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Fall Burndown Tank-Mix Treatments for Dandelion Control in 2004 Corn

Trial ID: 03F-WBURN-CORNDAN
Location: Woodburn

Study Dir.:
Investigator: Dr. Bill Johnson

GENERAL TRIAL INFORMATION

Investigator: Dr. Bill Johnson

TRIAL LOCATION

City: Woodburn
State/Prov.: IN
E-Longitude of LL Corner °: 275.123270 N-Latitude of LL Corner °: 41.139450
Altitude of LL Corner: 782.00 Unit: feet
Conducted Under GLP (Y/N): N Conducted Under GEP (Y/N): N

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	THLAR	PENNYCRESS, FIELD	THLASPI ARVENSE L.
2.	TAROF	DANDELION, COMMON	TARAXACUM OFFICINALE WEBER IN WIGGERS

Crop 1: GLXMA SOYBEAN Variety: Harvest Residue
Row Spacing: 15 IN

Crop 2: ZEAMX CORN, FIELD
Planting Date: 20/Apr/2004
Row Spacing: 30 IN

SITE AND DESIGN

Plot Width, Unit: 10 FT Plot Length, Unit: 30 FT Reps: 4
Study Design: RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

% OM: 3 Texture: med to fine(silt loam / silty clay loam)
pH: 6.5 Soil Name: Hoytville-Nappnee
CEC: 18 Fert. Level: good

APPLICATION DESCRIPTION

	A	B	C
Application Date:	17/Nov/2003	9/Apr/2004	20/May/2004
Time of Day:	10:20 am	11am-12pm	8:30 am
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	FALBD	SPRBD	OSU blnkt
Applic. Placement:	BROFOL	BROFOL	BROFOL
Air Temp., Unit:	52 F	65 F	75 F
% Relative Humidity:	85	30	85
Wind Velocity, Unit:	4.5 MPH	3.5 MPH	6.5 MPH
Soil Temp., Unit:	18 C	50 F	70 F
Soil Moisture:	wet	dry surf	dry surf
% Cloud Cover:	100	5	100

CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	GLXMA	GLXMA	GLXMA
Stage Scale:	Residue		
Height, Unit:	25 %	20 %	20 %
Crop 2 Code, Stage:	ZEAMX	ZEAMX	ZEAMX
Stage Scale:			V3

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WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code, Stage:	THLAR 6-40 lf	THLAR tillered	THLAR
Stage Scale:	1-7" DIA	2-4" DIA	
Density, Unit:	0-16 M2	1-8 M2	
Weed 2 Code, Stage:	TAROF 4-22 lf	TAROF early bud	TAROF
Stage Scale:	2-16" DIA	2-8" DIA	
Density, Unit:	7-25 M2	2-23 .25M2	

APPLICATION EQUIPMENT

	A	B	C
Appl. Equipment:	CO2 Backp	CO2 Backp	CO2 Backp
Operating Pressure:	25 psi	25 psi	25 psi
Nozzle Type:	VS	VS	VS
Nozzle Size:	8002	8002	8002
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN
Boom Length, Unit:	10 FT	10 FT	10 FT
Ground Speed, Unit:	3 MPH	3 MPH	3 MPH
Carrier:	water	water	water
Spray Volume, Unit:	15 gpa	15 gpa	15 gpa

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Trial ID: 03F-WBURN-CORNDAN
Location: Woodburn

