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Country: UNITED STATES OF AMERICA Region: Trial Use: Normal
 Discipline: HERBICIDE Sequence: Year: 2007
 Trial Id.: US__0H__2007 Protocol Id.: HPQ001A4-2007US Revision Date: FEB12
 Master Protocol Id.:

Trial Origin: COOPERATOR TRIAL Licensee: Dr. William G. Johnson GEP: N

 Title: Gramoxone Inteon: Programs for control of glyphosate resistant weeds in RR corn.

SITE AND DESIGN

Plot Width: 10 Unit: FT Plot Length: 30 Unit: FT Plot Area: 300.0 Unit: FT² No Reps: 4 No Treats: 22

 Site Description Event Date: Jul/23/2007 Study Design: RACOBL
 Trial Location: Butlerville Farm/Station Name: SEPAC
 County: Jennings Farm Manager: Don Biehle
 State/Province: IN Street: 4425 E Co Rd 350 N
 Postal Code: 47223 City+State/Prov: Butlerville, IN
 Cooperator Name: Bill Johnson Postal Code: 47223
 Coop. Trial ID: 07S-SEP-NTC-35 Country: UNITED STATES OF AMERICA
 Phone Number: 812-458-6977

Soil Texture: SILT LOAM Distance to Weather Station: 0.25 Unit: MI
 Soil Drainage: POOR Closest Weather Station: On the farm
 Tillage Type: NO-TILL

SITE USAGE

No.
1.
No.
1.
No.
1.
No.
1.
No.
1.

GENERAL TRIAL INFORMATION

Initiation Date: Apr/23/2007 Protocol Id. : HPQ001A4-2007US
 Title: Gramoxone Inteon: Programs for control of glyphosate resistant weeds in RR corn.
 Intl./Overall Protocol Owner : Chuck Foresman Investigator: Dr. William G. Johns
 Local Protocol Responsibility: Nick Polge Title: R&D Scientist
 Affiliation: Syngenta

No.	SYPOS Project	SYPOS Task
1.	P000062-01	T009625-05

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TRIAL STATUS	
1. Date: Apr/23/2007 Comment: Generated by ARM	TRIAL STATUS: ESTABLISHED

SEED DESCRIPTION			
1. Date: May/08/2007	Area: Trial	Crop: ZEA MAYS	Var: DKC 63-74

CROP OCCURRENCE

	1.	2.
Date:	May/08/2007	Jun/06/2007
Area:	Trial	Trial
Crop:	CORN DENT	CORN DENT
Crop Code:	ZEAMD	ZEAMD
BBCH Scale:	BCOR	BCOR
Variety:	DKC 63-74	DKC 63-74
Seed Description:	1	1
Planting Date:	May/08/2007	May/08/2007
PL. TYPE:	PLANTING OF SEEDS	
Planting Depth Min, Max, Unit:	1.25 1.75 IN	
Row Spacing, Unit:	30.0 IN	
Planting Rate, Unit:	29000.0 S/A	
Method:	DIRECT DRILLED	

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	3.	4.
Date:	Jun/20/2007	Jul/16/2007
Area:	Trial	Trial
Crop:	CORN DENT	CORN DENT
Crop Code:	ZEAMD	ZEAMD
BBCH Scale:	BCOR	BCOR
Variety:	DKC 63-74	DKC 63-74
Seed Description:	1	1
Planting Date:	May/08/2007	May/08/2007
PL. TYPE:		
Planting Depth Min, Max, Unit:		
Row Spacing, Unit:		
Planting Rate, Unit:		
Method:		

PEST OCCURRENCE

	1.	2.	3.
Date:	Apr/30/2007	Apr/30/2007	Apr/30/2007
Area:	Trial	Trial	Trial
Pest:	RANUNCULUS ABORTIVUS	SENECIO GLABELLUS	CONYZA CANADENSIS GLYR
Pest Code:	RANAB	SENGL	WCONYZCANGR
Stage Scale:	BBCH	BBCH	BBCH
Variety:	SmallflowerButtercup	cressleaf groundsel	horseweed

	4.	5.	6.
Date:	Apr/30/2007	Apr/30/2007	Apr/30/2007
Area:	Trial	Trial	Trial
Pest:	ALOPECURUS CAROLINIANUS	CERASTIUM VULGATUM	POA ANNUA
Pest Code:	ALOCA	CERVU	POAAN
Stage Scale:	BGRM	BBCH	BGRM
Variety:	Carolina foxtail	Mouseear Chickweed	Annual Bluegrass

	7.	8.	9.
Date:	May/08/2007	May/08/2007	May/08/2007
Area:	Trial	Trial	Trial
Pest:	SENECIO GLABELLUS	RANUNCULUS ABORTIVUS	CONYZA CANADENSIS GLYR
Pest Code:	SENGL	RANAB	WCONYZCANGR
Stage Scale:	BBCH	BBCH	BBCH
Variety:	cressleaf groundsel	SmallflowerButtercup	horseweed

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	10.	11.	12.
Date:	May/08/2007	May/08/2007	May/22/2007
Area:	Trial	Trial	Trial
Pest:	CERASTIUM VULGATUM	POA ANNUA	CONYZA CANADENSIS GLYR
Pest Code:	CERVU	POAAN	WCONYZCANGR
Stage Scale:	BBCH	BGRM	BBCH
Variety:	Mouseear Chickweed	Annual Bluegrass	horseweed
	13.	14.	15.
Date:	Jun/04/2007	Jun/06/2007	Jun/20/2007
Area:	Trial	Trial	Trial
Pest:	CONYZA CANADENSIS GLYR	PANICUM DICHOTOMIFLORUM	CONYZA CANADENSIS GLYR
Pest Code:	WCONYZCANGR	PANDI	WCONYZCANGR
Stage Scale:	BBCH	BBCH	BBCH
Variety:	horseweed	fall panicum	horseweed
	16.	17.	18.
Date:	Jun/20/2007	Jul/16/2007	Jul/16/2007
Area:	Trial	Trial	Trial
Pest:	PANICUM DICHOTOMIFLORUM	CONYZA CANADENSIS GLYR	PANICUM DICHOTOMIFLORUM
Pest Code:	PANDI	WCONYZCANGR	PANDI
Stage Scale:	BBCH	BBCH	BBCH
Variety:	fall panicum	horseweed	fall panicum

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CROP DEVELOPMENT

	1.	2.
Date:	May/08/2007	May/22/2007
Crop:	1 CORN DENT	2 CORN DENT
Crop Code:	ZEAMD	ZEAMD
BBCH Scale:	BCOR	BCOR
Variety:	DKC 63-74	DKC 63-74
Dev. Stage Min, Max:		12 12
Height Min, Max, Unit:		

Tree/Crop Row Volume Information		
Height Total (m):		
	3.	4.
Date:	Jun/06/2007	Jun/20/2007
Crop:	2 CORN DENT	3 CORN DENT
Crop Code:	ZEAMD	ZEAMD
BBCH Scale:	BCOR	BCOR
Variety:	DKC 63-74	DKC 63-74
Dev. Stage Min, Max:	15 15	17 18
Height Min, Max, Unit:	8.0 14.0 IN	28.0 36.0 IN

Tree/Crop Row Volume Information		
Height Total (m):	0.28	0.81

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	5.
Date:	Jul/16/2007
Crop:	4 CORN DENT
Crop Code:	ZEAMD
BBCH Scale:	BCOR
Variety:	DKC 63-74
Dev. Stage Min, Max:	63 65
Height Min, Max, Unit:	72.0 96.0 IN

Tree/Crop Row Volume Information	
Height Total (m):	2.13

PEST DEVELOPMENT

	1.	2.
Date:	Apr/30/2007	Apr/30/2007
Pest:	1 RANUNCULUS ABORTIVUS	2 SENECIO GLABELLUS
Pest Code:	RANAB	SENGL
Stage Scale:	BBCH	BBCH
Variety:	SmallflowerButtercup	cressleaf groundsel
Density Min, Max:	15.0 25.0	0.0 2.0
Unit:	PER SQUARE YARD	PER SQUARE YARD
Height Min, Max, Unit:	1.0 12.0 IN	4.0 16.0 IN

	3.	4.
Date:	Apr/30/2007	Apr/30/2007
Pest:	3 CONYZA CANADENSIS GLYR	4 ALOPECURUS CAROLINIANUS
Pest Code:	WCONYZCANGR	ALOCA
Stage Scale:	BBCH	BGRM
Variety:	horseweed	Carolina foxtail
Density Min, Max:	1.0 5.0	5.0 10.0
Unit:	PER SQUARE YARD	PER SQUARE YARD
Height Min, Max, Unit:	1.0 2.0 IN	3.0 6.0 IN

