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Spring Applied Herbicide Treatments for Preemergence and Postemergence Control of Dandelions in Corn

Trial ID: 05-ACRE-CORNDAN
Location: West Lafayette, IN

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

GENERAL TRIAL INFORMATION

Study Director: Vince Davis	Title: Research Associate
Affiliation: Purdue University	
Postal Code: 47907	
Investigator: Dr. William G. Johnson	Title: Associate Professor
Affiliation: Purdue University	
Postal Code: 47907	

TRIAL LOCATION

City: West Lafayette
State/Prov.: Indiana
Postal Code: 47906
Country: USA
Directions: Agronomy Center for Research and Education (ACRE) - In the DTC area

COOPERATOR/LANDOWNER

Cooperator: Agronomy Center for Res. & Educ.	Country: USA
	Phone No: 765-463-2632
Address 1: 4540 U.S. 52 West	
City: West Lafayette	
State/Prov: IN	
Postal Code: 47906	

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

Objective: The objective of this experiment was to evaluate various spring applied herbicides for the preemergence and postemergence control of dandelions in corn.

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	TAROF	Common dandelion	Taraxacum officinale

Crop 1: ZEAMX CORN, FIELD	Variety: Pioneer 34A16
Planting Date: 2/May/2005	Planting Method: DIRECT DRILLED
Rate: 30000 S/A	Depth: 2 IN
Row Spacing: 30 IN	
Soil Moisture: NORMAL	

SITE AND DESIGN

Plot Width, Unit: 5 FT	Plot Length, Unit: 20 FT	Reps: 4
Site Type: FIELD		
Tillage Type: NO-TILL	Study Design: RANDOMIZED COMPLETE BLOCK	

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63.	28/Sep/2005		0.88	IN	RAIN		
64.	2/Oct/2005		0.06	IN	RAIN		

Closest Weather Station: Located on the farm

Distance: 1

Unit: MI

APPLICATION DESCRIPTION

	A	B
Application Date:	25/Apr/2005	3/Jun/2005
Time of Day:	7:15PM	6:40AM
Application Method:	SPRAY	SPRAY
Application Timing:	SPRBD	POSPOS
Applic. Placement:	BROFOL	BROFOL
Air Temp., Unit:	40 F	64 F
% Relative Humidity:		94
Wind Velocity, Unit:	7.5 MPH	0 MPH
Soil Temp., Unit:	40 F	62
Soil Moisture:	DRY/MOIST	WET
% Cloud Cover:	100	100

CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	ZEAMX	ZEAMX
Stage Scale:	NA	V2
Height, Unit:		5 IN

WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code, Stage:	TAROF 13-31LVES	TAROF 12-35LVES
Stage Scale:	4-12"	4-14"
Density, Unit:	60 YD2	60 YD2

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	BACKPACK	BACKPACK
Operating Pressure:	25 psi	25 psi
Nozzle Type:	XR11002VS	XR11002VS
Nozzle Size:	XR11002VS	XR11002VS
Nozzle Spacing, Unit:	20 IN	20 IN
Boom Length, Unit:	10 FT	10 FT
Ground Speed, Unit:	3 MPH	3 MPH
Carrier:	water	water
Spray Volume, Unit:	15 gpa	15 gpa
Propellant:	CO2	CO2

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Trial ID: 05-ACRE-CORNDAN
 Location: West Lafayette, IN

