXAR 3.7 SE PRINCEP 4L	3100.0 GA/Ha 1120.0 GA/Ha		11.3 ab	96.0 a
7 GUARDSMAN MAX 5 SC	2100.0 GA/Ha		8.8 ab	93.8 a
8 HARNESS XTRA 5.6L	3140.0 GA/Ha		7.5 ab	94.3 a
9 EPIC 58 WG	405.0 GA/Ha		11.3 ab	97.3 a
10 KEYSTONE 5.25 SE	3830.0 GA/Ha		8.8 ab	96.5 a
11 LEXAR 3.7 SE NIS	3100.0 GA/Ha 0.25 %V/V		10.0 ab	91.0 a
12 BICEP II MAGNUM 5.5 SC NIS	3240.0 GA/Ha 0.25 %V/V		11.3 ab	89.5 a
13 GUARDSMAN MAX 5 SC CLARITY 4 SL CROP OIL CONCENTRATE	2100.0 GA/Ha 560.0 GA/Ha 1.0 %V/V		20.0 a	95.0 a
14 LEXAR 3.7 SE NIS	3100.0 GA/Ha 0.25 %V/V		7.5 ab	94.3 a
15 LUMAX 3.94 SE NIS	2760.0 GA/Ha 0.25 %V/V		7.5 ab	98.8 a
16 CINCH ATZ 5.5 SC STEADFAST 75 WG AATREX 4L CALLISTO 4 SC (WF2795) CROP OIL CONCENTRATE AMMONIUM SULFATE SG	1160.0 GA/Ha 39.4 GA/Ha 1120.0 GA/Ha 70.0 GA/Ha 1.0 %V/V 2.8 KgPr/Ha		15.0 ab	99.3 a
17 STEADFAST 75 WG AATREX 4L CALLISTO 4 SC (WF2795) CROP OIL CONCENTRATE AMMONIUM SULFATE SG	39.4 GA/Ha 1120.0 GA/Ha 70.0 GA/Ha 1.0 %V/V 2.8 KgPr/Ha		13.8 ab	99.8 a
18 LEXAR 3.7 SE STEADFAST 75 WG NIS	1170.0 GA/Ha 39.4 GA/Ha 0.25 %V/V		15.0 ab	100.0 a
19 STALWART XTRA 5.5 EC STALWART C 7.8 EC CALLISTO 4 SC (WF2795)	2000.0 GA/Ha 328.0 GA/Ha 140.0 GA/Ha		10.0 ab	98.8 a
20 STALWART XTRA 5.5 EC ROUNDUP WEATHERMAX 4.5 SL (AE)	1390.0 GA/Ha 870.0 GAE/Ha		5.0 ab	92.0 a
LSD (P=.05)			10.00	11.89
Standard Deviation			7.07	8.41
CV			73.0	9.34
Bartlett's X2			13.686	66.321
P(Bartlett's X2)			0.749	0.001*
Replicate F			2.373	7.744
Replicate Prob(F)			0.0798	0.0002
Treatment F			1.590	26.440
Treatment Prob(F)			0.0907	0.0001