	5.	6.
Date:	Apr/30/2007	Apr/30/2007
Pest:	5 CERASTIUM VULGATUM	6 POA ANNUA
Pest Code:	CERVU	POAAN
Stage Scale:	BBCH	BGRM
Variety:	Mouseear Chickweed	Annual Bluegrass
Density Min, Max:	10.0 40.0	75.0 125.0
Unit:	PER SQUARE YARD	PER SQUARE YARD
Height Min, Max, Unit:	2.0 6.0 IN	2.0 4.0 IN

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	7.	8.
Date:	May/08/2007	May/08/2007
Pest:	7 SENECIO GLABELLUS	8 RANUNCULUS ABORTIVUS
Pest Code:	SENGL	RANAB
Stage Scale:	BBCH	BBCH
Variety:	cressleaf groundsel	SmallflowerButtercup
Density Min, Max:	0.0 2.0	15.0 25.0
Unit:	PER SQUARE YARD	PER SQUARE YARD
Height Min, Max, Unit:	4.0 24.0 IN	1.0 12.0 IN
	9.	10.
Date:	May/08/2007	May/08/2007
Pest:	9 CONYZA CANADENSIS GLYR	10 CERASTIUM VULGATUM
Pest Code:	WCONYZCANGR	CERVU
Stage Scale:	BBCH	BBCH
Variety:	horseweed	Mouseear Chickweed
Density Min, Max:	1.0 5.0	10.0 40.0
Unit:	PER SQUARE YARD	PER SQUARE YARD
Height Min, Max, Unit:	1.0 5.0 IN	2.0 8.0 IN
	11.	12.
Date:	May/08/2007	May/22/2007
Pest:	11 POA ANNUA	12 CONYZA CANADENSIS GLYR
Pest Code:	POAAN	WCONYZCANGR
Stage Scale:	BGRM	BBCH
Variety:	Annual Bluegrass	horseweed
Density Min, Max:	75.0 125.0	1.0 5.0
Unit:	PER SQUARE YARD	PER SQUARE YARD
Height Min, Max, Unit:	2.0 6.0 IN	2.0 8.0 IN
	13.	14.
Date:	Jun/06/2007	Jun/20/2007
Pest:	13 CONYZA CANADENSIS GLYR	14 PANICUM DICHOTOMIFLORUM
Pest Code:	WCONYZCANGR	PANDI
Stage Scale:	BBCH	BBCH
Variety:	horseweed	fall panicum
Density Min, Max:	1.0 5.0	5.0 10.0
Unit:	PER SQUARE YARD	PER SQUARE YARD
Height Min, Max, Unit:	2.0 14.0 IN	2.0 20.0 IN

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	15.	16.
Date:	Jun/20/2007	Jul/16/2007
Pest:	15 CONYZA CANADENSIS GLYR	16 PANICUM DICHOTOMIFLORUM
Pest Code:	WCONYZCANGR	PANDI
Stage Scale:	BBCH	BBCH
Variety:	horseweed	fall panicum
Density Min, Max:	3.0 6.0	5.0 10.0
Unit:	PER SQUARE YARD	PER SQUARE YARD
Height Min, Max, Unit:	2.0 16.0 IN	12.0 36.0 IN

	17.
Date:	Jul/16/2007
Pest:	17 CONYZA CANADENSIS GLYR
Pest Code:	WCONYZCANGR
Stage Scale:	BBCH
Variety:	horseweed
Density Min, Max:	3.0 6.0
Unit:	PER SQUARE YARD
Height Min, Max, Unit:	8.0 60.0 IN

WEATHER DESCRIPTION					
1. Date:	May/30/2007	Air Temp. Min:	76.0	Max:	76.0
	Wind Velocity Min:	2.0	Max:	4.0	Unit: MPH
	Sky Condition:	Clear			
		% Rel. Humidity Min:		55.0	Max: 55.0
		Wind Direction: W			
2. Date:	Jun/06/2007	Air Temp. Min:	82.0	Max:	82.0
	Wind Velocity Min:	0.0	Max:	3.0	Unit: MPH
	Sky Condition:	25% Cloud cover			
		% Rel. Humidity Min:		30.0	Max: 30.0
		Wind Direction: NE			

No.	Date	Soil Temp.	Unit	Soil Moisture Condition
1.	Apr/30/2007	68.0	F	Wet
2.	Jun/06/2007	80.0	F	Dry

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APPLICATION

	A	B
Application Date/Time:	Apr/30/2007 12:00 AM	Jun/06/2007 12:00 AM
Applied By:	KW	VMD
Target (Pest):	3 WCONYZCANGR	13 WCONYZCANGR
Variety (Pest):	horseweed	horseweed
Weather:	1	2
Soil:	1	2
Equipment Name:	Backpack	Backpack
Application Equipment:	BACSPR	BACSPR
Pressure, Unit:	17 PSI	17 PSI
Nozzle Type:	FLAFAN	FLAFAN
Nozzle Description:	XR 11002	XR 11002
Nozzle Spacing, Unit:	15 IN	15 IN
Boom Length, Unit:	7.5 FT	7.5 FT
Boom Height, Unit:	15 IN	15 IN
Ground Speed, Unit:	3 MPH	3 MPH
Nozzle Filter Mesh:	50	50
Spray Volume, Unit:	15.0 GPA	15.0 GPA
Mix Size, Unit:	1.8 L	1.8 L
Propellent:	COMCO2	COMCO2
Water Hardness:	150.0	150.0
Ground Cover:	60%	
Application Method:	NONINC	NONINC
Application Timing:	PREPLA	POSPOS
Applic. Placement:	BROFOL	BROFOL

No.
1.

No.	Date	Area	Laboratory Name	pH/KCL	pH/H2O	CEC	Soil Texture
1.	Jul/24/2007	Trial			6.4	5.7	SILT LOAM
	Soil Component:						
	Soil Element:		P: 17.0	PPM	K: 132.0	PPM	% Organic Matter: 1.6
							Ca: 808.0 PPM Mg: 156.0 PPM

No.
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1. INOCULATION/INFESTATION

No.	Date	Area	TYPE	Rate	Unit	Comment
1.	Jun/04/2007	Trial	FERTILIZATION	140.0	KG/HA	28% UAN

No.	Maint. No.	INGREDIENT TYPE	PRODUCT NAME [DSP]	Form Type	Form Conc	Form Unit	Rate	Unit
1.	1	@CO	UAN	XX	28.0	%AW/W	140.0	KGA/HA

No.	Date	General Comments
1.	Jun/06/2007	Weed sizes and densities based on weak pre's. GK
	Code	Crop Occurrence Comment
	1.	
	Code	Pest Occurrence Comment
	1.	
	Code	Crop Development Comment
	1.	
	Code	Pest Development Comment
	1.	
	Code	Comment
	1.	
	Code	Comment
	1.	

Area Name	Treatment Numbers in Area
1.	

INSTRUCTIONS

Crops: CORN
 Targets: CONYZA CANADENSIS (glyphosate resistant)

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 Objective Notes:
 =====
 Place with University COIs targeting locations with glyphosate-resistant Conyza canadensis (ERICA)

Objectives:
 1. To compare crop safety and burndown plus residual weed control of 7 day EPP applications of full or 2/3 rates of Lexar or Bicep II Magnum and in tank mixture with Gramoxone Inteon or Gramoxone Inteon and 2,4-D.
 2. To compare weed control and crop safety of Touchdown Total or Sequence applied POST as part of a 2-pass program following the burndown + residual treatments.
 3. Determine the most effective program of 1 and 2 pass treatments for season long control of glyphosate resistant weeds and other agronomically significant weed species in RR no-till corn.

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 Critical Protocol Tasks:
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 Trials to be targeted to locations with confirmed glyphosate resistant populations of Conyza canadensis (ERICA)

Crop: RR-corn

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Trial Design Notes:
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RCB, 3 replications, 10 X 30 ft.
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Treatment Notes:
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Protocol for locations south of I80 or where Lexar and Bicep II Magnum are used.

The full LEXAR rate in treatments 4, 6, 8, 10, 12 and 14 is for soils with < 3% O.M., adjust to 3630 g ai/ha rate for soil > 3% O.M.
The full Bicep II Magnum rate in treatments 5, 7, 9, 11, 13 and 15 is for medium textured soil with < 3% O.M. Adjust rate according to label recommendations for other soil types. Rates of both Lexar and Bicep II Magnum in treatments 16-21 should be set at 2/3 the rates used in treatments 4-15.

