

Purdue University

Fall applied herbicides prior to no-till soybean.

Trial ID: 06F-SEP-NTS-05
Location: SEPAC

Study Dir.: Vince Davis
Investigator: Dr. William G. Johnson

GENERAL TRIAL INFORMATION

Study Director: Vince Davis **Title:** Research Associate
Affiliation: Purdue University
Postal Code: 47909
Investigator: Dr. William G. Johnson **Title:** Research Associate
Affiliation: Purdue University
Postal Code: 47909

TRIAL LOCATION

City: Butlerville
State/Prov.: IN
Postal Code: 47223
Country: USA
Directions: Field F10

COOPERATOR/LANDOWNER

Cooperator: Southeast Purdue Ag Center **Country:** USA
Org: Purdue University **Phone No:** 812-458-6977
Address 1: 4425 E Co Rd 350 N **Fax No:** 812-458-6979
Address 2: PO Box 216
City: Butlerville
State/Prov: IN
Postal Code: 47223

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective: The objective is to determine the efficacy of fall applied no-till soybean herbicides for the control of winter annual weeds and horseweed.

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	STEME	Common chickweed	Stellaria media
2.	POAAN	Annual bluegrass	Poa annua
3.	ERICA	Canada horseweed	Erigeron canadensis
4.	VERSS	Speedwell	Veronica sp.

Crop 1: GLXMA SOYBEAN **Variety:** Pioneer 93M95
Planting Date: 15/May/2007 **Planting Method:** DIRECT DRILLED
Rate: 130000 S/A **Depth:** 1 IN
Row Spacing: 30 IN **Soil Moisture:** NORMAL **Emergence Date:** 25/May/2007

SITE AND DESIGN

Plot Width, Unit: 10 FT **Plot Length, Unit:** 30 FT **Reps:** 4
Site Type: FIELD
Tillage Type: NO-TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

Previous Crops	
1.	Doublecrop Soybean

SOIL DESCRIPTION

% OM: 2.1 **Texture:** Silty Loam
pH: 5.9 **Soil Name:** Avonburg
CEC: 5.4

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit
Phosphorus	26	ppm
Potassium	121	ppm
Calcium	820	ppm
Magnesium	120	ppm

Closest Weather Station: On the farm

Distance: 0.5 **Unit:** MI

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APPLICATION DESCRIPTION

	A
Application Date:	8/Nov/2006
Time of Day:	1:00 PM
Application Method:	SPRAY
Application Timing:	FALLBD
Applic. Placement:	BROFOL
Air Temp., Unit:	61 F
% Relative Humidity:	90
Wind Velocity, Unit:	2 MPH
Dew Presence (Y/N):	N
Water Hardness:	Very Hard
Soil Temp., Unit:	52 F
Soil Moisture:	Moist
% Cloud Cover:	100

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	GLXMA

WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	STEME Leaf
Stage Scale:	2-8"
Density, Unit:	5-50 YD2
Weed 2 Code, Stage:	POAAN
Weed 3 Code, Stage:	ERICA
Density, Unit:	0 YD2
Weed 4 Code, Stage:	VERSS

APPLICATION EQUIPMENT

	A
Appl. Equipment:	BackPack
Operating Pressure:	17 psi
Nozzle Type:	XR
Nozzle Size:	11002
Nozzle Spacing, Unit:	15 IN
Boom Length, Unit:	7.5 FT
Boom Height, Unit:	15 IN
Ground Speed, Unit:	3 MPH
Carrier:	H2O
Spray Volume, Unit:	15 GPA
Propellant:	CO2

Trial Comments

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Fall applied herbicides prior to no-till soybean.