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				TAROF	TAROF	TAROF	TAROF	ZEAMX	
				biomass %control 20/Apr/2004 NA	biomass %control 30/Apr/2004 NA	biomass %control 11/May/2004 V1, 2-3"	biomass %control 4/Jun/2004	stunting % 4/Jun/2004 V4-V5 16-20"	
				3-12" 6-30M2 Earl & Reece 11 DA-B	4-9" Flw 3 .25M2 Bill & Vince 21 DA-B	12-16" F 2 FT2 Bill & Vince 32 DA-B	16-20" 2-3 FT2 Bill & Reece 15 DA-C	Bill & Reece 15 DA-C	
				0	0	0	0	0	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	1	2	3	4	5
1	Untreated Check				0 h	0 i	0 i	0 f	25 ab
2	Princep	1 lb ai/a	FALBD		93 a	93 a	90 abc	73 a-d	10 cde
	2,4-D Ester	0.5 lb ai/a	FALBD						
	AMS		FALBD						
	Lumax	2.47 lb ai/a	SPRING						
	Atrazine	1 lb ai/a	SPRING						
	Crop Oil Conc		SPRING						
	AMS		SPRING						
3	Touchdown Total	0.586 lb ai/a	FALBD		100 a	99 a	99 a	99 a	0 e
	2,4-D Ester	0.5 lb ai/a	FALBD						
	AMS		FALBD						
	Lumax	2.47 lb ai/a	SPRING						
	Atrazine	1 lb ai/a	SPRING						
	Crop Oil Conc		SPRING						
	AMS		SPRING						
4	Roundup Weathermax	0.77 lb ai/a	FALBD		97 a	98 a	98 a	95 a	0 e
	2,4-D Ester	0.5 lb ai/a	FALBD						
	AMS		FALBD						
5	Basis	0.0234 lb ai/a	FALBD		99 a	94 a	86 abc	78 a-d	0 e
	2,4-D Ester	0.5 lb ai/a	FALBD						
	Crop Oil Conc		FALBD						
	AMS		FALBD						
6	Princep	1 lb ai/a	FALBD		100 a	97 a	92 abc	87 abc	0 e
	Basis	0.0155 lb ai/a	FALBD						
	2,4-D Ester	0.5 lb ai/a	FALBD						
	Crop Oil Conc		FALBD						
	AMS		FALBD						
7	Express	0.0047 lb ai/a	FALBD		100 a	98 a	95 ab	91 ab	1 de
	Basis	0.0155 lb ai/a	FALBD						
	2,4-D Ester	0.5 lb ai/a	FALBD						
	Crop Oil Conc		FALBD						
	AMS		FALBD						
8	Express	0.0155 lb ai/a	FALBD		100 a	100 a	97 a	92 ab	1 de
	2,4-D Ester	0.5 lb ai/a	FALBD						
	Crop Oil Conc		FALBD						
	AMS		FALBD						
9	Untreated Check				0 h	0 i	0 i	28 e	30 a
10	Dual II Magnum	1.59 lb ai/a	Spring		48 cde	70 cde	66 def	89 abc	3 de
	Balance Pro	0.0625 lb ai/a	Spring						
	Atrazine	1.5 lb ai/a	Spring						
	Crop Oil Conc	1.33 % v/v	Spring						
	AMS		SPRING						

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Weed Code				TAROF	TAROF	TAROF	TAROF	ZEAMX	
Crop Code				biomass	biomass	biomass	biomass	stunting	
Part Rated				%control	%control	%control	%control	%	
Rating Data Type				20/Apr/2004	30/Apr/2004	11/May/2004	4/Jun/2004	4/Jun/2004	
Rating Unit				NA	NA	V1, 2-3"		V4-V5	
Rating Date								16-20"	
Crop Stage				3-12"	4-9" Flw	12-16" F	16-20"		
Crop Stage Scale				6-30M2	3 .25M2	2 FT2	2-3 FT2		
Weed Stage				Earl & Reece	Bill & Vince	Bill & Vince	Bill & Reece	Bill & Reece	
Weed Density, Unit				11 DA-B	21 DA-B	32 DA-B	15 DA-C	15 DA-C	
Assessed By									
Trt-Eval Interval									
ARM Action Codes									
# Subsamples, Dec.				0	0	0	0	0	
Trt No.	Treatment Name	Rate	Rate Unit	Grow Stg	1	2	3	4	5
11	Dual II Magnum Balance Pro Atrazine 2,4-D Ester Crop Oil Conc AMS	1.58 0.0625 1.5 0.5 1.33	lb ai/a lb ai/a lb ai/a lb ai/a % v/v	Spring Spring Spring Spring SPRING	64 bc	74 bcd	80 a-d	94 ab	6 cde
12	Lumax Crop Oil Conc AMS	2.96 1.33	lb ai/a % v/v	Spring Spring SPRING	67 bc	95 a	92 abc	100 a	10 cde
13	Lumax 2,4-D Ester Crop Oil Conc AMS	2.96 0.5	lb ai/a lb ai/a	Spring Spring SPRING SPRING	47 cde	82 abc	90 abc	100 a	2 de
14	Lumax Gramoxone Max Crop Oil Conc AMS	2.96 0.487 1.33	lb ai/a lb ai/a % v/v	Spring Spring Spring SPRING	73 b	89 ab	92 abc	99 a	7 cde
15	Lumax Gramoxone Max 2,4-D Ester Crop Oil Conc AMS	2.96 0.487 0.5 1.33	lb ai/a lb ai/a lb ai/a % v/v	Spring Spring Spring Spring SPRING	60 bc	87 ab	91 abc	99 a	4 de
16	Bicep II Magnum 2,4-D Ester Crop Oil Conc AMS	2.9 0.5 1.33	lb ai/a lb ai/a % v/v	Spring Spring Spring SPRING	20 fg	41 fgh	49 fg	65 bcd	0 e
17	Bicep II Magnum Gramoxone Max Crop Oil Conc AMS	2.9 0.487 1.33	lb ai/a lb ai/a % v/v	Spring Spring Spring SPRING	55 bcd	56 def	51 fg	73 a-d	18 a-d
18	Bicep II Magnum Gramoxone Max 2,4-D Ester Crop Oil Conc AMS	2.9 0.487 0.5 1.33	lb ai/a lb ai/a lb ai/a % v/v	Spring Spring Spring Spring SPRING	50 cde	58 def	58 efg	78 a-d	0 e
19	Field Master Crop Oil Conc AMS	4.25	lb ai/a	Spring SPRING Spring	39 def	56 def	74 cde	88 abc	5 cde
20	Field Master 2,4-D Ester Crop Oil Conc AMS	4.25 0.5	lb ai/a lb ai/a	Spring Spring SPRING Spring	39 def	64 de	73 cde	94 ab	20 abc
21	Bicep II Magnum Curtail (ae) AMS Crop Oil Conc	2.9 0.595	lb ai/a lb ai/a	Spring Spring Spring SPRING	35 d-g	53 efg	64 def	96 a	3 de
22	Bicep II Magnum Clarity AMS Crop Oil Conc	2.9 0.5	lb ai/a lb ae/a	Spring Spring Spring SPRING	25 fg	36 gh	45 g	76 a-d	4 de