Ammonium sulfate may be dropped from treatment list where it is not typically used. Be certain to adjust treatment list if AMS is not used.

Application Timings:

A = burndown treatments 7 day EPP.

Document weed size at application.

B = POST to corn less than 30 inches

Document crop and weed size at application

Please do not remove any treatments from the protocol.

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Assessment Notes:
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Assess all agronomically significant weed species at location in addition to glyphosate-resistant ERICA.

Assess burndown weed control at planting, 14-21 DAP and just prior to the POST application.
Also assess phytotoxicity at 14-21 DAP and just prior to POST application.

Assess POST weed control at 10-14 and 42-50 days after POST application.
Also assess phytotoxicity at 7-14 and 42-50 days after POST application.

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Reporting Notes:

Date Data Required By: 10/1/2007
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Other Notes:
=====

Trials to be placed with COIs.

Glyphosate-resistant ERICA is the primary target in choosing locations, but please collect data on other key weed species where possible.

Please keep a photographic record of plots showing treatment performance.

Product design codes:

Gramoxone Inteon: A7813K

Lexar: A14224A

Bicep II Magnum: A9560D

Touchdown Total: A13013BE

Sequence: A13886C

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Assessment Tasks

No.	Timing ID	SE Name	SE Description	Part Assess	Assess Data Type	Assess Unit	Samples per 1 Collect.basis	Sample Unit	Coll. Basis	Basis Unit	Reporting Basis	Reporting Basis Unit	Asmt Type	Asmt Sub Type	Calc Type	Scale Type	Trans. Code
1.	1	W003	% weed control	PLANT	CONTRO	%	1	PLOT	1	PLOT	1	PLOT	NOR	RAW	NC	S	0
2.	2	X001	% General phyto on p	PLANT	PHYGEN	%	1	PLOT	1	PLOT	1	PLOT	NOR	RAW	NC	S	0

No.	Timing ID
1.	1
2.	2

No.	Task	Comment
1.		Trial Comments

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Country: UNITED STATES OF AMERICA Region: Trial Use: Normal
 Discipline: HERBICIDE Sequence: Year: 2007
 Trial Id.: US_0H_2007 Protocol Id.: HPQ001A4-2007US Revision Date: FEB12
 Master Protocol Id.:

Trial Origin: COOPERATOR TRIAL Licensee: Dr. William G. Johnson GEP: N

 Title: Gramoxone Inteon: Programs for control of glyphosate resistant weeds in RR corn.

Assessment Date	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/22/2007 12:00 AM	May/22/2007 12:00 AM
Assessed By	AW+KW	AW+KW	AW+KW	AW+KW	AW+KW	GK	GK
Crop Code	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	2 ZEAMD	2 ZEAMD
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74
Crop Development						12 12	12 12
Pest Code	7 SENGL	8 RANAB	9 WCONYZCANGR	10 CERVU	11 POAAN		12 WCONYZCANGR
Pest Variety	cressleaf groundsel	SmallflowerButtercup	horseweed	Mouseear Chickweed	Annual Bluegrass		horseweed
SE Group No.	1	1	1	1	1	2	2
Assessment Data Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	PHYGEN	CONTRO
Assessment Unit	%	%	%	%	%	%	%
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW
Number of Subsamples	1	1	1	1	1	1	1
Days After Last Application	8	8	8	8	8	22	22

Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot	1	2	3	4	5	6	7
1 CHECK UNTREATED			101	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			504	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			608	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			904	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 AMMONIUM SULFATE	2.0 %w/v		102	100.0	35.0	100.0	35.0	55.0	0.0	80.0
TOUCHDOWN TOTAL 4.17 SL	880.0 gae/ha		307	100.0	45.0	100.0	45.0	45.0	0.0	90.0
AMMONIUM SULFATE	2.0 %w/v		708	90.0	30.0	100.0	70.0	48.0	0.0	95.0
TOUCHDOWN TOTAL 4.17 SL	880.0 gae/ha		908	100.0	30.0	20.0	52.0	40.0	0.0	80.0
			Mean =	97.5	35.0	80.0	50.5	47.0	0.0	86.3
3 AMMONIUM SULFATE	2.0 %w/v		103	100.0	55.0	100.0	42.0	30.0	0.0	85.0
2,4-D ESTER 3.8 EC (AE)	533.0 gae/ha		505	88.0	65.0	99.0	50.0	45.0	0.0	100.0
TOUCHDOWN TOTAL 4.17 SL	880.0 gae/ha		702	75.0	70.0	100.0	70.0	80.0	0.0	95.0
AMMONIUM SULFATE	2.0 %w/v		905	95.0	73.0	78.0	78.0	40.0	0.0	100.0
TOUCHDOWN TOTAL 4.17 SL	880.0 gae/ha									
			Mean =	89.5	65.8	94.3	60.0	48.8	0.0	95.0
4 LEXAR 3.7 SE	3110.0 gai/ha		104	100.0	20.0	100.0	85.0	70.0	0.0	100.0
			308	100.0	15.0	100.0	90.0	73.0	0.0	100.0
			609	50.0	15.0	100.0	95.0	83.0	0.0	100.0
			906	3.0	10.0	100.0	100.0	50.0	0.0	100.0
			Mean =	63.3	15.0	100.0	92.5	69.0	0.0	100.0

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Assessment Date	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/22/2007 12:00 AM	May/22/2007 12:00 AM			
Assessed By	AW+KW	AW+KW	AW+KW	AW+KW	AW+KW	GK	GK			
Crop Code	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	2 ZEAMD	2 ZEAMD			
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74			
Crop Development						12 12	12 12			
Pest Code	7 SENGL	8 RANAB	9 WCONYZCANGR	10 CERVU	11 POAAN		12 WCONYZCANGR			
Pest Variety	cressleaf groundsel	SmallflowerButtercup	horseweed	Mouseear Chickweed	Annual Bluegrass		horseweed			
SE Group No.	1	1	1	1	1	2	2			
Assessment Data Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	PHYGEN	CONTRO			
Assessment Unit	%	%	%	%	%	%	%			
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW			
Number of Subsamples	1	1	1	1	1	1	1			
Days After Last Application	8	8	8	8	8	22	22			
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot	1	2	3	4	5	6	7
5 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	105	100.0	25.0	100.0	85.0	75.0	0.0	100.0
			409	20.0	15.0	100.0	87.0	57.0	0.0	100.0
			704	10.0	10.0	100.0	95.0	20.0	0.0	100.0
			901	0.0	0.0	100.0	95.0	10.0	0.0	100.0
			Mean =	32.5	12.5	100.0	90.5	40.5	0.0	100.0
6 LEXAR 3.7 SE	3110.0	gai/ha	106	50.0	100.0	100.0	100.0	100.0	0.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	402	100.0	100.0	100.0	100.0	100.0	0.0	100.0
NIS	0.25	%v/v	509	100.0	100.0	100.0	100.0	100.0	0.0	100.0
			1005	100.0	100.0	100.0	100.0	100.0	0.0	100.0
			Mean =	87.5	100.0	100.0	100.0	100.0	0.0	100.0
7 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	107	100.0	100.0	100.0	100.0	100.0	0.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	408	100.0	100.0	100.0	100.0	100.0	0.0	100.0
NIS	0.25	%v/v	709	100.0	100.0	100.0	100.0	100.0	0.0	100.0
			1002	100.0	100.0	100.0	100.0	100.0	0.0	100.0
			Mean =	100.0	100.0	100.0	100.0	100.0	0.0	100.0
8 LEXAR 3.7 SE	3110.0	gai/ha	108	100.0	100.0	100.0	100.0	100.0	0.0	100.0
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha	406	100.0	100.0	100.0	100.0	100.0	0.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	605	100.0	100.0	100.0	100.0	100.0	0.0	100.0
NIS	0.25	%v/v	807	100.0	100.0	100.0	100.0	100.0	0.0	100.0
			Mean =	100.0	100.0	100.0	100.0	100.0	0.0	100.0
9 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	109	100.0	100.0	100.0	100.0	100.0	0.0	100.0
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha	501	100.0	100.0	100.0	100.0	100.0	0.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	607	100.0	100.0	100.0	100.0	100.0	0.0	100.0
NIS	0.25	%v/v	805	100.0	100.0	100.0	100.0	100.0	0.0	100.0
			Mean =	100.0	100.0	100.0	100.0	100.0	0.0	100.0
10 LEXAR 3.7 SE	3110.0	gai/ha	201	100.0	10.0	100.0	85.0	60.0	0.0	100.0
AMMONIUM SULFATE	2.0	%w/v	405	5.0	8.0	100.0	90.0	65.0	0.0	100.0
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha	803	29.0	60.0	100.0	85.0	74.0	0.0	100.0
			909	25.0	30.0	70.0	93.0	20.0	0.0	100.0
			Mean =	39.8	27.0	92.5	88.3	54.8	0.0	100.0