Trial ID: 06F-SEP-NTS-05
 Location: SEPAC

Study Dir.: Vince Davis
 Investigator: Dr. William G. Johnson

Weed Code								POANN	STEME	ERICA	POANN	STEME	ERICA	
Part Rated								PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	
Rating Data Type								CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	
Rating Unit								%	%	%	%	%	%	
Rating Date								2/Apr/2007	2/Apr/2007	24/Apr/2007	8/May/2007	8/May/2007	8/May/2007	
Weed Stage								0-2.5"	1-6"Flwr	0.5-1"	0-10"	6-10"	1-3"	
Weed Density, Unit								100 YD2	30 YD2	675 YD2	18 YD2	2 YD2	.5 YD2	
Assessed By								VMD KW	VMD KW	GK W GJ GN	GN VM	GN VM	GN VM	
Tri-Eval Interval								145 DA-A	145 DA-A	167 DA-A	181 DA-A	181 DA-A	181 DA-A	
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5	6
1	non-treated check							101	0.0	0.0	0.0	0.0	0.0	0.0
								506	0.0	0.0	0.0	0.0	0.0	0.0
								802	0.0	0.0	0.0	0.0	0.0	0.0
								907	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
2	Roundup OriginalMAX	0.77	LB AE/A	22	FL OZ/A	FALL BD	A	102	99.0	99.0	99.0	80.0	99.0	97.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	404	99.0	85.0	45.0	91.0	80.0	30.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD	A	709	80.0	70.0	10.0	55.0	30.0	0.0
								906	90.0	80.0	38.0	85.0	0.0	15.0
								Mean =	92.0	83.5	48.0	77.8	52.3	35.5
3	Canopy EX							103	100.0	100.0	100.0	100.0	100.0	93.0
	Classic	0.0313	LB A/A	2	OZ/A	FALL BD	A	401	100.0	100.0	100.0	100.0	100.0	99.0
	Express	0.0094	LB A/A	0.2	OZ/A	FALL BD	A	706	98.0	98.0	97.0	96.0	70.0	93.0
	Roundup OriginalMAX	0.77	LB AE/A	22	FL OZ/A	FALL BD	A	1005	100.0	100.0	97.0	98.0	90.0	90.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A							
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD	A							
	NIS	0.25	% V/V	0.25	% V/V	FALL BD	A							
								Mean =	99.5	99.5	98.5	98.5	90.0	93.8
4	Scepter	0.123	LB A/A	2.8	OZ/A	FALL BD	A	104	100.0	99.0	100.0	100.0	100.0	99.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	503	95.0	100.0	90.0	93.0	99.0	45.0
	Roundup OriginalMAX	0.77	LB AE/A	22	FL OZ/A	FALL BD	A	805	95.0	95.0	25.0	82.0	96.0	5.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD	A	901	90.0	99.0	20.0	89.0	98.0	0.0
	NIS	0.25	% V/V	0.25	% V/V	FALL BD	A							
								Mean =	95.0	98.3	58.8	91.0	98.3	37.3
5	Scepter	0.123	LB A/A	2.8	OZ/A	FALL BD	A	105	98.0	100.0	.	.	.	.
	Weedmaster	0.97	LB A/A	1	QT/A	FALL BD	A	408	97.0	100.0	70.0	85.0	99.0	43.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD	A	801	70.0	97.0	33.0	20.0	60.0	0.0
	NIS	0.25	% V/V	0.25	% V/V	FALL BD	A	1003	75.0	95.0	35.0	45.0	90.0	5.0
								Mean =	85.0	98.0	46.0	50.0	83.0	16.0
6	Extreme	0.81	LB A/A	3	PT/A	FALL BD	A	106	99.0	100.0	100.0	89.0	95.0	100.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	307	90.0	99.0	45.0	68.0	99.0	5.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD	A	605	88.0	90.0	62.0	70.0	45.0	15.0
	NIS	0.25	% V/V	0.25	% V/V	FALL BD	A	905	90.0	80.0	23.0	70.0	0.0	0.0
								Mean =	91.8	92.3	57.5	74.3	59.8	30.0
7	Aim EW	0.0148	LB A/A	1	FL OZ/A	FALL BD	A	107	99.0	100.0	100.0	96.0	75.0	98.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	410	100.0	90.0	97.0	100.0	68.0	50.0
	Spartan 4F	0.125	LB A/A	4	FL OZ/A	FALL BD	A	606	90.0	85.0	20.0	87.0	5.0	5.0
	Sencor 75DF	0.187	LB A/A	0.25	LB/A	FALL BD	A	1009	98.0	93.0	3.0	95.0	15.0	0.0
	Crop Oil Conc	1.25	% V/V	0.75	QT/A	FALL BD	A							
								Mean =	96.8	92.0	55.0	94.5	40.8	38.3
8	Autumn	0.00188	LB A/A	0.3	OZ/A	FALL BD	A	108	100.0	99.0	100.0	98.0	95.0	90.0
	Sencor 75DF	0.47	LB A/A	10	OZ/A	FALL BD	A	306	90.0	90.0	25.0	75.0	95.0	2.0
	Crop Oil Conc	1	% V/V	0.6	QT/A	FALL BD	A	608	97.0	100.0	50.0	78.0	97.0	3.0
	28% UAN	1.88	% V/V	1.13	QT/A	FALL BD	A	1004	100.0	100.0	25.0	80.0	95.0	15.0
								Mean =	96.8	97.3	50.0	82.8	95.5	27.5