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Weed Code	TAROF	TAROF	TAROF	TAROF	ZEAMX			
Crop Code								
Part Rated								
Rating Data Type	biomass	biomass	biomass	biomass	stunting			
Rating Unit	%control	%control	%control	%control	%			
Rating Date	20/Apr/2004	30/Apr/2004	11/May/2004	4/Jun/2004	4/Jun/2004			
Crop Stage	NA	NA	V1, 2-3"		V4-V5			
Crop Stage Scale					16-20"			
Weed Stage	3-12"	4-9" Flw	12-16" F	16-20"				
Weed Density, Unit	6-30M2	3 .25M2	2 FT2	2-3 FT2				
Assessed By	Earl & Reece	Bill & Vince	Bill & Vince	Bill & Reece	Bill & Reece			
Trt-Eval Interval	11 DA-B	21 DA-B	32 DA-B	15 DA-C	15 DA-C			
ARM Action Codes								
# Subsamples, Dec.	0	0	0	0	0			
Trt Treatment No. Name	Rate	Rate Unit	Grow Stg	1	2	3	4	5
23 Bicep II Magnum	2.9 lb ai/a	Spring	17 gh	29 h	23 h	56 d	13 b-e	
Hornet WDG	0.128 lb ai/a	Spring						
Crop Oil Conc	1.33 % v/v	Spring						
AMS		SPRING						
24 Bicep II Magnum	2.9 lb ai/a	Spring	33 efg	54 def	63 d-g	92 ab	7 cde	
Hornet WDG	0.128 lb ai/a	Spring						
2,4-D Ester	0.5 lb ai/a	Spring						
Crop Oil Conc	1.33 % v/v	Spring						
AMS		SPRING						
25 Untreated			0 h	0 i	0 i	10 ef	20 abc	
26 Keystone	3.54 lb ai/a	SPRNGBD	37 d-g	63 de	74 cde	58 d	0 e	
GF-1279 (IPA-salt glyph)	0.375 lb ae/a	SPRNGBD						
Crop Oil Conc		SPRNGBD						
AMS		SPRNGBD						
27 Keystone	3.54 lb ai/a	SPRNGBD	18 gh	33 h	28 h	24 e	16 b-e	
Starane (a.e.)	0.126 lb ae/a	SPRNGBD						
Crop Oil Conc		SPRNGBD						
AMS		SPRNGBD						
28 Keystone	3.54 lb ai/a	SPRNGBD	33 d-g	50 efg	55 efg	56 d	6 cde	
GF-1203 (Starane+Stinger)	0.25 lb ae/a	SPRNGBD						
Crop Oil Conc		SPRNGBD						
AMS		SPRNGBD						
29 Keystone	3.54 lb ai/a	SPRNGBD	46 cde	64 de	75 b-e	78 a-d	3 de	
GF-1279 (IPA-salt glyph)	0.375 lb ae/a	SPRNGBD						
GF-1203 (Starane+Stinger)	0.25 lb ae/a	SPRNGBD						
Crop Oil Conc		SPRNGBD						
AMS		SPRNGBD						
30 Keystone	3.54 lb ai/a	SPRNGBD	34 d-g	55 def	73 cde	61 cd	0 e	
GF-1279 (IPA-salt glyph)	0.375 lb ae/a	SPRNGBD						
Starane (a.e.)	0.126 lb ae/a	SPRNGBD						
Crop Oil Conc		SPRNGBD						
AMS		SPRNGBD						
LSD (P=.05)	13.3	12.5	12.3	16.8	9.2			
Standard Deviation	9.4	8.8	8.7	11.9	6.5			
CV	18.43	14.04	13.26	16.01	92.46			
Grand Mean	50.87	62.8	65.58	74.23	7.04			
Bartlett's X2	34.0	88.773	53.724	64.71	19.53			
P(Bartlett's X2)	0.049*	0.001*	0.001*	0.001*	0.423			
Replicate F	1.935	3.859	5.569	0.644	0.971			
Replicate Prob(F)	0.1298	0.0121	0.0015	0.5898	0.4122			
Treatment F	47.578	47.153	47.629	21.501	6.537			
Treatment Prob(F)	0.0001	0.0001	0.0001	0.0001	0.0001			