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Assessed By	AW+KW	AW+KW	AW+KW	AW+KW	AW+KW	AW+KW	GK
Crop Code	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	2 ZEAMD
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74
Crop Development						12 12	12 12
Pest Code	7 SENGL	8 RANAB	9 WCONYZCANGR	10 CERVU	11 POAAN		12 WCONYZCANGR
Pest Variety	cressleaf groundsel	SmallflowerButtercup	horseweed	Mouseear Chickweed	Annual Bluegrass		horseweed
SE Group No.	1	1	1	1	1	2	2
Assessment Data Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	PHYGEN	CONTRO
Assessment Unit	%	%	%	%	%	%	%
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW
Number of Subsamples	1	1	1	1	1	1	1
Days After Last Application	8	8	8	8	8	22	22

Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot	1	2	3	4	5	6	7
11 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	202	20.0	10.0	100.0	98.0	88.0	0.0	100.0
AMMONIUM SULFATE	2.0	%w/v	404	0.0	10.0	100.0	85.0	70.0	0.0	100.0
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha	706	10.0	13.0	100.0	95.0	50.0	0.0	100.0
			1006	75.0	70.0	100.0	100.0	50.0	0.0	100.0
Mean =				26.3	25.8	100.0	94.5	64.5	0.0	100.0
12 LEXAR 3.7 SE	3110.0	gai/ha	203	15.0	100.0	100.0	100.0	100.0	0.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	403	100.0	100.0	100.0	100.0	100.0	0.0	100.0
NIS	0.25	%v/v	602	100.0	100.0	100.0	100.0	100.0	0.0	100.0
AMMONIUM SULFATE	2.0	%w/v	808	100.0	100.0	100.0	100.0	100.0	0.0	100.0
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha								
Mean =				78.8	100.0	100.0	100.0	100.0	0.0	100.0
13 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	204	100.0	100.0	100.0	100.0	100.0	0.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	502	100.0	100.0	100.0	100.0	100.0	0.0	100.0
NIS	0.25	%v/v	802	100.0	100.0	100.0	100.0	100.0	0.0	100.0
AMMONIUM SULFATE	2.0	%w/v	1007	100.0	100.0	100.0	100.0	100.0	0.0	100.0
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha								
Mean =				100.0	100.0	100.0	100.0	100.0	0.0	100.0
14 LEXAR 3.7 SE	3110.0	gai/ha	205	100.0	100.0	100.0	100.0	100.0	0.0	100.0
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha	305	100.0	100.0	100.0	100.0	100.0	0.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	603	100.0	100.0	100.0	100.0	100.0	0.0	100.0
NIS	0.25	%v/v	907	100.0	100.0	100.0	100.0	100.0	0.0	100.0
AMMONIUM SULFATE	2.0	%w/v								
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha								
Mean =				100.0	100.0	100.0	100.0	100.0	0.0	100.0
15 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	206	100.0	100.0	100.0	100.0	100.0	0.0	100.0
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha	503	100.0	100.0	100.0	100.0	100.0	0.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	604	100.0	100.0	100.0	100.0	100.0	0.0	100.0
NIS	0.25	%v/v	804	100.0	100.0	100.0	100.0	100.0	0.0	100.0
AMMONIUM SULFATE	2.0	%w/v								
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha								
Mean =				100.0	100.0	100.0	100.0	100.0	0.0	100.0

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Assessed By	AW+KW	AW+KW	AW+KW	AW+KW	AW+KW	AW+KW	GK	GK		
Crop Code	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	2 ZEAMD	2 ZEAMD		
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74		
Crop Development							12 12	12 12		
Pest Code	7 SENGL	8 RANAB	9 WCONYZCANGR	10 CERVU	11 POAAN		12 WCONYZCANGR	12 WCONYZCANGR		
Pest Variety	cressleaf groundsel	SmallflowerButtercup	horseweed	Mouseear Chickweed	Annual Bluegrass		horseweed	horseweed		
SE Group No.	1	1	1	1	1		2	2		
Assessment Data Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		PHYGEN	CONTRO		
Assessment Unit	%	%	%	%	%		%	%		
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW		NOR RAW	NOR RAW		
Number of Subsamples	1	1	1	1	1		1	1		
Days After Last Application	8	8	8	8	8		22	22		
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot	1	2	3	4	5	6	7
16 LEXAR 3.7 SE	2052.0	gai/ha	207	30.0	20.0	100.0	93.0	45.0	0.0	100.0
AMMONIUM SULFATE	2.0	%w/v	306	55.0	20.0	99.0	95.0	60.0	0.0	100.0
SEQUENCE 5.25 EW	1840.0	gae/ha	707	5.0	7.0	100.0	95.0	50.0	0.0	100.0
			1004	13.0	20.0	100.0	95.0	60.0	0.0	100.0
			Mean =	25.8	16.8	99.8	94.5	53.8	0.0	100.0
17 BICEP II MAGNUM 5.5 SC	1630.0	gai/ha	208	5.0	12.0	100.0	85.0	45.0	0.0	100.0
AMMONIUM SULFATE	2.0	%w/v	506	5.0	10.0	100.0	93.0	20.0	0.0	100.0
SEQUENCE 5.25 EW	1840.0	gae/ha	601	5.0	10.0	100.0	95.0	10.0	0.0	100.0
			806	15.0	15.0	100.0	95.0	50.0	0.0	100.0
			Mean =	7.5	11.8	100.0	92.0	31.3	0.0	100.0
18 LEXAR 3.7 SE	2052.0	gai/ha	209	100.0	100.0	100.0	100.0	100.0	0.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	508	100.0	100.0	100.0	100.0	100.0	0.0	100.0
NIS	0.25	%v/v	703	100.0	100.0	100.0	100.0	100.0	0.0	100.0
AMMONIUM SULFATE	2.0	%w/v	903	100.0	100.0	100.0	100.0	100.0	0.0	100.0
SEQUENCE 5.25 EW	1840.0	gae/ha								
			Mean =	100.0	100.0	100.0	100.0	100.0	0.0	100.0
19 BICEP II MAGNUM 5.5 SC	1630.0	gai/ha	301	100.0	100.0	100.0	100.0	100.0	0.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	407	100.0	100.0	100.0	100.0	100.0	0.0	100.0
NIS	0.25	%v/v	705	100.0	100.0	100.0	100.0	100.0	0.0	100.0
AMMONIUM SULFATE	2.0	%w/v	902	100.0	100.0	100.0	100.0	100.0	0.0	100.0
SEQUENCE 5.25 EW	1840.0	gae/ha								
			Mean =	100.0	100.0	100.0	100.0	100.0	0.0	100.0
20 LEXAR 3.7 SE	2052.0	gai/ha	302	100.0	100.0	100.0	100.0	100.0	0.0	100.0
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha	507	100.0	100.0	100.0	100.0	100.0	0.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	606	100.0	100.0	100.0	100.0	100.0	0.0	100.0
NIS	0.25	%v/v	1001	100.0	100.0	100.0	100.0	100.0	0.0	100.0
AMMONIUM SULFATE	2.0	%w/v								
SEQUENCE 5.25 EW	1840.0	gae/ha								
			Mean =	100.0	100.0	100.0	100.0	100.0	0.0	100.0

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Assessed By	GK	VD+VM	VD+VM	VD+VM	MK	MK
Crop Code	3 ZEAMD	4 ZEAMD	4 ZEAMD	4 ZEAMD	5 ZEAMD	5 ZEAMD
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74
Crop Development	15 15	17 18	17 18	17 18	63 65	63 65
Pest Code	13 WCONYZCANGR		15 WCONYZCANGR	14 PANDI	16 PANDI	17 WCONYZCANGR
Pest Variety	horseweed		horseweed	fall panicum	fall panicum	horseweed
SE Group No.	3	3	4	4	5	5
Assessment Data Type	CONTRO	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%	%
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW
Number of Subsamples	1	1	1	1	1	1
Days After Last Application	35	14	14	14	40	40

Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot	8	9	10	11	12	13
1 CHECK UNTREATED			101	0.0	0.0	0.0	0.0	0.0	0.0
			504	0.0	0.0	0.0	0.0	0.0	0.0
			608	0.0	0.0	0.0	0.0	0.0	0.0
			904	0.0	0.0	0.0	0.0	0.0	0.0
			Mean =		0.0	0.0	0.0	0.0	0.0
2 AMMONIUM SULFATE TOUCHDOWN TOTAL 4.17 SL	2.0 %w/v		102	20.0	0.0	60.0	100.0	95.0	13.0
	880.0 gae/ha		307	35.0	0.0	45.0	100.0	100.0	10.0
	2.0 %w/v		708	20.0	0.0	55.0	100.0	97.0	25.0
	880.0 gae/ha		908	20.0	0.0	50.0	100.0	95.0	40.0
			Mean =		23.8	0.0	52.5	100.0	96.8
3 AMMONIUM SULFATE 2,4-D ESTER 3.8 EC (AE) TOUCHDOWN TOTAL 4.17 SL	2.0 %w/v		103	60.0	0.0	88.0	100.0	96.0	93.0
	533.0 gae/ha		505	80.0	0.0	95.0	100.0	99.0	100.0
	880.0 gae/ha		702	100.0	0.0	100.0	100.0	96.0	100.0
	2.0 %w/v		905	80.0	0.0	95.0	100.0	94.0	95.0
	880.0 gae/ha		Mean =		80.0	0.0	94.5	100.0	96.3
4 LEXAR 3.7 SE	3110.0 gai/ha		104	100.0	0.0	100.0	50.0	40.0	100.0
			308	100.0	0.0	100.0	90.0	73.0	100.0
			609	100.0	0.0	100.0	90.0	63.0	100.0
			906	100.0	0.0	100.0	88.0	56.0	100.0
			Mean =		100.0	0.0	100.0	79.5	58.0
5 BICEP II MAGNUM 5.5 SC	2470.0 gai/ha		105	100.0	0.0	100.0	40.0	25.0	100.0
			409	100.0	0.0	100.0	95.0	70.0	100.0
			704	100.0	0.0	100.0	93.0	65.0	100.0
			901	100.0	0.0	100.0	65.0	5.0	100.0
			Mean =		100.0	0.0	100.0	73.3	41.3
6 LEXAR 3.7 SE GRAMOXONE INTEON 2 SL NIS	3110.0 gai/ha		106	100.0	0.0	100.0	80.0	55.0	100.0
	840.0 gai/ha		402	100.0	0.0	100.0	100.0	87.0	100.0
	0.25 %v/v		509	100.0	0.0	100.0	97.0	80.0	100.0
			1005	100.0	0.0	100.0	75.0	73.0	100.0
			Mean =		100.0	0.0	100.0	88.0	73.8

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Assessed By	GK	VD+VM	VD+VM	VD+VM	VD+VM	MK	MK
Crop Code	3 ZEAMD	4 ZEAMD	4 ZEAMD	4 ZEAMD	4 ZEAMD	5 ZEAMD	5 ZEAMD
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74
Crop Development	15 15	17 18	17 18	17 18	17 18	63 65	63 65
Pest Code	13 WCONYZCANGR		15 WCONYZCANGR		14 PANDI	16 PANDI	17 WCONYZCANGR
Pest Variety	horseweed		horseweed		fall panicum	fall panicum	horseweed
SE Group No.	3	3	4	4	5	5	5
Assessment Data Type	CONTRO	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%	%	%
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW
Number of Subsamples	1	1	1	1	1	1	1
Days After Last Application	35	14	14	14	14	40	40

Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot	8	9	10	11	12	13
7 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	107	100.0	0.0	100.0	85.0	45.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	408	100.0	0.0	100.0	100.0	80.0	100.0
NIS	0.25	%v/v	709	100.0	0.0	100.0	97.0	93.0	100.0
			1002	100.0	0.0	100.0	90.0	70.0	100.0
Mean =				100.0	0.0	100.0	93.0	72.0	100.0
8 LEXAR 3.7 SE	3110.0	gai/ha	108	100.0	0.0	100.0	85.0	55.0	100.0
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha	406	100.0	0.0	100.0	93.0	70.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	605	100.0	0.0	100.0	100.0	87.0	100.0
NIS	0.25	%v/v	807	100.0	0.0	100.0	97.0	77.0	100.0
Mean =				100.0	0.0	100.0	93.8	72.3	100.0
9 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	109	100.0	0.0	100.0	85.0	47.0	100.0
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha	501	100.0	0.0	100.0	97.0	65.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	607	100.0	0.0	100.0	99.0	60.0	100.0
NIS	0.25	%v/v	805	100.0	0.0	100.0	98.0	90.0	100.0
Mean =				100.0	0.0	100.0	94.8	65.5	100.0
10 LEXAR 3.7 SE	3110.0	gai/ha	201	100.0	0.0	100.0	100.0	98.0	100.0
AMMONIUM SULFATE	2.0	%w/v	405	100.0	0.0	100.0	100.0	95.0	100.0
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha	803	100.0	0.0	100.0	100.0	97.0	100.0
			909	100.0	0.0	100.0	100.0	100.0	100.0
Mean =				100.0	0.0	100.0	100.0	97.5	100.0
11 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	202	100.0	0.0	100.0	100.0	97.0	100.0
AMMONIUM SULFATE	2.0	%w/v	404	100.0	0.0	100.0	100.0	97.0	100.0
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha	706	100.0	0.0	100.0	100.0	97.0	100.0
			1006	100.0	0.0	100.0	100.0	93.0	100.0
Mean =				100.0	0.0	100.0	100.0	96.0	100.0
12 LEXAR 3.7 SE	3110.0	gai/ha	203	100.0	0.0	100.0	100.0	99.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	403	100.0	0.0	100.0	100.0	94.0	100.0
NIS	0.25	%v/v	602	100.0	0.0	100.0	100.0	95.0	100.0
AMMONIUM SULFATE	2.0	%w/v	808	100.0	0.0	100.0	100.0	100.0	100.0
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha							
Mean =				100.0	0.0	100.0	100.0	97.0	100.0

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Assessed By	GK	VD+VM	VD+VM	VD+VM	MK	MK
Crop Code	3 ZEAMD	4 ZEAMD	4 ZEAMD	4 ZEAMD	5 ZEAMD	5 ZEAMD
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74
Crop Development	15 15	17 18	17 18	17 18	63 65	63 65
Pest Code	13 WCONYZCANGR		15 WCONYZCANGR	14 PANDI	16 PANDI	17 WCONYZCANGR
Pest Variety	horseweed		horseweed	fall panicum	fall panicum	horseweed
SE Group No.	3	3	4	4	5	5
Assessment Data Type	CONTRO	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%	%
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW
Number of Subsamples	1	1	1	1	1	1
Days After Last Application	35	14	14	14	40	40

Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot	8	9	10	11	12	13
13 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	204	100.0	0.0	100.0	100.0	99.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	502	100.0	0.0	100.0	100.0	97.0	100.0
NIS	0.25	%v/v	802	100.0	0.0	100.0	100.0	97.0	100.0
AMMONIUM SULFATE	2.0	%w/v	1007	100.0	0.0	100.0	100.0	90.0	100.0
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha							
Mean =				100.0	0.0	100.0	100.0	95.8	100.0
14 LEXAR 3.7 SE	3110.0	gai/ha	205	100.0	0.0	100.0	100.0	100.0	100.0
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha	305	100.0	0.0	100.0	100.0	100.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	603	100.0	0.0	100.0	100.0	91.0	100.0
NIS	0.25	%v/v	907	100.0	0.0	100.0	100.0	95.0	100.0
AMMONIUM SULFATE	2.0	%w/v							
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha							
Mean =				100.0	0.0	100.0	100.0	96.5	100.0
15 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	206	100.0	0.0	100.0	100.0	100.0	100.0
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha	503	100.0	0.0	100.0	100.0	95.0	100.0
GRAMOXONE INTEON 2 SL	840.0	gai/ha	604	100.0	0.0	100.0	100.0	97.0	100.0
NIS	0.25	%v/v	804	100.0	0.0	100.0	100.0	99.0	100.0
AMMONIUM SULFATE	2.0	%w/v							
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha							
Mean =				100.0	0.0	100.0	100.0	97.8	100.0
16 LEXAR 3.7 SE	2052.0	gai/ha	207	100.0	0.0	100.0	100.0	100.0	100.0
AMMONIUM SULFATE	2.0	%w/v	306	100.0	0.0	100.0	100.0	100.0	100.0
SEQUENCE 5.25 EW	1840.0	gae/ha	707	100.0	0.0	100.0	100.0	100.0	100.0
			1004	100.0	0.0	100.0	100.0	97.0	100.0
Mean =				100.0	0.0	100.0	100.0	99.3	100.0
17 BICEP II MAGNUM 5.5 SC	1630.0	gai/ha	208	100.0	0.0	100.0	100.0	100.0	100.0
AMMONIUM SULFATE	2.0	%w/v	506	100.0	0.0	100.0	100.0	100.0	100.0
SEQUENCE 5.25 EW	1840.0	gae/ha	601	100.0	0.0	100.0	100.0	97.0	100.0
			806	100.0	0.0	100.0	97.0	87.0	100.0
Mean =				100.0	0.0	100.0	99.3	96.0	100.0