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Weed Code								POANN	STEME	ERICA	POANN	STEME	ERICA	
Part Rated								PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	
Rating Data Type								CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	
Rating Unit								%	%	%	%	%	%	
Rating Date								2/Apr/2007	2/Apr/2007	24/Apr/2007	8/May/2007	8/May/2007	8/May/2007	
Weed Stage								0-2.5"	1-6"Flwr	0.5-1"	0-10"	6-10"	1-3"	
Weed Density, Unit								100 YD2	30 YD2	675 YD2	18 YD2	2 YD2	.5 YD2	
Assessed By								VMD KW	VMD KW	GK W/GJ GN	GN VM	GN VM	GN VM	
Trt-Eval Interval								145 DA-A	145 DA-A	167 DA-A	181 DA-A	181 DA-A	181 DA-A	
Trt No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5	6
9	Autumn	0.00188	LB A/A	0.3	OZ/A	FALL BD	A	109	97.0	100.0	100.0	57.0	98.0	87.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	406	90.0	99.0	50.0	75.0	99.0	45.0
	Crop Oil Conc	1	% V/V	0.6	QT/A	FALL BD	A	610	20.0	25.0	35.0	0.0	95.0	0.0
	28% UAN	1.88	% V/V	1.13	QT/A	FALL BD	A	903	75.0	80.0	30.0	15.0	2.0	25.0
	Mean =								70.5	76.0	53.8	36.8	73.5	39.3
10	Autumn	0.00188	LB A/A	0.3	OZ/A	FALL BD	A	110	98.0	100.0	99.0	47.0	65.0	85.0
	Roundup WeatherMAX	0.42	LB AE/A	12	FL OZ/A	FALL BD	A	507	97.0	100.0	75.0	90.0	97.0	10.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD	A	702	65.0	95.0	10.0	50.0	15.0	2.0
								908	95.0	95.0	0.0	50.0	95.0	0.0
	Mean =								88.8	97.5	46.0	59.3	68.0	24.3
11	KIH-485	84.6	G A/A	0.22	LB/A	FALL BD	A	201	100.0	99.0	85.0	99.0	100.0	45.0
	Roundup WeatherMAX	0.42	LB AE/A	12	FL OZ/A	FALL BD	A	309	100.0	100.0	58.0	100.0	95.0	15.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD	A	704	100.0	90.0	0.0	100.0	0.0	0.0
								902	98.0	97.0	0.0	98.0	0.0	0.0
	Mean =								99.5	96.5	35.8	99.3	48.8	15.0
12	KIH-485	101.2	G A/A	0.262	LB/A	FALL BD	A	202	100.0	99.0	100.0	99.0	95.0	80.0
	Roundup WeatherMAX	0.42	LB AE/A	12	FL OZ/A	FALL BD	A	504	100.0	100.0	89.0	99.0	70.0	35.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD	A	703	100.0	100.0	.	.	.	.
								809	100.0	100.0	18.0	99.0	70.0	0.0
	Mean =								100.0	99.8	69.0	99.0	78.3	38.3
13	Classic	0.0234	LB A/A	1.5	OZ/A	FALL BD	A	203	100.0	100.0	100.0	97.0	100.0	100.0
	Reflex	0.25	LB A/A	1	PT/A	FALL BD	A	505	100.0	100.0	100.0	98.0	100.0	100.0
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD	A	804	97.0	97.0	95.0	91.0	68.0	95.0
								807	95.0	93.0	99.0	96.0	85.0	95.0
	Mean =								98.0	97.5	98.5	95.5	88.3	97.5
14	Classic	0.0234	LB A/A	1.5	OZ/A	FALL BD	A	204	100.0	100.0	100.0	99.0	100.0	100.0
	Reflex	0.25	LB A/A	1	PT/A	FALL BD	A	501	95.0	100.0	100.0	93.0	99.0	99.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	803	90.0	93.0	97.0	90.0	47.0	96.0
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD	A	806	90.0	90.0	98.0	97.0	60.0	96.0
	Mean =								93.8	95.8	98.8	94.8	76.5	97.8
15	Classic	0.0234	LB A/A	1.5	OZ/A	FALL BD	A	205	99.0	100.0	100.0	100.0	100.0	98.0
	Banvel	0.5	LB A/A	1	PT/A	FALL BD	A	407	100.0	100.0	100.0	100.0	100.0	98.0
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD	A	710	98.0	100.0	99.0	97.0	97.0	92.0
								910	98.0	98.0	98.0	95.0	92.0	98.0
	Mean =								98.8	99.5	99.3	98.0	97.3	96.5
16	Classic	0.0234	LB A/A	1.5	OZ/A	FALL BD	A	206	100.0	100.0	100.0	99.0	100.0	98.0
	Banvel	0.5	LB A/A	1	PT/A	FALL BD	A	409	100.0	100.0	100.0	100.0	100.0	100.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	705	90.0	99.0	93.0	96.0	99.0	92.0
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD	A	810	99.0	100.0	100.0	98.0	91.0	97.0
	Mean =								97.3	99.8	98.3	98.3	97.5	96.8
17	Northstar	0.16	LB A/A	5	OZ/A	FALL BD	A	207	95.0	100.0	99.0	65.0	100.0	30.0
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD	A	308	85.0	99.0	30.0	7.0	99.0	5.0
								602	30.0	50.0	75.0	2.0	35.0	15.0
								1002	80.0	93.0	35.0	23.0	5.0	0.0
	Mean =								72.5	85.5	59.8	24.3	59.8	12.5
18	Canopy EX							208	100.0	100.0	100.0	98.0	100.0	78.0
	Classic	0.5	OZ A/A	2	OZ/A	FALL BD	A	405	99.0	100.0	100.0	100.0	100.0	98.0
	Express	0.15	OZ A/A	0.2	OZ/A	FALL BD	A	604	99.0	100.0	99.0	96.0	99.0	97.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	909	95.0	100.0	99.0	97.0	99.0	90.0
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD	A							
Mean =								98.3	100.0	99.5	97.8	99.5	90.8	