Study Dir.: Vince Davis
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									TAROF	TAROF	TAROF	TAROF	TAROF
									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
									PLAQUA	PLAQUA	PLAQUA	PLAQUA C	PLAQUA P
									Efficacy	Efficacy	Efficacy	Efficacy	Efficacy
									%	%	%	%	%
									16/May/2005	3/Jun/2005	17/Jun/2005	1/Jul/2005	1/Jul/2005
									Spike	V2	V6	V8	
												12-30"	
									SEEDHEAD	FLOWER	FLOWER		3-12"
									50 YD2	70 YD2	70 YD2		110 YD2
									WGJ	VMD	VMD		
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5
1	Untreated							101	0	0	0	50	0
								205	0	0	0	70	0
								309	0	0	0	70	0
								401	0	0	0	70	0
								Mean =	0	0	0	65	0
2	Roundup Weathermax	0.77	lb ae/a	22	oz/a	SPRBD	A	102	30	40	60	35	75
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	201	20	40	40	60	65
	Steadfast ATZ	0.875	lb/a	14	oz/a	POSPOS	B	303	30	45	65	60	80
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B	402	20	20	30	60	70
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B						
								Mean =	25	36	49	54	73
3	2,4-D Ester	1	lb ae/a	1	qt/a	SPRBD	A	103	40	60	75	20	90
	Steadfast ATZ	0.875	lb/a	14	oz/a	POSPOS	B	204	40	40	90	55	93
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B	307	40	70	90	30	97
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B	409	35	45	90	30	90
								Mean =	39	54	86	34	93
4	Starane (a.e.)	0.126	lb ae/a	0.67	pt/a	SPRBD	A	104	30	20	10	60	20
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	206	30	15	0	70	0
								308	40	30	20	70	20
								404	30	25	15	70	30
								Mean =	33	23	11	68	18
5	Keystone	3.4	lb ai/a	2.6	qt/a	SPRBD	A	105	30	20	20	60	30
	Starane (a.e.)	0.126	lb ae/a	0.67	pt/a	SPRBD	A	202	50	20	25	50	30
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	301	30	30	25	70	20
								406	20	20	20	50	30
								Mean =	33	23	23	58	28
6	Keystone	3.4	lb ai/a	2.6	qt/a	SPRBD	A	106	40	25	20	50	30
	Starane (a.e.)	0.126	lb ae/a	0.67	pt/a	SPRBD	A	207	25	30	20	60	30
	GF-1279 (IPA-salt glyph)	0.375	lb ae/a	12	oz/a	SPRBD	A	305	30	40	30	50	35
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	403	55	30	20	50	35
								Mean =	38	31	23	53	33
7	Basis	0.0234	lb ai/a	0.5	oz/a	SPRBD	A	107	40	65	99	45	93
	2,4-D Ester	0.5	lb ae/a	1	pt/a	SPRBD	A	209	30	50	98	60	93
	Crop Oil Conc	1	% v/v	1	% v/v	SPRBD	A	302	45	60	98	50	97
	Steadfast	0.035	lb ai/a	0.75	oz/a	POSPOS	B	408	30	45	98	30	93
	Atrazine	1	lb ai/a	1	qt/a	POSPOS	B						
	Callisto	0.0625	lb ai/a	2	fl oz/a	POSPOS	B						
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B						
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B						
								Mean =	36	55	98	46	94
8	Lumax	2.96	lb ai/a	3	qt/a	SPRBD	A	108	50	90	95	0	90
	2,4-D Ester	0.5	lb ae/a	1	pt/a	SPRBD	A	203	65	95	95	0	95
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	306	65	93	90	0	90
								407	35	90	85	0	85
								Mean =	54	92	91	0	90

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Weed Code									TAROF	TAROF	TAROF	TAROF	TAROF
Crop Code									ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Part Rated									PLAQUA	PLAQUA	PLAQUA	PLAQUA C	PLAQUA P
Rating Data Type									Efficacy	Efficacy	Efficacy	Efficacy	Efficacy
Rating Unit									%	%	%	%	%
Rating Date									16/May/2005	3/Jun/2005	17/Jun/2005	1/Jul/2005	1/Jul/2005
Crop Stage									Spike	V2	V6	V8	
Crop Stage Scale												12-30"	
Weed Stage									SEEDHEAD	FLOWER	FLOWER		3-12"
Weed Density, Unit									50 YD2	70 YD2	70 YD2		110 YD2
Assessed By									WGJ	VMD	VMD		
Trit No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5
9	Roundup Weathermax	0.77	lb ae/a	22	oz/a	SPRBD	A	109	35	70	90	40	95
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	208	35	50	65	60	80
	2,4-D Ester	0.5	lb ae/a	1	pt/a	SPRBD	A	304	40	60	75	50	85
	Steadfast ATZ	0.875	lb/a	14	oz/a	POSPOS	B	405	30	50	75	30	97
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B						
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B						
								Mean =	35	58	76	45	89