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

Purdue University

SE Group No.	15	16	17	18
SE Name	SETFA	Bleach	Stunt	AMBTR
Pest Code	17 WSETARFABER			4 WAMBROTRIFI
Assessment Date	Jun-09-2005	Jun-21-2005	Jun-21-2005	Jun-21-2005
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW
Days After Last Application	14	26	26	26
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit		
1 CHECK			0.0 c	0.0 a
2 LEXAR 3.7 SE	3100.0 GA/Ha		99.3 a	0.0 a
3 LEXAR 3.7 SE	3630.0 GA/Ha		98.3 a	0.0 a
4 BICEP II MAGNUM 5.5 SC	3240.0 GA/Ha		94.8 a	0.0 a
5 LUMAX 3.94 SE	2760.0 GA/Ha		91.0 a	0.0 a
6 LEXAR 3.7 SE	3100.0 GA/Ha		97.3 a	0.0 a
PRINCEP 4L	1120.0 GA/Ha			3.8 b
7 GUARDSMAN MAX 5 SC	2100.0 GA/Ha		90.8 a	0.0 a
8 HARNESS XTRA 5.6L	3140.0 GA/Ha		99.3 a	0.0 a
9 EPIC 58 WG	405.0 GA/Ha		100.0 a	0.0 a
10 KEYSTONE 5.25 SE	3830.0 GA/Ha		100.0 a	0.0 a
11 LEXAR 3.7 SE	3100.0 GA/Ha		93.5 a	0.0 a
NIS	0.25 %V/V			2.5 b
12 BICEP II MAGNUM 5.5 SC	3240.0 GA/Ha		73.0 b	0.0 a
NIS	0.25 %V/V			2.5 b
13 GUARDSMAN MAX 5 SC	2100.0 GA/Ha		99.3 a	0.0 a
CLARITY 4 SL	560.0 GA/Ha			13.3 a
CROP OIL CONCENTRATE	1.0 %V/V			
14 LEXAR 3.7 SE	3100.0 GA/Ha		99.3 a	1.3 a
NIS	0.25 %V/V			3.8 b
15 LUMAX 3.94 SE	2760.0 GA/Ha		99.3 a	0.0 a
NIS	0.25 %V/V			1.3 b
16 CINCH ATZ 5.5 SC	1160.0 GA/Ha		100.0 a	0.0 a
STEADFAST 75 WG	39.4 GA/Ha			3.8 b
AATREX 4L	1120.0 GA/Ha			
CALLISTO 4 SC (WF2795)	70.0 GA/Ha			
CROP OIL CONCENTRATE	1.0 %V/V			
AMMONIUM SULFATE SG	2.8 KgPr/Ha			
17 STEADFAST 75 WG	39.4 GA/Ha		100.0 a	0.0 a
AATREX 4L	1120.0 GA/Ha			6.3 b
CALLISTO 4 SC (WF2795)	70.0 GA/Ha			
CROP OIL CONCENTRATE	1.0 %V/V			
AMMONIUM SULFATE SG	2.8 KgPr/Ha			
18 LEXAR 3.7 SE	1170.0 GA/Ha		100.0 a	0.0 a
STEADFAST 75 WG	39.4 GA/Ha			3.8 b
NIS	0.25 %V/V			
19 STALWART XTRA 5.5 EC	2000.0 GA/Ha		94.8 a	0.0 a
STALWART C 7.8 EC	328.0 GA/Ha			5.5 b
CALLISTO 4 SC (WF2795)	140.0 GA/Ha			
20 STALWART XTRA 5.5 EC	1390.0 GA/Ha		97.5 a	0.0 a
ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0 GAE/Ha			1.3 b
LSD (P=.05)			8.57	0.79
Standard Deviation			6.06	0.56
CV			6.63	894.43
Bartlett's X2			65.926	0.0
P(Bartlett's X2)			0.001*	.
Replicate F			2.669	1.000
Replicate Prob(F)			0.0561	0.3995
Treatment F			54.594	1.000
Treatment Prob(F)			0.0001	0.4750
				5.30
				3.75
				102.39
				15.395
				0.635
				4.427
				0.0072
				21.993
				0.0001