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Weed Code								POANN	STEME	ERICA	POANN	STEME	ERICA	
Part Rated								PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	
Rating Data Type								CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	
Rating Unit								%	%	%	%	%	%	
Rating Date								2/Apr/2007	2/Apr/2007	24/Apr/2007	8/May/2007	8/May/2007	8/May/2007	
Weed Stage								0-2.5"	1-6"Flwr	0.5-1"	0-10"	6-10"	1-3"	
Weed Density, Unit								100 YD2	30 YD2	675 YD2	18 YD2	2 YD2	.5 YD2	
Assessed By								VMD KW	VMD KW	GK WJ GN	GN VM	GN VM	GN VM	
Trt-Eval Interval								145 DA-A	145 DA-A	167 DA-A	181 DA-A	181 DA-A	181 DA-A	
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5	6
19	Canopy EX							209	100.0	100.0	100.0	97.0	100.0	100.0
	Classic	0.25	OZ A/A	1	OZ/A	FALL BD	A	402	100.0	100.0	.	.	.	.
	Express	0.075	OZ A/A	0.1	OZ/A	FALL BD	A	707	98.0	98.0	98.0	95.0	50.0	95.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	1007	99.0	100.0	93.0	93.0	80.0	80.0
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD	A							
								Mean =	99.3	99.5	97.0	95.0	76.7	91.7
20	Autumn	0.022	OZ A/A	0.22	OZ/A	FALL BD	A	210	85.0	100.0	99.0	3.0	90.0	89.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	403	95.0	95.0	73.0	70.0	98.0	75.0
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD	A	609	35.0	50.0	50.0	0.0	30.0	10.0
								808	75.0	90.0	20.0	0.0	45.0	5.0
								Mean =	72.5	83.8	60.5	18.3	65.8	44.8
21	Roundup WeatherMAX	0.53	LB AE/A	15.13	FL OZ/A	FALL BD	A	301	83.0	100.0	15.0	15.0	95.0	3.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	508	90.0	95.0	72.0	70.0	10.0	10.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD	A	603	90.0	95.0	50.0	30.0	5.0	2.0
								904	85.0	80.0	50.0	65.0	0.0	15.0
								Mean =	87.0	92.5	46.8	45.0	27.5	7.5
22	non-treated check							302	0.0	0.0	0.0	0.0	0.0	0.0
								310	0.0	0.0	0.0	0.0	0.0	0.0
								607	0.0	0.0	0.0	0.0	0.0	0.0
								1001	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
23	non-treated check							303	0.0	0.0	0.0	0.0	0.0	0.0
								510	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
								1006	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
24	non-treated check							304	0.0	0.0	0.0	0.0	0.0	0.0
								502	0.0	0.0	0.0	0.0	0.0	0.0
								601	0.0	0.0	0.0	0.0	0.0	0.0
								1008	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
25	non-treated check							305	0.0	0.0	0.0	0.0	0.0	0.0
								509	0.0	0.0	0.0	0.0	0.0	0.0
								708	0.0	0.0	0.0	0.0	0.0	0.0
								1010	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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Weed Code								VERSS	ERICA	
Part Rated								PLAQUA P	PLAQUA P	
Rating Data Type								CONTRO	CONTRO	
Rating Unit								%	%	
Rating Date								8/May/2007	29/May/2007	
Weed Stage								4-6"	1-6"	
Weed Density, Unit								4 YD2	2 YD2	
Assessed By								GN VM	GK GN	
Trt-Eval Interval								181 DA-A	202 DA-A	
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	7	8
1	non-treated check							101	0.0	0.0
								506	0.0	0.0
								802	0.0	0.0
								907	0.0	0.0
								Mean =	0.0	0.0
2	Roundup OriginalMAX	0.77	LB AE/A	22	FL OZ/A	FALL	BD A	102	35.0	50.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL	BD A	404	20.0	20.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL	BD A	709	0.0	0.0
								906	0.0	0.0
								Mean =	13.8	17.5
3	Canopy EX							103	99.0	50.0
	Classic	0.0313	LB A/A	2	OZ/A	FALL	BD A	401	100.0	95.0
	Express	0.0094	LB A/A	0.2	OZ/A	FALL	BD A	706	95.0	75.0
	Roundup OriginalMAX	0.77	LB AE/A	22	FL OZ/A	FALL	BD A	1005	93.0	80.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL	BD A			
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL	BD A			
	NIS	0.25	% V/V	0.25	% V/V	FALL	BD A			
								Mean =	96.8	75.0
4	Scepter	0.123	LB A/A	2.8	OZ/A	FALL	BD A	104	55.0	80.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL	BD A	503	55.0	0.0
	Roundup OriginalMAX	0.77	LB AE/A	22	FL OZ/A	FALL	BD A	805	0.0	0.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL	BD A	901	0.0	0.0
	NIS	0.25	% V/V	0.25	% V/V	FALL	BD A			
								Mean =	27.5	20.0
5	Scepter	0.123	LB A/A	2.8	OZ/A	FALL	BD A	105	.	.
	Weedmaster	0.97	LB A/A	1	QT/A	FALL	BD A	408	88.0	20.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL	BD A	801	0.0	0.0
	NIS	0.25	% V/V	0.25	% V/V	FALL	BD A	1003	0.0	0.0
								Mean =	29.3	6.7
6	Extreme	0.81	LB A/A	3	PT/A	FALL	BD A	106	75.0	50.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL	BD A	307	40.0	0.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL	BD A	605	2.0	0.0
	NIS	0.25	% V/V	0.25	% V/V	FALL	BD A	905	0.0	0.0
								Mean =	29.3	12.5
7	Aim EW	0.0148	LB A/A	1	FL OZ/A	FALL	BD A	107	55.0	50.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL	BD A	410	93.0	0.0
	Spartan 4F	0.125	LB A/A	4	FL OZ/A	FALL	BD A	606	3.0	0.0
	Sencor 75DF	0.187	LB A/A	0.25	LB/A	FALL	BD A	1009	20.0	0.0
	Crop Oil Conc	1.25	% V/V	0.75	QT/A	FALL	BD A			
								Mean =	42.8	12.5
8	Autumn	0.00188	LB A/A	0.3	OZ/A	FALL	BD A	108	46.0	65.0
	Sencor 75DF	0.47	LB A/A	10	OZ/A	FALL	BD A	306	45.0	0.0
	Crop Oil Conc	1	% V/V	0.6	QT/A	FALL	BD A	608	10.0	0.0
	28% UAN	1.88	% V/V	1.13	QT/A	FALL	BD A	1004	0.0	0.0
								Mean =	25.3	16.3
9	Autumn	0.00188	LB A/A	0.3	OZ/A	FALL	BD A	109	3.0	10.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL	BD A	406	89.0	15.0
	Crop Oil Conc	1	% V/V	0.6	QT/A	FALL	BD A	610	0.0	0.0
	28% UAN	1.88	% V/V	1.13	QT/A	FALL	BD A	903	0.0	15.0
								Mean =	23.0	10.0