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Weed Code									TAROF	TAROF
Crop Code									ZEAMX	ZEAMX
Part Rated									PLAQUA	
Rating Data Type									Efficacy	count
Rating Unit									%	per/3FT2
Rating Date									27/Sep/2005	27/Sep/2005
Crop Stage									R	
Crop Stage Scale										
Weed Stage									Rosette	
Weed Density, Unit									130 YD2	
Assessed By									EJO, VAM	EJO, VAM
Trt No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	6	7
1	Untreated							101	0	36
								205	0	16
								309	0	12
								401	0	32
								Mean =	0	24
2	Roundup Weathermax	0.77	lb ae/a	22	oz/a	SPRBD	A	102	35	28
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	201	60	24
	Steadfast ATZ	0.875	lb/a	14	oz/a	POSPOS	B	303	60	47
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B	402	40	20
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B			
								Mean =	49	30
3	2,4-D Ester	1	lb ae/a	1	qt/a	SPRBD	A	103	90	11
	Steadfast ATZ	0.875	lb/a	14	oz/a	POSPOS	B	204	95	10
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B	307	95	4
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B	409	90	27
								Mean =	93	13
4	Starane (a.e.)	0.126	lb ae/a	0.67	pt/a	SPRBD	A	104	10	30
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	206	0	18
								308	20	18
								404	15	20
								Mean =	11	22
5	Keystone	3.4	lb ai/a	2.6	qt/a	SPRBD	A	105	15	25
	Starane (a.e.)	0.126	lb ae/a	0.67	pt/a	SPRBD	A	202	75	17
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	301	15	36
								406	15	44
								Mean =	30	31
6	Keystone	3.4	lb ai/a	2.6	qt/a	SPRBD	A	106	10	33
	Starane (a.e.)	0.126	lb ae/a	0.67	pt/a	SPRBD	A	207	0	20
	GF-1279 (IPA-salt glyph)	0.375	lb ae/a	12	oz/a	SPRBD	A	305	40	23
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	403	25	25
								Mean =	19	25
7	Basis	0.0234	lb ai/a	0.5	oz/a	SPRBD	A	107	95	10
	2,4-D Ester	0.5	lb ae/a	1	pt/a	SPRBD	A	209	98	11
	Crop Oil Conc	1	% v/v	1	% v/v	SPRBD	A	302	75	27
	Steadfast	0.035	lb ai/a	0.75	oz/a	POSPOS	B	408	95	18
	Atrazine	1	lb ai/a	1	qt/a	POSPOS	B			
	Callisto	0.0625	lb ai/a	2	fl oz/a	POSPOS	B			
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B			
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B			
								Mean =	91	17
8	Lumax	2.96	lb ai/a	3	qt/a	SPRBD	A	108	99	16
	2,4-D Ester	0.5	lb ae/a	1	pt/a	SPRBD	A	203	100	0
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	306	95	11
								407	95	20
								Mean =	97	12

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Weed Code									TAROF	TAROF
Crop Code									ZEAMX	ZEAMX
Part Rated									PLAQUA	
Rating Data Type									Efficacy	count
Rating Unit									%	per/3FT2
Rating Date									27/Sep/2005	27/Sep/2005
Crop Stage									R	
Crop Stage Scale										
Weed Stage									Rosette	
Weed Density, Unit									130 YD2	
Assessed By									EJO, VAM	EJO, VAM
Trt No.	Treatment Name	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	6	7
9	Roundup Weathermax	0.77	lb ae/a	22	oz/a	SPRBD	A	109	90	10
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	208	50	22
	2,4-D Ester	0.5	lb ae/a	1	pt/a	SPRBD	A	304	85	10
	Steadfast ATZ	0.875	lb/a	14	oz/a	POSPOS	B	405	90	13
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B			
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B			
Mean =									79	14

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Location: West Lafayette, IN