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

Purdue University

SE Group No.	19	20	21	21
SE Name	ABUTH	CHEAL	SETFA	AMBTR
Pest Code	2 WABUTITHEOP	3 WCHENOALBUM	13 WSETARFABER	
Assessment Date	Jun-21-2005	Jun-21-2005	Jun-21-2005	Jul-06-2005
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW
Days After Last Application	26	26	26	41
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit		
1 CHECK			0.0 c	0.0 b
2 LEXAR 3.7 SE	3100.0 GA/Ha		100.0 a	93.3 ab
3 LEXAR 3.7 SE	3630.0 GA/Ha		100.0 a	92.8 ab
4 BICEP II MAGNUM 5.5 SC	3240.0 GA/Ha		89.0 c	90.8 a
5 LUMAX 3.94 SE	2760.0 GA/Ha		100.0 a	99.3 a
6 LEXAR 3.7 SE	3100.0 GA/Ha		100.0 a	100.0 a
PRINCEP 4L	1120.0 GA/Ha			97.5 a
7 GUARDSMAN MAX 5 SC	2100.0 GA/Ha		91.3 bc	80.0 a
8 HARNESS XTRA 5.6L	3140.0 GA/Ha		91.3 bc	93.8 a
9 EPIC 58 WG	405.0 GA/Ha		100.0 a	93.3 a
10 KEYSTONE 5.25 SE	3830.0 GA/Ha		93.3 abc	81.3 a
11 LEXAR 3.7 SE	3100.0 GA/Ha		100.0 a	100.0 a
NIS	0.25 %V/V			
12 BICEP II MAGNUM 5.5 SC	3240.0 GA/Ha		99.0 a	83.3 a
NIS	0.25 %V/V			
13 GUARDSMAN MAX 5 SC	2100.0 GA/Ha		100.0 a	100.0 a
CLARITY 4 SL	560.0 GA/Ha			
CROP OIL CONCENTRATE	1.0 %V/V			
14 LEXAR 3.7 SE	3100.0 GA/Ha		100.0 a	100.0 a
NIS	0.25 %V/V			
15 LUMAX 3.94 SE	2760.0 GA/Ha		100.0 a	100.0 a
NIS	0.25 %V/V			
16 CINCH ATZ 5.5 SC	1160.0 GA/Ha		100.0 a	100.0 a
STEADFAST 75 WG	39.4 GA/Ha			
AATREX 4L	1120.0 GA/Ha			
CALLISTO 4 SC (WF2795)	70.0 GA/Ha			
CROP OIL CONCENTRATE	1.0 %V/V			
AMMONIUM SULFATE SG	2.8 KgPr/Ha			
17 STEADFAST 75 WG	39.4 GA/Ha		100.0 a	100.0 a
AATREX 4L	1120.0 GA/Ha			
CALLISTO 4 SC (WF2795)	70.0 GA/Ha			
CROP OIL CONCENTRATE	1.0 %V/V			
AMMONIUM SULFATE SG	2.8 KgPr/Ha			
18 LEXAR 3.7 SE	1170.0 GA/Ha		100.0 a	99.8 a
STEADFAST 75 WG	39.4 GA/Ha			
NIS	0.25 %V/V			
19 STALWART XTRA 5.5 EC	2000.0 GA/Ha		100.0 a	80.8 a
STALWART C 7.8 EC	328.0 GA/Ha			
CALLISTO 4 SC (WF2795)	140.0 GA/Ha			
20 STALWART XTRA 5.5 EC	1390.0 GA/Ha		95.8 ab	96.3 a
ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0 GAE/Ha			
LSD (P=.05)	4.66		16.90	8.41
Standard Deviation	3.29		11.95	5.95
CV	3.54		13.29	6.59
Bartlett's X2	12.672		44.71	72.106
P(Bartlett's X2)	0.027*		0.001*	0.001*
Replicate F	3.729		3.559	10.239
Replicate Prob(F)	0.0162		0.0197	0.0001
Treatment F	181.661		14.088	54.053
Treatment Prob(F)	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.		21	21	21
SE Name		ABUTH	CHEAL	PANDI
Pest Code				
Assessment Date		Jul-06-2005	Jul-06-2005	Jul-06-2005
Assessment Type, Sub-Type		NOR RAW	NOR RAW	NOR RAW
Days After Last Application		41	41	41
Trt	Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	
1	CHECK			0.0 d
2	LEXAR 3.7 SE	3100.0 GA/Ha		99.5 a
3	LEXAR 3.7 SE	3630.0 GA/Ha		100.0 a
4	BICEP II MAGNUM 5.5 SC	3240.0 GA/Ha		98.8 a
5	LUMAX 3.94 SE	2760.0 GA/Ha		98.8 a
6	LEXAR 3.7 SE	3100.0 GA/Ha		100.0 a
	PRINCEP 4L	1120.0 GA/Ha		100.0 a
7	GUARDSMAN MAX 5 SC	2100.0 GA/Ha		87.5 c
8	HARNESS XTRA 5.6L	3140.0 GA/Ha		72.5 a
9	EPIC 58 WG	405.0 GA/Ha		76.8 ab
10	KEYSTONE 5.25 SE	3830.0 GA/Ha		90.0 bc
11	LEXAR 3.7 SE	3100.0 GA/Ha		90.0 bc
	NIS	0.25 %V/V		97.8 a
12	BICEP II MAGNUM 5.5 SC	3240.0 GA/Ha		98.8 a
	NIS	0.25 %V/V		72.5 a
13	GUARDSMAN MAX 5 SC	2100.0 GA/Ha		99.0 a
	CLARITY 4 SL	560.0 GA/Ha		99.5 a
	CROP OIL CONCENTRATE	1.0 %V/V		97.8 a
14	LEXAR 3.7 SE	3100.0 GA/Ha		100.0 a
	NIS	0.25 %V/V		100.0 a
15	LUMAX 3.94 SE	2760.0 GA/Ha		98.8 a
	NIS	0.25 %V/V		100.0 a
16	CINCH ATZ 5.5 SC	1160.0 GA/Ha		99.0 a
	STEADFAST 75 WG	39.4 GA/Ha		100.0 a
	AATREX 4L	1120.0 GA/Ha		97.8 a
	CALLISTO 4 SC (WF2795)	70.0 GA/Ha		
	CROP OIL CONCENTRATE	1.0 %V/V		
	AMMONIUM SULFATE SG	2.8 KgPr/Ha		
17	STEADFAST 75 WG	39.4 GA/Ha		98.3 a
	AATREX 4L	1120.0 GA/Ha		100.0 a
	CALLISTO 4 SC (WF2795)	70.0 GA/Ha		96.3 a
	CROP OIL CONCENTRATE	1.0 %V/V		
	AMMONIUM SULFATE SG	2.8 KgPr/Ha		
18	LEXAR 3.7 SE	1170.0 GA/Ha		99.3 a
	STEADFAST 75 WG	39.4 GA/Ha		100.0 a
	NIS	0.25 %V/V		97.5 a
19	STALWART XTRA 5.5 EC	2000.0 GA/Ha		99.5 a
	STALWART C 7.8 EC	328.0 GA/Ha		87.5 a
	CALLISTO 4 SC (WF2795)	140.0 GA/Ha		72.5 ab
20	STALWART XTRA 5.5 EC	1390.0 GA/Ha		92.5 abc
	ROUNDUP WEATHERMAX 4.5 SL (AE)	870.0 GAE/Ha		94.0 a
	LSD (P=.05)			14.53
	Standard Deviation			3.02
	CV			15.52
	Bartlett's X2			3.27
	P(Bartlett's X2)			17.64
	Replicate F			12.37
	Replicate Prob(F)			36.499
	Treatment F			55.558
	Treatment Prob(F)			54.061
				0.001*
				0.001*
				0.001*
				1.892
				5.125
				6.924
				0.1413
				0.0033
				0.0005
				214.357
				8.800
				17.915
				0.0001
				0.0001
				0.0001

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