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Weed Code								VERSS	ERICA	
Part Rated								PLAQUA P	PLAQUA P	
Rating Data Type								CONTRO	CONTRO	
Rating Unit								%	%	
Rating Date								8/May/2007	29/May/2007	
Weed Stage								4-6"	1-6"	
Weed Density, Unit								4 YD2	2 YD2	
Assessed By								GN VM	GK GN	
Trt-Eval Interval								181 DA-A	202 DA-A	
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	7	8
10	Autumn Roundup WeatherMAX AMS	0.00188 0.42 17	LB A/A LB AE/A LB A/100 GAL	0.3 12 17	OZ/A FL OZ/A LB/100 GAL	FALL BD FALL BD FALL BD	A A A	110 507 702 908	35.0 5.0 0.0 0.0	30.0 0.0 0.0 0.0
Mean =									10.0	7.5
11	KIH-485 Roundup WeatherMAX AMS	84.6 0.42 17	G A/A LB AE/A LB A/100 GAL	0.22 12 17	LB/A FL OZ/A LB/100 GAL	FALL BD FALL BD FALL BD	A A A	201 309 704 902	30.0 15.0 0.0 0.0	0.0 0.0 0.0 0.0
Mean =									11.3	0.0
12	KIH-485 Roundup WeatherMAX AMS	101.2 0.42 17	G A/A LB AE/A LB A/100 GAL	0.262 12 17	LB/A FL OZ/A LB/100 GAL	FALL BD FALL BD FALL BD	A A A	202 504 703 809	60.0 65.0 .0 0.0	0.0 0.0 .0 0.0
Mean =									41.7	0.0
13	Classic Reflex Crop Oil Conc	0.0234 0.25 1	LB A/A LB A/A % V/V	1.5 1 1	OZ/A PT/A % V/V	FALL BD FALL BD FALL BD	A A A	203 505 804 807	100.0 100.0 70.0 96.0	70.0 90.0 70.0 80.0
Mean =									91.5	77.5
14	Classic Reflex 2,4-D Ester Crop Oil Conc	0.0234 0.25 0.5 1	LB A/A LB A/A LB A/A % V/V	1.5 1 1 1	OZ/A PT/A PT/A % V/V	FALL BD FALL BD FALL BD FALL BD	A A A A	204 501 803 806	100.0 96.0 88.0 88.0	95.0 90.0 75.0 80.0
Mean =									93.0	85.0
15	Classic Banvel Crop Oil Conc	0.0234 0.5 1	LB A/A LB A/A % V/V	1.5 1 1	OZ/A PT/A % V/V	FALL BD FALL BD FALL BD	A A A	205 407 710 910	99.0 100.0 97.0 80.0	95.0 95.0 25.0 90.0
Mean =									94.0	76.3
16	Classic Banvel 2,4-D Ester Crop Oil Conc	0.0234 0.5 0.5 1	LB A/A LB A/A LB A/A % V/V	1.5 1 1 1	OZ/A PT/A PT/A % V/V	FALL BD FALL BD FALL BD FALL BD	A A A A	206 409 705 810	99.0 100.0 90.0 97.0	60.0 95.0 85.0 80.0
Mean =									96.5	80.0
17	Northstar Crop Oil Conc	0.16 1	LB A/A % V/V	5 1	OZ/A % V/V	FALL BD FALL BD	A A	207 308 602 1002	50.0 45.0 15.0 10.0	10.0 0.0 0.0 0.0
Mean =									30.0	2.5
18	Canopy EX Classic Express 2,4-D Ester Crop Oil Conc	0.5 0.15 0.5 1	OZ A/A OZ A/A LB A/A % V/V	2 0.2 1 1	OZ/A OZ/A PT/A % V/V	FALL BD FALL BD FALL BD FALL BD	A A A A	208 405 604 909	98.0 100.0 85.0 93.0	98.0 90.0 90.0 87.0
Mean =									94.0	91.3
19	Canopy EX Classic Express 2,4-D Ester Crop Oil Conc	0.25 0.075 0.5 1	OZ A/A OZ A/A LB A/A % V/V	1 0.1 1 1	OZ/A OZ/A PT/A % V/V	FALL BD FALL BD FALL BD FALL BD	A A A A	209 402 707 1007	100.0 .0 96.0 90.0	95.0 .0 75.0 80.0
Mean =									95.3	83.3