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

								TAROF	TAROF	TAROF	TAROF	TAROF	TAROF
								ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
								PLAQUA	PLAQUA	PLAQUA	PLAQUA C	PLAQUA P	PLAQUA
								Efficacy	Efficacy	Efficacy	Efficacy	Efficacy	Efficacy
								%	%	%	%	%	%
								16/May/2005	3/Jun/2005	17/Jun/2005	1/Jul/2005	1/Jul/2005	27/Sep/2005
								Spike	V2	V6	V8		R
											12-30"		
								SEEDHEAD	FLOWER	FLOWER		3-12"	Rosette
								50 YD2	70 YD2	70 YD2		110 YD2	130 YD2
								WGJ	VMD	VMD			EJO, VAM
Trt	Treatment	Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
1	Untreated							0 d	0 e	0 g	65 ab	0 e	0 d
2	Roundup Weathermax AMS	0.77	lb ae/a	22	oz/a	SPRBD	A	25 c	36 c	49 d	54 bc	73 b	49 b
	Steadfast ATZ	0.875	lb/a	14	oz/a	POSPOS	B						
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B						
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B						
3	2,4-D Ester	1	lb ae/a	1	qt/a	SPRBD	A	39 b	54 b	86 bc	34 d	93 a	93 a
	Steadfast ATZ	0.875	lb/a	14	oz/a	POSPOS	B						
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B						
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B						
4	Starane (a.e.)	0.126	lb ae/a	0.67	pt/a	SPRBD	A	33 bc	23 d	11 f	68 a	18 d	11 cd
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A						
5	Keystone	3.4	lb ai/a	2.6	qt/a	SPRBD	A	33 bc	23 d	23 e	58 abc	28 c	30 bc
	Starane (a.e.)	0.126	lb ae/a	0.67	pt/a	SPRBD	A						
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A						
6	Keystone	3.4	lb ai/a	2.6	qt/a	SPRBD	A	38 bc	31 cd	23 e	53 bc	33 c	19 cd
	Starane (a.e.)	0.126	lb ae/a	0.67	pt/a	SPRBD	A						
	GF-1279 (IPA-salt glyph)	0.375	lb ae/a	12	oz/a	SPRBD	A						
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A						
7	Basis	0.0234	lb ai/a	0.5	oz/a	SPRBD	A	36 bc	55 b	98 a	46 cd	94 a	91 a
	2,4-D Ester	0.5	lb ae/a	1	pt/a	SPRBD	A						
	Crop Oil Conc	1	% v/v	1	% v/v	SPRBD	A						
	Steadfast	0.035	lb ai/a	0.75	oz/a	POSPOS	B						
	Atrazine	1	lb ai/a	1	qt/a	POSPOS	B						
	Callisto	0.0625	lb ai/a	2	fl oz/a	POSPOS	B						
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B						
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B						
8	Lumax	2.96	lb ai/a	3	qt/a	SPRBD	A	54 a	92 a	91 ab	0 e	90 a	97 a
	2,4-D Ester	0.5	lb ae/a	1	pt/a	SPRBD	A						
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A						
9	Roundup Weathermax	0.77	lb ae/a	22	oz/a	SPRBD	A	35 bc	58 b	76 c	45 cd	89 a	79 a
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A						
	2,4-D Ester	0.5	lb ae/a	1	pt/a	SPRBD	A						
	Steadfast ATZ	0.875	lb/a	14	oz/a	POSPOS	B						
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B						
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B						
LSD (P=.05)								12.6	9.7	11.2	12.5	8.7	22.6
Standard Deviation								8.6	6.6	7.7	8.6	6.0	15.5
CV								26.69	16.1	15.08	18.31	10.43	29.76
Grand Mean								32.36	41.19	50.78	46.81	57.31	52.0
Bartlett's X2								12.432	8.532	22.907	5.404	13.28	19.998
P(Bartlett's X2)								0.087	0.288	0.002*	0.611	0.066	0.006*