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 t=Mean descriptions are reported in transformed data units, and are not de-transformed.
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Weed Code				ZEAMX	TAROF	TAROF	TAROF	
Crop Code						PLANT	PLANT	
Part Rated						COUPLA	COUPLA	
Rating Data Type				stunting	biomass	/75sqft	/75sqft	
Rating Unit				%	%control			
Rating Date				18/Jun/2004	18/Jun/2004	9/Nov/2004	9/Nov/2004	
Crop Stage				V6-V7		harveste	harveste	
Crop Stage Scale				44-52"				
Weed Stage					12-24"	<1-18"	<1-18"	
Weed Density, Unit					3-4 FT2	75FT2	75FT2	
Assessed By				Earl & Reece	Earl & Reece	Brad & Glenn	Brad & Glenn	
Trt-Eval Interval				29 DA-C	29 DA-C	173 DA-C	173 DA-C	
ARM Action Codes							TS[8]	
# Subsamples, Dec.				0	0	0	2	
Trt No.	Treatment Name	Rate	Rate Unit	Grow Stg	6	7	8	9
1	Untreated Check				33 b	0 e	116 abc	101.28 abc
2	Princep	1	lb ai/a	FALBD	8 def	84 ab	31 c	21.68 b-e
	2,4-D Ester	0.5	lb ai/a	FALBD				
	AMS			FALBD				
	Lumax	2.47	lb ai/a	SPRING				
	Atrazine	1	lb ai/a	SPRING				
	Crop Oil Conc			SPRING				
	AMS			SPRING				
3	Touchdown Total	0.586	lb ai/a	FALBD	0 f	99 a	8 c	5.79 de
	2,4-D Ester	0.5	lb ai/a	FALBD				
	AMS			FALBD				
	Lumax	2.47	lb ai/a	SPRING				
	Atrazine	1	lb ai/a	SPRING				
	Crop Oil Conc			SPRING				
	AMS			SPRING				
4	Roundup Weathermax	0.77	lb ai/a	FALBD	0 f	96 a	21 c	15.82 cde
	2,4-D Ester	0.5	lb ai/a	FALBD				
	AMS			FALBD				
5	Basis	0.0234	lb ai/a	FALBD	2 ef	85 ab	61 abc	49.33 a-e
	2,4-D Ester	0.5	lb ai/a	FALBD				
	Crop Oil Conc			FALBD				
	AMS			FALBD				
6	Princep	1	lb ai/a	FALBD	0 f	92 a	109 abc	96.26 a-d
	Basis	0.0155	lb ai/a	FALBD				
	2,4-D Ester	0.5	lb ai/a	FALBD				
	Crop Oil Conc			FALBD				
	AMS			FALBD				
7	Express	0.0047	lb ai/a	FALBD	1 ef	93 a	91 abc	81.38 a-e
	Basis	0.0155	lb ai/a	FALBD				
	2,4-D Ester	0.5	lb ai/a	FALBD				
	Crop Oil Conc			FALBD				
	AMS			FALBD				
8	Express	0.0155	lb ai/a	FALBD	1 ef	90 a	67 abc	56.75 a-e
	2,4-D Ester	0.5	lb ai/a	FALBD				
	Crop Oil Conc			FALBD				
	AMS			FALBD				
9	Untreated Check				45 a	85 ab	69 abc	58.47 a-e
10	Dual II Magnum	1.59	lb ai/a	Spring	0 f	98 a	26 c	22.47 b-e
	Balance Pro	0.0625	lb ai/a	Spring				
	Atrazine	1.5	lb ai/a	Spring				
	Crop Oil Conc	1.33	% v/v	Spring				
	AMS			SPRING				
11	Dual II Magnum	1.58	lb ai/a	Spring	5 ef	99 a	19 c	17.40 cde
	Balance Pro	0.0625	lb ai/a	Spring				
	Atrazine	1.5	lb ai/a	Spring				
	2,4-D Ester	0.5	lb ai/a	Spring				
	Crop Oil Conc	1.33	% v/v	Spring				
	AMS			SPRING				
12	Lumax	2.96	lb ai/a	Spring	9 def	100 a	10 c	5.79 de
	Crop Oil Conc	1.33	% v/v	Spring				
	AMS			SPRING				