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								VERSS	ERICA	
								PLAQUA P	PLAQUA P	
								CONTRO	CONTRO	
								%	%	
								8/May/2007	29/May/2007	
								4-6"	1-6"	
								4 YD2	2 YD2	
								GN VM	GK GN	
								181 DA-A	202 DA-A	
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	7	8
20	Autumn	0.022	OZ A/A	0.22	OZ/A	FALL BD	A	210	20.0	30.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	403	85.0	25.0
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD	A	609	0.0	0.0
								808	10.0	0.0
								Mean =	28.8	13.8
21	Roundup WeatherMAX	0.53	LB AE/A	15.13	FL OZ/A	FALL BD	A	301	70.0	0.0
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD	A	508	5.0	0.0
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD	A	603	2.0	0.0
								904	0.0	15.0
								Mean =	19.3	3.8
22	non-treated check							302	0.0	0.0
								310	0.0	0.0
								607	0.0	0.0
								1001	0.0	0.0
								Mean =	0.0	0.0
23	non-treated check							303	0.0	0.0
								510	0.0	0.0
								701	0.0	0.0
								1006	0.0	0.0
								Mean =	0.0	0.0
24	non-treated check							304	0.0	0.0
								502	0.0	0.0
								601	0.0	0.0
								1008	0.0	0.0
								Mean =	0.0	0.0
25	non-treated check							305	0.0	0.0
								509	0.0	0.0
								708	0.0	0.0
								1010	0.0	0.0
								Mean =	0.0	0.0

Purdue University

Fall applied herbicides prior to no-till soybean.

Trial ID: 06F-SEP-NTS-05
 Location: SEPAC

Study Dir.: Vince Davis
 Investigator: Dr. William G. Johnson

Weed Code								POANN PLAQUA P CONTRO %	STEME PLAQUA P CONTRO %	ERICA PLAQUA P CONTRO %	POANN PLAQUA P CONTRO %	STEME PLAQUA P CONTRO %	ERICA PLAQUA P CONTRO %
Part Rated								2/Apr/2007 0-2.5"	2/Apr/2007 1-6"Flwr	24/Apr/2007 0.5-1"	8/May/2007 0-10"	8/May/2007 6-10"	8/May/2007 1-3"
Rating Data Type								100 YD2	30 YD2	675 YD2	18 YD2	2 YD2	.5 YD2
Rating Unit								VMD KW	VMD KW	GK WGJ GN	GN VM	GN VM	GN VM
Rating Date								145 DA-A	145 DA-A	167 DA-A	181 DA-A	181 DA-A	181 DA-A
Weed Stage													
Weed Density, Unit													
Assessed By													
Tri-Eval Interval													
Tri No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
1	non-treated check							0.0 e	0.0 f	0.0 d	0.0 h	0.0 h	0.0 e
2	Roundup OriginalMAX	0.77	LB AE/A	22	FL OZ/A	FALL BD A	A	92.0 ab	83.5 de	48.0 bc	77.8 bcd	52.3 d-g	35.5 bcd
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A	A						
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A	A						
3	Canopy EX							99.5 ab	99.5 a	98.5 a	98.5 a	90.0 abc	93.8 a
	Classic	0.0313	LB A/A	2	OZ/A	FALL BD A	A						
	Express	0.0094	LB A/A	0.2	OZ/A	FALL BD A	A						
	Roundup OriginalMAX	0.77	LB AE/A	22	FL OZ/A	FALL BD A	A						
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A	A						
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A	A						
	NIS	0.25	% V/V	0.25	% V/V	FALL BD A	A						
4	Scepter	0.123	LB A/A	2.8	OZ/A	FALL BD A	A	95.0 ab	98.3 ab	58.8 bc	91.0 abc	98.3 ab	37.3 bcd
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A	A						
	Roundup OriginalMAX	0.77	LB AE/A	22	FL OZ/A	FALL BD A	A						
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A	A						
	NIS	0.25	% V/V	0.25	% V/V	FALL BD A	A						
5	Scepter	0.123	LB A/A	2.8	OZ/A	FALL BD A	A	85.0 bcd	98.0 ab	46.0 bc	50.0 ef	83.0 a-d	16.0 b-e
	Weedmaster	0.97	LB A/A	1	QT/A	FALL BD A	A						
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A	A						
	NIS	0.25	% V/V	0.25	% V/V	FALL BD A	A						
6	Extreme	0.81	LB A/A	3	PT/A	FALL BD A	A	91.8 ab	92.3 a-d	57.5 bc	74.3 cd	59.8 c-g	30.0 b-e
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A	A						
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A	A						
	NIS	0.25	% V/V	0.25	% V/V	FALL BD A	A						
7	Aim EW	0.0148	LB A/A	1	FL OZ/A	FALL BD A	A	96.8 ab	92.0 a-d	55.0 bc	94.5 ab	40.8 fg	38.3 bc
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A	A						
	Spartan 4F	0.125	LB A/A	4	FL OZ/A	FALL BD A	A						
	Sencor 75DF	0.187	LB A/A	0.25	LB/A	FALL BD A	A						
	Crop Oil Conc	1.25	% V/V	0.75	QT/A	FALL BD A	A						
8	Autumn	0.00188	LB A/A	0.3	OZ/A	FALL BD A	A	96.8 ab	97.3 abc	50.0 bc	82.8 abc	95.5 ab	27.5 b-e
	Sencor 75DF	0.47	LB A/A	10	OZ/A	FALL BD A	A						
	Crop Oil Conc	1	% V/V	0.6	QT/A	FALL BD A	A						
	28% UAN	1.88	% V/V	1.13	QT/A	FALL BD A	A						
9	Autumn	0.00188	LB A/A	0.3	OZ/A	FALL BD A	A	70.5 d	76.0 e	53.8 bc	36.8 fg	73.5 a-f	39.3 bc
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A	A						
	Crop Oil Conc	1	% V/V	0.6	QT/A	FALL BD A	A						
	28% UAN	1.88	% V/V	1.13	QT/A	FALL BD A	A						
10	Autumn	0.00188	LB A/A	0.3	OZ/A	FALL BD A	A	88.8 ab	97.5 ab	46.0 bc	59.3 de	68.0 a-f	24.3 b-e
	Roundup WeatherMAX	0.42	LB AE/A	12	FL OZ/A	FALL BD A	A						
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A	A						
11	KIH-485	84.6	G A/A	0.22	LB/A	FALL BD A	A	99.5 ab	96.5 a-d	35.8 c	99.3 a	48.8 efg	15.0 b-e
	Roundup WeatherMAX	0.42	LB AE/A	12	FL OZ/A	FALL BD A	A						
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A	A						
12	KIH-485	101.2	G A/A	0.262	LB/A	FALL BD A	A	100.0 a	99.8 a	69.0 ab	99.0 a	78.3 a-e	38.3 bc
	Roundup WeatherMAX	0.42	LB AE/A	12	FL OZ/A	FALL BD A	A						
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A	A						