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Weed Code	TAROF	TAROF	TAROF	TAROF	TAROF	TAROF
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Part Rated	PLAQUA	PLAQUA	PLAQUA	PLAQUA C	PLAQUA P	PLAQUA
Rating Data Type	Efficacy	Efficacy	Efficacy	Efficacy	Efficacy	Efficacy
Rating Unit	%	%	%	%	%	%
Rating Date	16/May/2005	3/Jun/2005	17/Jun/2005	1/Jul/2005	1/Jul/2005	27/Sep/2005
Crop Stage	Spike	V2	V6	V8		R
Crop Stage Scale				12-30"		
Weed Stage	SEEDHEAD	FLOWER	FLOWER		3-12"	Rosette
Weed Density, Unit	50 YD2	70 YD2	70 YD2		110 YD2	130 YD2
Assessed By	WGJ	VMD	VMD			EJO, VAM
Replicate F	1.077	5.627	1.638	4.851	1.253	0.151
Replicate Prob(F)	0.3776	0.0046	0.2069	0.0089	0.3127	0.9283
Treatment F	11.048	64.922	98.482	22.598	157.829	24.775
Treatment Prob(F)	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Weed Code								TAROF
Crop Code								ZEAMX
Part Rated								
Rating Data Type								count
Rating Unit								per/3FT2
Rating Date								27/Sep/2005
Crop Stage								
Crop Stage Scale								
Weed Stage								
Weed Density, Unit								
Assessed By								EJO, VAM
Trt No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	
1	Untreated							24 abc
2	Roundup Weathermax	0.77	lb ae/a	22	oz/a	SPRBD	A	30 a
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	
	Steadfast ATZ	0.875	lb/a	14	oz/a	POSPOS	B	
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B	
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B	
3	2,4-D Ester	1	lb ae/a	1	qt/a	SPRBD	A	13 bc
	Steadfast ATZ	0.875	lb/a	14	oz/a	POSPOS	B	
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B	
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B	
4	Starane (a.e.)	0.126	lb ae/a	0.67	pt/a	SPRBD	A	22 abc
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	
5	Keystone	3.4	lb ai/a	2.6	qt/a	SPRBD	A	31 a
	Starane (a.e.)	0.126	lb ae/a	0.67	pt/a	SPRBD	A	
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	
6	Keystone	3.4	lb ai/a	2.6	qt/a	SPRBD	A	25 ab
	Starane (a.e.)	0.126	lb ae/a	0.67	pt/a	SPRBD	A	
	GF-1279 (IPA-salt glyph)	0.375	lb ae/a	12	oz/a	SPRBD	A	
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	
7	Basis	0.0234	lb ai/a	0.5	oz/a	SPRBD	A	17 bc
	2,4-D Ester	0.5	lb ae/a	1	pt/a	SPRBD	A	
	Crop Oil Conc	1	% v/v	1	% v/v	SPRBD	A	
	Steadfast	0.035	lb ai/a	0.75	oz/a	POSPOS	B	
	Atrazine	1	lb ai/a	1	qt/a	POSPOS	B	
	Callisto	0.0625	lb ai/a	2	fl oz/a	POSPOS	B	
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B	
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B	
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B	
8	Lumax	2.96	lb ai/a	3	qt/a	SPRBD	A	12 c
	2,4-D Ester	0.5	lb ae/a	1	pt/a	SPRBD	A	
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	
9	Roundup Weathermax	0.77	lb ae/a	22	oz/a	SPRBD	A	14 bc
	AMS	2.5	lb/a	2.5	lb/a	SPRBD	A	
	2,4-D Ester	0.5	lb ae/a	1	pt/a	SPRBD	A	
	Steadfast ATZ	0.875	lb/a	14	oz/a	POSPOS	B	
	Crop Oil Conc	1	% v/v	1	% v/v	POSPOS	B	
	AMS	2.5	lb/a	2.5	lb/a	POSPOS	B	
LSD (P=.05)								12.9
Standard Deviation								8.8
CV								42.62
Grand Mean								20.67
Bartlett's X2								4.269
P(Bartlett's X2)								0.832
Replicate F								1.703
Replicate Prob(F)								0.1932
Treatment F								2.678
Treatment Prob(F)								0.0294

Purdue University

Weed Code	TAROF
Crop Code	ZEAMX
Part Rated	
Rating Data Type	count
Rating Unit	per/3FT2
Rating Date	27/Sep/2005
Crop Stage	
Crop Stage Scale	
Weed Stage	
Weed Density, Unit	
Assessed By	EJO, VAM

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

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Trial Comments

7-1-2005
Crop injuries are due to weed pressure.