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Weed Code				ZEAMX	TAROF	TAROF	TAROF	
Crop Code						PLANT	PLANT	
Part Rated						COUPLA	COUPLA	
Rating Data Type				stunting	biomass	/75sqft	/75sqft	
Rating Unit				%	%control			
Rating Date				18/Jun/2004	18/Jun/2004	9/Nov/2004	9/Nov/2004	
Crop Stage				V6-V7		harveste	harveste	
Crop Stage Scale				44-52"				
Weed Stage					12-24"	<1-18"	<1-18"	
Weed Density, Unit					3-4 FT2	75FT2	75FT2	
Assessed By				Earl & Reece	Earl & Reece	Brad & Glenn	Brad & Glenn	
Trt-Eval Interval				29 DA-C	29 DA-C	173 DA-C	173 DA-C	
ARM Action Codes							TS[8]	
# Subsamples, Dec.				0	0	0	2	
Trt No.	Treatment Name	Rate	Rate Unit	Grow Stg	6	7	8	9
13	Lumax 2,4-D Ester Crop Oil Conc AMS	2.96 0.5	lb ai/a lb ai/a	Spring Spring SPRING SPRING	2 ef	100 a	6 c	3.84 e
14	Lumax Gramoxone Max Crop Oil Conc AMS	2.96 0.487 1.33	lb ai/a lb ai/a % v/v	Spring Spring Spring SPRING	7 ef	99 a	5 c	4.28 e
15	Lumax Gramoxone Max 2,4-D Ester Crop Oil Conc AMS	2.96 0.487 0.5 1.33	lb ai/a lb ai/a lb ai/a % v/v	Spring Spring Spring Spring SPRING	3 ef	100 a	9 c	7.84 cde
16	Bicep II Magnum 2,4-D Ester Crop Oil Conc AMS	2.9 0.5 1.33	lb ai/a lb ai/a % v/v	Spring Spring Spring SPRING	0 f	93 a	12 c	9.16 cde
17	Bicep II Magnum Gramoxone Max Crop Oil Conc AMS	2.9 0.487 1.33	lb ai/a lb ai/a % v/v	Spring Spring Spring SPRING	20 cd	98 a	10 c	7.04 cde
18	Bicep II Magnum Gramoxone Max 2,4-D Ester Crop Oil Conc AMS	2.9 0.487 0.5 1.33	lb ai/a lb ai/a lb ai/a % v/v	Spring Spring Spring Spring SPRING	3 ef	96 a	16 c	13.16 cde
19	Field Master Crop Oil Conc AMS	4.25	lb ai/a	Spring SPRING Spring	0 f	95 a	50 abc	46.18 a-e
20	Field Master 2,4-D Ester Crop Oil Conc AMS	4.25 0.5	lb ai/a lb ai/a	Spring Spring SPRING Spring	3 ef	100 a	11 c	10.19 cde
21	Bicep II Magnum Curtail (ae) AMS Crop Oil Conc	2.9 0.595	lb ai/a lb ai/a	Spring Spring Spring SPRING	3 ef	100 a	26 c	20.69 b-e
22	Bicep II Magnum Clarity AMS Crop Oil Conc	2.9 0.5	lb ai/a lb ae/a	Spring Spring Spring SPRING	2 ef	97 a	20 c	19.54 b-e
23	Bicep II Magnum Hornet WDG Crop Oil Conc AMS	2.9 0.128 1.33	lb ai/a lb ai/a % v/v	Spring Spring Spring SPRING	14 def	96 a	35 bc	33.40 a-e
24	Bicep II Magnum Hornet WDG 2,4-D Ester Crop Oil Conc AMS	2.9 0.128 0.5 1.33	lb ai/a lb ai/a lb ai/a % v/v	Spring Spring Spring Spring SPRING	3 ef	99 a	28 c	20.11 b-e