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Weed Code	POANN	STEME	ERICA	POANN	STEME	ERICA
Part Rated	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P	PLAQUA P
Rating Data Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%	%
Rating Date	2/Apr/2007	2/Apr/2007	24/Apr/2007	8/May/2007	8/May/2007	8/May/2007
Weed Stage	0-2.5"	1-6"Flwr	0.5-1"	0-10"	6-10"	1-3"
Weed Density, Unit	100 YD2	30 YD2	675 YD2	18 YD2	2 YD2	.5 YD2
Assessed By	VMD KW	VMD KW	GK WGJ GN	GN VM	GN VM	GN VM
Trt-Eval Interval	145 DA-A	145 DA-A	167 DA-A	181 DA-A	181 DA-A	181 DA-A

Means followed by same letter do not significantly differ (P=.05, LSD)

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Weed Code							VERSS	ERICA		
Part Rated							PLAQUA P	PLAQUA P		
Rating Data Type							CONTRO	CONTRO		
Rating Unit							%	%		
Rating Date							8/May/2007	29/May/2007		
Weed Stage							4-6"	1-6"		
Weed Density, Unit							4 YD2	2 YD2		
Assessed By							GN VM	GK GN		
Trt-Eval Interval							181 DA-A	202 DA-A		
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code			
1	non-treated check						7	0.0 d	8	0.0 b
2	Roundup OriginalMAX	0.77	LB AE/A	22	FL OZ/A	FALL BD A		13.8 cd		17.5 b
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A				
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A				
3	Canopy EX							96.8 a		75.0 a
	Classic	0.0313	LB A/A	2	OZ/A	FALL BD A				
	Express	0.0094	LB A/A	0.2	OZ/A	FALL BD A				
	Roundup OriginalMAX	0.77	LB AE/A	22	FL OZ/A	FALL BD A				
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A				
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A				
	NIS	0.25	% V/V	0.25	% V/V	FALL BD A				
4	Scepter	0.123	LB A/A	2.8	OZ/A	FALL BD A		27.5 bc		20.0 b
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A				
	Roundup OriginalMAX	0.77	LB AE/A	22	FL OZ/A	FALL BD A				
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A				
	NIS	0.25	% V/V	0.25	% V/V	FALL BD A				
5	Scepter	0.123	LB A/A	2.8	OZ/A	FALL BD A		29.3 bc		6.7 b
	Weedmaster	0.97	LB A/A	1	QT/A	FALL BD A				
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A				
	NIS	0.25	% V/V	0.25	% V/V	FALL BD A				
6	Extreme	0.81	LB A/A	3	PT/A	FALL BD A		29.3 bc		12.5 b
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A				
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A				
	NIS	0.25	% V/V	0.25	% V/V	FALL BD A				
7	Aim EW	0.0148	LB A/A	1	FL OZ/A	FALL BD A		42.8 b		12.5 b
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A				
	Spartan 4F	0.125	LB A/A	4	FL OZ/A	FALL BD A				
	Sencor 75DF	0.187	LB A/A	0.25	LB/A	FALL BD A				
	Crop Oil Conc	1.25	% V/V	0.75	QT/A	FALL BD A				
8	Autumn	0.00188	LB A/A	0.3	OZ/A	FALL BD A		25.3 bcd		16.3 b
	Sencor 75DF	0.47	LB A/A	10	OZ/A	FALL BD A				
	Crop Oil Conc	1	% V/V	0.6	QT/A	FALL BD A				
	28% UAN	1.88	% V/V	1.13	QT/A	FALL BD A				
9	Autumn	0.00188	LB A/A	0.3	OZ/A	FALL BD A		23.0 bcd		10.0 b
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A				
	Crop Oil Conc	1	% V/V	0.6	QT/A	FALL BD A				
	28% UAN	1.88	% V/V	1.13	QT/A	FALL BD A				
10	Autumn	0.00188	LB A/A	0.3	OZ/A	FALL BD A		10.0 cd		7.5 b
	Roundup WeatherMAX	0.42	LB AE/A	12	FL OZ/A	FALL BD A				
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A				
11	KIH-485	84.6	G A/A	0.22	LB/A	FALL BD A		11.3 cd		0.0 b
	Roundup WeatherMAX	0.42	LB AE/A	12	FL OZ/A	FALL BD A				
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A				
12	KIH-485	101.2	G A/A	0.262	LB/A	FALL BD A		41.7 b		0.0 b
	Roundup WeatherMAX	0.42	LB AE/A	12	FL OZ/A	FALL BD A				
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A				