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Assessed By	GK	VD+VM	VD+VM	VD+VM	VD+VM	MK	MK		
Crop Code	3 ZEAMD	4 ZEAMD	4 ZEAMD	4 ZEAMD	4 ZEAMD	5 ZEAMD	5 ZEAMD		
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74		
Crop Development	15 15	17 18	17 18	17 18	17 18	63 65	63 65		
Pest Code	13 WCONYZCANGR		15 WCONYZCANGR		14 PANDI	16 PANDI	17 WCONYZCANGR		
Pest Variety	horseweed		horseweed		fall panicum	fall panicum	horseweed		
SE Group No.	3	3	4	4	5	5	5		
Assessment Data Type	CONTRO	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		
Assessment Unit	%	%	%	%	%	%	%		
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW		
Number of Subsamples	1	1	1	1	1	1	1		
Days After Last Application	35	14	14	14	14	40	40		
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Plot	8	9	10	11	12	13
18 LEXAR 3.7 SE	2052.0 gai/ha		209	100.0	0.0	100.0	100.0	100.0	100.0
GRAMOXONE INTEON 2 SL	840.0 gai/ha		508	100.0	0.0	100.0	100.0	100.0	100.0
NIS	0.25 %v/v		703	100.0	0.0	100.0	100.0	100.0	100.0
AMMONIUM SULFATE	2.0 %w/v		903	100.0	0.0	100.0	100.0	97.0	100.0
SEQUENCE 5.25 EW	1840.0 gae/ha								
			Mean =	100.0	0.0	100.0	100.0	99.3	100.0
19 BICEP II MAGNUM 5.5 SC	1630.0 gai/ha		301	100.0	0.0	100.0	100.0	100.0	100.0
GRAMOXONE INTEON 2 SL	840.0 gai/ha		407	100.0	0.0	100.0	100.0	97.0	100.0
NIS	0.25 %v/v		705	100.0	0.0	100.0	100.0	100.0	100.0
AMMONIUM SULFATE	2.0 %w/v		902	100.0	0.0	100.0	100.0	95.0	100.0
SEQUENCE 5.25 EW	1840.0 gae/ha								
			Mean =	100.0	0.0	100.0	100.0	98.0	100.0
20 LEXAR 3.7 SE	2052.0 gai/ha		302	100.0	0.0	100.0	100.0	100.0	100.0
2,4-D ESTER 3.8 EC (AE)	533.0 gae/ha		507	100.0	0.0	100.0	100.0	100.0	100.0
GRAMOXONE INTEON 2 SL	840.0 gai/ha		606	100.0	0.0	100.0	100.0	100.0	100.0
NIS	0.25 %v/v		1001	100.0	0.0	100.0	100.0	100.0	100.0
AMMONIUM SULFATE	2.0 %w/v								
SEQUENCE 5.25 EW	1840.0 gae/ha								
			Mean =	100.0	0.0	100.0	100.0	100.0	100.0
21 BICEP II MAGNUM 5.5 SC	1630.0 gai/ha		303	100.0	0.0	100.0	100.0	99.0	100.0
2,4-D ESTER 3.8 EC (AE)	533.0 gae/ha		401	100.0	0.0	100.0	100.0	100.0	100.0
GRAMOXONE INTEON 2 SL	840.0 gai/ha		801	100.0	0.0	100.0	100.0	100.0	100.0
NIS	0.25 %v/v		809	100.0	0.0	100.0	100.0	100.0	100.0
AMMONIUM SULFATE	2.0 %w/v								
SEQUENCE 5.25 EW	1840.0 gae/ha								
			Mean =	100.0	0.0	100.0	100.0	99.8	100.0
22 CHECK UNTREATED			304	0.0	0.0	0.0	0.0	0.0	0.0
			309	0.0	0.0	0.0	0.0	0.0	0.0
			701	0.0	0.0	0.0	0.0	0.0	0.0
			1003	0.0	0.0	0.0	0.0	0.0	0.0
			Mean =	0.0	0.0	0.0	0.0	0.0	0.0

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Country: UNITED STATES OF AMERICA Region: Trial Use: Normal
 Discipline: HERBICIDE Sequence: Year: 2007
 Trial Id.: US_0H_2007 Protocol Id.: HPQ001A4-2007US Revision Date: FEB12
 Master Protocol Id.:

Trial Origin: COOPERATOR TRIAL Licensee: Dr. William G. Johnson GEP: N

 Title: Gramoxone Inteon: Programs for control of glyphosate resistant weeds in RR corn.

Assessment Date	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/22/2007 12:00 AM	May/22/2007 12:00 AM		
Assessed By	AW+KW	AW+KW	AW+KW	AW+KW	AW+KW	GK	GK		
Crop Code	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	2 ZEAMD	2 ZEAMD		
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74		
Crop Development						12 12	12 12		
Pest Code	7 SENGL	8 RANAB	9 WCONYZCANGR	10 CERVU	11 POAAN		12 WCONYZCANGR		
Pest Variety	creessleaf groundsel	SmallflowerButtercup	horseweed	Mouseear Chickweed	Annual Bluegrass		horseweed		
SE Group No.	1	1	1	1	1	2	2		
Assessment Data Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	PHYGEN	CONTRO		
Assessment Unit	%	%	%	%	%	%	%		
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW		
Number of Subsamples	1	1	1	1	1	1	1		
Days After Last Application	8	8	8	8	8	22	22		
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	1	2	3	4	5	6	7
1 CHECK UNTREATED			0.0 c	0.0 e	0.0 b	0.0 d	0.0 d	0.0 a	0.0 c
2 AMMONIUM SULFATE TOUCHDOWN TOTAL 4.17 SL	2.0 %w/v 880.0 gae/ha		97.5 a	35.0 c	80.0 a	50.5 c	47.0 bc	0.0 a	86.3 b
3 AMMONIUM SULFATE 2,4-D ESTER 3.8 EC (AE) TOUCHDOWN TOTAL 4.17 SL	2.0 %w/v 533.0 gae/ha 880.0 gae/ha		89.5 a	65.8 b	94.3 a	60.0 b	48.8 bc	0.0 a	95.0 a
4 LEXAR 3.7 SE	3110.0 gai/ha		63.3 ab	15.0 de	100.0 a	92.5 a	69.0 b	0.0 a	100.0 a
5 BICEP II MAGNUM 5.5 SC	2470.0 gai/ha		32.5 bc	12.5 de	100.0 a	90.5 a	40.5 c	0.0 a	100.0 a
6 LEXAR 3.7 SE GRAMOXONE INTEON 2 SL NIS	3110.0 gai/ha 840.0 gai/ha 0.25 %v/v		87.5 a	100.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
7 BICEP II MAGNUM 5.5 SC GRAMOXONE INTEON 2 SL NIS	2470.0 gai/ha 840.0 gai/ha 0.25 %v/v		100.0 a	100.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
8 LEXAR 3.7 SE 2,4-D ESTER 3.8 EC (AE) GRAMOXONE INTEON 2 SL NIS	3110.0 gai/ha 533.0 gae/ha 840.0 gai/ha 0.25 %v/v		100.0 a	100.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
9 BICEP II MAGNUM 5.5 SC 2,4-D ESTER 3.8 EC (AE) GRAMOXONE INTEON 2 SL NIS	2470.0 gai/ha 533.0 gae/ha 840.0 gai/ha 0.25 %v/v		100.0 a	100.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a