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Weed Code				ZEAMX	TAROF	TAROF	TAROF	
Crop Code								
Part Rated								
Rating Data Type				stunting	biomass	PLANT	PLANT	
Rating Unit				%	%control	COUPLA	COUPLA	
Rating Date				18/Jun/2004	18/Jun/2004	/75sqft	/75sqft	
Crop Stage				V6-V7		9/Nov/2004	9/Nov/2004	
Crop Stage Scale				44-52"		harveste	harveste	
Weed Stage					12-24"	<1-18"	<1-18"	
Weed Density, Unit					3-4 FT2	75FT2	75FT2	
Assessed By				Earl & Reece	Earl & Reece	Brad & Glenn	Brad & Glenn	
Trt-Eval Interval				29 DA-C	29 DA-C	173 DA-C	173 DA-C	
ARM Action Codes							TS[8]	
# Subsamples, Dec.				0	0	0	2	
Trt No.	Treatment Name	Rate	Rate Unit	Grow Stg				
					6	7	8	
25	Untreated				27 bc	0 e	151 a	
26	Keystone	3.54	lb ai/a	SPRNGBD	0 f	65 bc	83 abc	
	GF-1279 (IPA-salt glyph)	0.375	lb ae/a	SPRNGBD			51.17 a-e	
	Crop Oil Conc			SPRNGBD				
	AMS			SPRNGBD				
27	Keystone	3.54	lb ai/a	SPRNGBD	16 de	23 d	147 ab	
	Starane (a.e.)	0.126	lb ae/a	SPRNGBD			144.68 a	
	Crop Oil Conc			SPRNGBD				
	AMS			SPRNGBD				
28	Keystone	3.54	lb ai/a	SPRNGBD	8 def	62 bc	65 abc	
	GF-1203 (Starane+Stinger)	0.25	lb ae/a	SPRNGBD			59.16 a-e	
	Crop Oil Conc			SPRNGBD				
	AMS			SPRNGBD				
29	Keystone	3.54	lb ai/a	SPRNGBD	1 ef	84 ab	67 abc	
	GF-1279 (IPA-salt glyph)	0.375	lb ae/a	SPRNGBD			62.17 a-e	
	GF-1203 (Starane+Stinger)	0.25	lb ae/a	SPRNGBD				
	Crop Oil Conc			SPRNGBD				
	AMS			SPRNGBD				
30	Keystone	3.54	lb ai/a	SPRNGBD	0 f	58 c	105 abc	
	GF-1279 (IPA-salt glyph)	0.375	lb ae/a	SPRNGBD			95.68 a-d	
	Starane (a.e.)	0.126	lb ae/a	SPRNGBD				
	Crop Oil Conc			SPRNGBD				
	AMS			SPRNGBD				
LSD (P=.05)					8.6	16.5	65.5	4.001t
Standard Deviation					6.1	11.7	46.3	2.829t
CV					85.53	14.09	94.57	48.04
Grand Mean					7.09	82.77	48.95	5.89t
Bartlett's X2					28.578	137.716	109.056	39.073
P(Bartlett's X2)					0.125	0.001*	0.001*	0.10
Replicate F					1.839	3.231	2.830	2.911
Replicate Prob(F)					0.1492	0.0282	0.0431	0.0389
Treatment F					13.108	23.152	3.473	4.328
Treatment Prob(F)					0.0001	0.0001	0.0001	0.0001

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

t=Mean descriptions are reported in transformed data units, and are not de-transformed.

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

Column 9: TS[8] = SQR([8] + .5)