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Weed Code							VERSS	ERICA	
Part Rated							PLAQUA P	PLAQUA P	
Rating Data Type							CONTRO	CONTRO	
Rating Unit							%	%	
Rating Date							8/May/2007	29/May/2007	
Weed Stage							4-6"	1-6"	
Weed Density, Unit							4 YD2	2 YD2	
Assessed By							GN VM	GK GN	
Trt-Eval Interval							181 DA-A	202 DA-A	
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	7	8
13	Classic	0.0234	LB A/A	1.5	OZ/A	FALL BD A	A	91.5 a	77.5 a
	Reflex	0.25	LB A/A	1	PT/A	FALL BD A	A		
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD A	A		
14	Classic	0.0234	LB A/A	1.5	OZ/A	FALL BD A	A	93.0 a	85.0 a
	Reflex	0.25	LB A/A	1	PT/A	FALL BD A	A		
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A	A		
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD A	A		
15	Classic	0.0234	LB A/A	1.5	OZ/A	FALL BD A	A	94.0 a	76.3 a
	Banvel	0.5	LB A/A	1	PT/A	FALL BD A	A		
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD A	A		
16	Classic	0.0234	LB A/A	1.5	OZ/A	FALL BD A	A	96.5 a	80.0 a
	Banvel	0.5	LB A/A	1	PT/A	FALL BD A	A		
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A	A		
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD A	A		
17	Northstar	0.16	LB A/A	5	OZ/A	FALL BD A	A	30.0 bc	2.5 b
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD A	A		
18	Canopy EX							94.0 a	91.3 a
	Classic	0.5	OZ A/A	2	OZ/A	FALL BD A	A		
	Express	0.15	OZ A/A	0.2	OZ/A	FALL BD A	A		
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A	A		
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD A	A		
19	Canopy EX							95.3 a	83.3 a
	Classic	0.25	OZ A/A	1	OZ/A	FALL BD A	A		
	Express	0.075	OZ A/A	0.1	OZ/A	FALL BD A	A		
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A	A		
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD A	A		
20	Autumn	0.022	OZ A/A	0.22	OZ/A	FALL BD A	A	28.8 bc	13.8 b
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A	A		
	Crop Oil Conc	1	% V/V	1	% V/V	FALL BD A	A		
21	Roundup WeatherMAX	0.53	LB AE/A	15.13	FL OZ/A	FALL BD A	A	19.3 bcd	3.8 b
	2,4-D Ester	0.5	LB A/A	1	PT/A	FALL BD A	A		
	AMS	17	LB A/100 GAL	17	LB/100 GAL	FALL BD A	A		
22	non-treated check							0.0 d	0.0 b
23	non-treated check							0.0 d	0.0 b
24	non-treated check							0.0 d	0.0 b
25	non-treated check							0.0 d	0.0 b
LSD (P=.05)							26.59	22.26	
Standard Deviation							18.80	15.74	
CV							47.35	56.94	
Grand Mean							39.71	27.65	
Bartlett's X2							47.089	33.343	
P(Bartlett's X2)							0.001*	0.01*	
Replicate F							14.352	5.948	
Replicate Prob(F)							0.0001	0.0011	
Treatment F							15.433	19.447	
Treatment Prob(F)							0.0001	0.0001	

Purdue University

Weed Code	VERSS	ERICA
Part Rated	PLAQUA P	PLAQUA P
Rating Data Type	CONTRO	CONTRO
Rating Unit	%	%
Rating Date	8/May/2007	29/May/2007
Weed Stage	4-6"	1-6"
Weed Density, Unit	4 YD2	2 YD2
Assessed By	GN VM	GK GN
Trt-Eval Interval	181 DA-A	202 DA-A

Means followed by same letter do not significantly differ (P=.05, LSD)