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Assessment Date	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/08/2007 12:00 AM	May/22/2007 12:00 AM	May/22/2007 12:00 AM		
Assessed By	AW+KW	AW+KW	AW+KW	AW+KW	AW+KW	GK	GK		
Crop Code	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	2 ZEAMD	2 ZEAMD		
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74		
Crop Development						12 12	12 12		
Pest Code	7 SENGL	8 RANAB	9 WCONYZCANGR	10 CERVU	11 POAAN		12 WCONYZCANGR		
Pest Variety	cresslleaf groundsel	SmallflowerButtercup	horseweed	Mouseear Chickweed	Annual Bluegrass		horseweed		
SE Group No.	1	1	1	1	1	2	2		
Assessment Data Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	PHYGEN	CONTRO		
Assessment Unit	%	%	%	%	%	%	%		
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW		
Number of Subsamples	1	1	1	1	1	1	1		
Days After Last Application	8	8	8	8	8	22	22		
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	1	2	3	4	5	6	7
10 LEXAR 3.7 SE	3110.0	gai/ha	39.8 bc	27.0 cd	92.5 a	88.3 a	54.8 bc	0.0 a	100.0 a
AMMONIUM SULFATE	2.0	%w/v							
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha							
11 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	26.3 bc	25.8 cd	100.0 a	94.5 a	64.5 b	0.0 a	100.0 a
AMMONIUM SULFATE	2.0	%w/v							
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha							
12 LEXAR 3.7 SE	3110.0	gai/ha	78.8 a	100.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
GRAMOXONE INTEON 2 SL	840.0	gai/ha							
NIS	0.25	%v/v							
AMMONIUM SULFATE	2.0	%w/v							
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha							
13 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	100.0 a	100.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
GRAMOXONE INTEON 2 SL	840.0	gai/ha							
NIS	0.25	%v/v							
AMMONIUM SULFATE	2.0	%w/v							
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha							
14 LEXAR 3.7 SE	3110.0	gai/ha	100.0 a	100.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha							
GRAMOXONE INTEON 2 SL	840.0	gai/ha							
NIS	0.25	%v/v							
AMMONIUM SULFATE	2.0	%w/v							
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha							
15 BICEP II MAGNUM 5.5 SC	2470.0	gai/ha	100.0 a	100.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha							
GRAMOXONE INTEON 2 SL	840.0	gai/ha							
NIS	0.25	%v/v							
AMMONIUM SULFATE	2.0	%w/v							
TOUCHDOWN TOTAL 4.17 SL	880.0	gae/ha							
16 LEXAR 3.7 SE	2052.0	gai/ha	25.8 bc	16.8 de	99.8 a	94.5 a	53.8 bc	0.0 a	100.0 a
AMMONIUM SULFATE	2.0	%w/v							
SEQUENCE 5.25 EW	1840.0	gae/ha							
17 BICEP II MAGNUM 5.5 SC	1630.0	gai/ha	7.5 c	11.8 de	100.0 a	92.0 a	31.3 c	0.0 a	100.0 a
AMMONIUM SULFATE	2.0	%w/v							
SEQUENCE 5.25 EW	1840.0	gae/ha							

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Assessed By	AW+KW	AW+KW	AW+KW	AW+KW	AW+KW	AW+KW	GK	GK	
Crop Code	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	1 ZEAMD	2 ZEAMD	2 ZEAMD	
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	
Crop Development							12 12	12 12	
Pest Code	7 SENGL	8 RANAB	9 WCONYZCANGR	10 CERVU	11 POAAN		12 WCONYZCANGR	12 WCONYZCANGR	
Pest Variety	cressleaf groundsel	SmallflowerButtercup	horseweed	Mouseear Chickweed	Annual Bluegrass		horseweed	horseweed	
SE Group No.	1	1	1	1	1		2	2	
Assessment Data Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		PHYGEN	CONTRO	
Assessment Unit	%	%	%	%	%		%	%	
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW		NOR RAW	NOR RAW	
Number of Subsamples	1	1	1	1	1		1	1	
Days After Last Application	8	8	8	8	8		22	22	
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	1	2	3	4	5	6	7
18 LEXAR 3.7 SE	2052.0	gai/ha	100.0 a	100.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
GRAMOXONE INTEON 2 SL	840.0	gai/ha							
NIS	0.25	%v/v							
AMMONIUM SULFATE	2.0	%w/v							
SEQUENCE 5.25 EW	1840.0	gae/ha							
19 BICEP II MAGNUM 5.5 SC	1630.0	gai/ha	100.0 a	100.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
GRAMOXONE INTEON 2 SL	840.0	gai/ha							
NIS	0.25	%v/v							
AMMONIUM SULFATE	2.0	%w/v							
SEQUENCE 5.25 EW	1840.0	gae/ha							
20 LEXAR 3.7 SE	2052.0	gai/ha	100.0 a	100.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha							
GRAMOXONE INTEON 2 SL	840.0	gai/ha							
NIS	0.25	%v/v							
AMMONIUM SULFATE	2.0	%w/v							
SEQUENCE 5.25 EW	1840.0	gae/ha							
21 BICEP II MAGNUM 5.5 SC	1630.0	gai/ha	100.0 a	100.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha							
GRAMOXONE INTEON 2 SL	840.0	gai/ha							
NIS	0.25	%v/v							
AMMONIUM SULFATE	2.0	%w/v							
SEQUENCE 5.25 EW	1840.0	gae/ha							
22 CHECK UNTREATED			0.0 c	0.0 e	0.0 b	0.0 d	0.0 d	0.0 a	0.0 c
LSD (P=.05)	30.89			12.73	12.90	7.20	16.31	0.00	3.08
Standard Deviation	21.84			9.00	9.12	5.09	11.53	0.00	2.18
CV	31.03			14.05	10.2	6.01	15.76	0.0	2.42
Bartlett's X2	23.236			25.718	25.225	21.594	9.552	0.0	0.01
P(Bartlett's X2)	0.006*			0.001*	0.001*	0.003*	0.215	.	0.919
Replicate F	0.374			0.464	2.357	4.212	1.381	0.000	1.334
Replicate Prob(F)	0.7722			0.7086	0.0802	0.0089	0.2569	1.0000	0.2714
Treatment F	12.164			87.960	41.244	141.803	34.764	0.000	722.244
Treatment Prob(F)	0.0001			0.0001	0.0001	0.0001	0.0001	1.0000	0.0001

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Assessment Date	Jun/04/2007 12:00 AM	Jun/20/2007 12:00 AM	Jun/20/2007 12:00 AM	Jun/20/2007 12:00 AM	Jun/16/2007 12:00 AM	Jul/16/2007 12:00 AM		
Assessed By	GK	VD+VM	VD+VM	VD+VM	MK	MK		
Crop Code	3 ZEAMD	4 ZEAMD	4 ZEAMD	4 ZEAMD	5 ZEAMD	5 ZEAMD		
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74		
Crop Development	15 15	17 18	17 18	17 18	63 65	63 65		
Pest Code	13 WCONYZCANGR		15 WCONYZCANGR	14 PANDI	16 PANDI	17 WCONYZCANGR		
Pest Variety	horseweed		horseweed	fall panicum	fall panicum	horseweed		
SE Group No.	3	3	4	4	5	5		
Assessment Data Type	CONTRO	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO		
Assessment Unit	%	%	%	%	%	%		
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW		
Number of Subsamples	1	1	1	1	1	1		
Days After Last Application	35	14	14	14	40	40		
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	8	9	10	11	12	13
1 CHECK UNTREATED			0.0 d	0.0 a	0.0 d	0.0 d	0.0 d	0.0 c
2 AMMONIUM SULFATE TOUCHDOWN TOTAL 4.17 SL	2.0 %w/v 880.0 gae/ha		23.8 c	0.0 a	52.5 c	100.0 a	96.8 a	22.0 b
3 AMMONIUM SULFATE 2,4-D ESTER 3.8 EC (AE) TOUCHDOWN TOTAL 4.17 SL	2.0 %w/v 533.0 gae/ha 880.0 gae/ha		80.0 b	0.0 a	94.5 b	100.0 a	96.3 a	97.0 a
4 LEXAR 3.7 SE	3110.0 gai/ha		100.0 a	0.0 a	100.0 a	79.5 bc	58.0 b	100.0 a
5 BICEP II MAGNUM 5.5 SC	2470.0 gai/ha		100.0 a	0.0 a	100.0 a	73.3 c	41.3 c	100.0 a
6 LEXAR 3.7 SE GRAMOXONE INTEON 2 SL NIS	3110.0 gai/ha 840.0 gai/ha 0.25 %v/v		100.0 a	0.0 a	100.0 a	88.0 ab	73.8 b	100.0 a
7 BICEP II MAGNUM 5.5 SC GRAMOXONE INTEON 2 SL NIS	2470.0 gai/ha 840.0 gai/ha 0.25 %v/v		100.0 a	0.0 a	100.0 a	93.0 a	72.0 b	100.0 a
8 LEXAR 3.7 SE 2,4-D ESTER 3.8 EC (AE) GRAMOXONE INTEON 2 SL NIS	3110.0 gai/ha 533.0 gae/ha 840.0 gai/ha 0.25 %v/v		100.0 a	0.0 a	100.0 a	93.8 a	72.3 b	100.0 a
9 BICEP II MAGNUM 5.5 SC 2,4-D ESTER 3.8 EC (AE) GRAMOXONE INTEON 2 SL NIS	2470.0 gai/ha 533.0 gae/ha 840.0 gai/ha 0.25 %v/v		100.0 a	0.0 a	100.0 a	94.8 a	65.5 b	100.0 a
10 LEXAR 3.7 SE AMMONIUM SULFATE TOUCHDOWN TOTAL 4.17 SL	3110.0 gai/ha 2.0 %w/v 880.0 gae/ha		100.0 a	0.0 a	100.0 a	100.0 a	97.5 a	100.0 a
11 BICEP II MAGNUM 5.5 SC AMMONIUM SULFATE TOUCHDOWN TOTAL 4.17 SL	2470.0 gai/ha 2.0 %w/v 880.0 gae/ha		100.0 a	0.0 a	100.0 a	100.0 a	96.0 a	100.0 a

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Assessment Date	Jun/04/2007 12:00 AM	Jun/20/2007 12:00 AM	Jun/20/2007 12:00 AM	Jun/20/2007 12:00 AM	Jun/16/2007 12:00 AM	Jul/16/2007 12:00 AM		
Assessed By	GK	VD+VM	VD+VM	VD+VM	MK	MK		
Crop Code	3 ZEAMD	4 ZEAMD	4 ZEAMD	4 ZEAMD	5 ZEAMD	5 ZEAMD		
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74		
Crop Development	15 15	17 18	17 18	17 18	63 65	63 65		
Pest Code	13 WCONYZCANGR		15 WCONYZCANGR	14 PANDI	16 PANDI	17 WCONYZCANGR		
Pest Variety	horseweed		horseweed	fall panicum	fall panicum	horseweed		
SE Group No.	3	3	4	4	5	5		
Assessment Data Type	CONTRO	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO		
Assessment Unit	%	%	%	%	%	%		
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW		
Number of Subsamples	1	1	1	1	1	1		
Days After Last Application	35	14	14	14	40	40		
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	8	9	10	11	12	13
12 LEXAR 3.7 SE	3110.0 gai/ha		100.0 a	0.0 a	100.0 a	100.0 a	97.0 a	100.0 a
GRAMOXONE INTEON 2 SL	840.0 gai/ha							
NIS	0.25 %v/v							
AMMONIUM SULFATE	2.0 %w/v							
TOUCHDOWN TOTAL 4.17 SL	880.0 gae/ha							
13 BICEP II MAGNUM 5.5 SC	2470.0 gai/ha		100.0 a	0.0 a	100.0 a	100.0 a	95.8 a	100.0 a
GRAMOXONE INTEON 2 SL	840.0 gai/ha							
NIS	0.25 %v/v							
AMMONIUM SULFATE	2.0 %w/v							
TOUCHDOWN TOTAL 4.17 SL	880.0 gae/ha							
14 LEXAR 3.7 SE	3110.0 gai/ha		100.0 a	0.0 a	100.0 a	100.0 a	96.5 a	100.0 a
2,4-D ESTER 3.8 EC (AE)	533.0 gae/ha							
GRAMOXONE INTEON 2 SL	840.0 gai/ha							
NIS	0.25 %v/v							
AMMONIUM SULFATE	2.0 %w/v							
TOUCHDOWN TOTAL 4.17 SL	880.0 gae/ha							
15 BICEP II MAGNUM 5.5 SC	2470.0 gai/ha		100.0 a	0.0 a	100.0 a	100.0 a	97.8 a	100.0 a
2,4-D ESTER 3.8 EC (AE)	533.0 gae/ha							
GRAMOXONE INTEON 2 SL	840.0 gai/ha							
NIS	0.25 %v/v							
AMMONIUM SULFATE	2.0 %w/v							
TOUCHDOWN TOTAL 4.17 SL	880.0 gae/ha							
16 LEXAR 3.7 SE	2052.0 gai/ha		100.0 a	0.0 a	100.0 a	100.0 a	99.3 a	100.0 a
AMMONIUM SULFATE	2.0 %w/v							
SEQUENCE 5.25 EW	1840.0 gae/ha							
17 BICEP II MAGNUM 5.5 SC	1630.0 gai/ha		100.0 a	0.0 a	100.0 a	99.3 a	96.0 a	100.0 a
AMMONIUM SULFATE	2.0 %w/v							
SEQUENCE 5.25 EW	1840.0 gae/ha							
18 LEXAR 3.7 SE	2052.0 gai/ha		100.0 a	0.0 a	100.0 a	100.0 a	99.3 a	100.0 a
GRAMOXONE INTEON 2 SL	840.0 gai/ha							
NIS	0.25 %v/v							
AMMONIUM SULFATE	2.0 %w/v							
SEQUENCE 5.25 EW	1840.0 gae/ha							

Purdue University

Assessment Date	Jun/04/2007 12:00 AM	Jun/20/2007 12:00 AM	Jun/20/2007 12:00 AM	Jun/20/2007 12:00 AM	Jul/16/2007 12:00 AM	Jul/16/2007 12:00 AM		
Assessed By	GK	VD+VM	VD+VM	VD+VM	MK	MK		
Crop Code	3 ZEAMD	4 ZEAMD	4 ZEAMD	4 ZEAMD	5 ZEAMD	5 ZEAMD		
Crop Variety	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74	DKC 63-74		
Crop Development	15 15	17 18	17 18	17 18	63 65	63 65		
Pest Code	13 WCONYZCANGR		15 WCONYZCANGR	14 PANDI	16 PANDI	17 WCONYZCANGR		
Pest Variety	horseweed		horseweed	fall panicum	fall panicum	horseweed		
SE Group No.	3	3	4	4	5	5		
Assessment Data Type	CONTRO	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO		
Assessment Unit	%	%	%	%	%	%		
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW	NOR RAW		
Number of Subsamples	1	1	1	1	1	1		
Days After Last Application	35	14	14	14	40	40		
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	8	9	10	11	12	13
19 BICEP II MAGNUM 5.5 SC	1630.0	gai/ha	100.0 a	0.0 a	100.0 a	100.0 a	98.0 a	100.0 a
GRAMOXONE INTEON 2 SL	840.0	gai/ha						
NIS	0.25	%v/v						
AMMONIUM SULFATE	2.0	%w/v						
SEQUENCE 5.25 EW	1840.0	gae/ha						
20 LEXAR 3.7 SE	2052.0	gai/ha	100.0 a	0.0 a	100.0 a	100.0 a	100.0 a	100.0 a
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha						
GRAMOXONE INTEON 2 SL	840.0	gai/ha						
NIS	0.25	%v/v						
AMMONIUM SULFATE	2.0	%w/v						
SEQUENCE 5.25 EW	1840.0	gae/ha						
21 BICEP II MAGNUM 5.5 SC	1630.0	gai/ha	100.0 a	0.0 a	100.0 a	100.0 a	99.8 a	100.0 a
2,4-D ESTER 3.8 EC (AE)	533.0	gae/ha						
GRAMOXONE INTEON 2 SL	840.0	gai/ha						
NIS	0.25	%v/v						
AMMONIUM SULFATE	2.0	%w/v						
SEQUENCE 5.25 EW	1840.0	gae/ha						
22 CHECK UNTREATED			0.0 d	0.0 a	0.0 d	0.0 d	0.0 d	0.0 c
LSD (P=.05)	5.42			0.00	2.47	10.33	14.15	4.26
Standard Deviation	3.83			0.00	1.75	7.31	10.00	3.01
CV	4.43			0.0	1.98	8.37	12.59	3.45
Bartlett's X2	1.646			0.0	0.213	20.866	99.775	4.264
P(Bartlett's X2)	0.20			.	0.645	0.002*	0.001*	0.039*
Replicate F	1.000			0.000	0.585	4.335	3.023	0.905
Replicate Prob(F)	0.3988			1.0000	0.6272	0.0077	0.0361	0.4436
Treatment F	288.410			0.000	1207.062	63.755	37.105	472.635
Treatment Prob(F)	0.0001			1.0000	0.0001	0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.