

Ohio State University
Horticulture and Crop Science

BAS 800 BURNDOWN PLUS RESIDUAL IN NO-TILL CORN

Trial ID: 08NTC1 Study Dir.: Anthony F. Dobbels
Location: WESTERN BRANCH F-9 E Investigator: Dr. Mark M. Loux

GENERAL TRIAL INFORMATION

Study Director: Anthony F. Dobbels
Investigator: Dr. Mark M. Loux

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

CROP AND WEED DESCRIPTION

Weed Code	Common Name	Scientific Name
1. STEME	Common chickweed	Stellaria media
2. LAMPU	Purple deadnettel	Lamium purpureum
3. SENGL	Cressleaf groundsel	Senecio glabellus
4. RANAB	Smallflower buttercup	Ranunculus abortivus
5. AMBTR	Giant ragweed	Ambrosia trifida
6. SETFA	Giant foxtail	Setaria faberi
7. CHEAL	Common lambsquarters	Chenopodium album

Crop 1: ZEAMX CORN, FIELD Variety: PIONEER 33D14
Planting Date: May/13/2008 Planting Method: KINZE 2000
Rate: 30136 SEED/A Depth: 1.5 IN
Row Spacing: 30 IN Seed Bed: NO-TILL

SITE AND DESIGN

Plot Width, Unit: 6.67 FT Plot Length, Unit: 30 FT Reps: 3
Tillage Type: NO-TILL Study Design: RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

% OM: 2.8 Texture: SILTY CLAY LOAM
pH: 5.7 Soil Name: KOKOMO
CEC: 20.7 Fert. Level: GOOD

APPLICATION DESCRIPTION

	A	B	C
Application Date:	Apr/16/2008	Apr/30/2008	May/13/2008
Time of Day:	9:00 A.M.	1:00 P.M.	5:00 P.M.
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	30 EPP	14 EPP	PRE
Applic. Placement:	BROADCAST	BROADCAST	BROADCAST
Air Temp., Unit:	54 F	55 F	68 F
% Relative Humidity:	40	42	54
Wind Velocity, Unit:	10 S	7 NW	9 SE
Soil Temp., Unit:	44 F	56 F	62 F
Soil Moisture:	DRY/MOIST	DRY/MOIST	DRY/MOIST
% Cloud Cover:	21	20	20

CROP STAGE AT EACH APPLICATION

A B C
Crop 1 Code, Stage: ZEAMX ZEAMX ZEAMX

WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code, Stage:	STEME 3" DIA	STEME 8"	STEME
Stage Scale:	>12 LVS	>12 LVS	
Density, Unit:	41 M2	41 M2	
Weed 2 Code, Stage:	LAMPU 2-3"	LAMPU 4-6"	LAMPU 2"
Stage Scale:	>12 LVS	>12 LVS	REGROWTH
Density, Unit:	66 M2	66 M2	66 M2
Weed 3 Code, Stage:	SENGL 2-3" DIA	SENGL 8"	SENGL
Stage Scale:	>12 LVS	>12 LVS	
Density, Unit:	1 M2	1 M2	
Weed 4 Code, Stage:	RANAB 4"	RANAB 8"	RANAB
Stage Scale:	>12 LVS	> 12 LVS	
Density, Unit:	0.66 M2	0.66 M2	
Weed 5 Code, Stage:	AMBTR 1/4"	AMBTR 2"	AMBTR 2"
Stage Scale:	COTYLEDON	4 LVS	4 LVS
Density, Unit:	5 M2	28 M2	28 M2
Weed 6 Code, Stage:	SETFA	SETFA 1/2-1"	SETFA 2"
Stage Scale:		1 LV	2 LVS
Density, Unit:		260 M2	260 M2
Weed 7 Code, Stage:	CHEAL	CHEAL 1-2"	CHEAL 2"
Stage Scale:		4 LVS	6 LVS
Density, Unit:		41 M2	41 M2

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APPLICATION EQUIPMENT

	A		B		C	
Appl. Equipment:	BACKPACK		BACKPACK		BACKPACK	
Operating Pressure:	53		53		53	
Nozzle Type:	DG		DG		DG	
Nozzle Size:	11002		11002		11002	
Nozzle Spacing, Unit:	18	IN	18	IN	18	IN
Ground Speed, Unit:	3	MPH	3	MPH	3	MPH
Carrier:	WATER		WATER		WATER	
Spray Volume, Unit:	20	GPA	20	GPA	20	GPA
Propellant:	CO2		CO2		CO2	

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Trial ID: 08NTC1 Study Dir.: Anthony F. Dobbels
Location: WESTERN BRANCH F-9 E Investigator: Dr. Mark M. Loux

					ERICA	STEME	LAMPU	SETFA	CHEAL	AMBEL	
					CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
					May/13/2008	May/13/2008	May/13/2008	May/13/2008	May/13/2008	May/13/2008	
					AT PLANT	AT PLANT	AT PLANT	AT PLANT	AT PLANT	AT PLANT	
					0	0	0	0	0	0	
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
1	UTC					0 b	0 c	0 c	0 b	0 b	0 c
2	KIXOR	1 oz/a		30 EPP	A	100 a	100 a	77 a	0 b	83 a	100 a
	2 ROUNDUP POWERMAX	22 oz/a		30 EPP							
	2 COC	0.8 qt/a		30 EPP							
	2 AMS	4 qt/a		30 EPP							
	2 KIXOR+DMTA	20 oz/a		PRE	C						
3	KIXOR	2 oz/a		30 EPP	A	100 a	100 a	82 a	0 b	93 a	100 a
	3 ROUNDUP POWERMAX	22 oz/a		30 EPP							
	3 COC	0.8 qt/a		30 EPP							
	3 AMS	4 qt/a		30 EPP							
	3 KIXOR+DMTA	20 oz/a		PRE	C						
4	ROUNDUP POWERMAX	22 oz/a		30 EPP	A	100 a	100 a	70 a	0 b	60 a	32 bc
	4 AMS	4 qt/a		30 EPP							
	4 LUMAX	2.5 qt/a		PRE	C						
5	AIM	1 oz/a		30 EPP	A	100 a	100 a	85 a	0 b	85 a	52 ab
	5 ROUNDUP POWERMAX	22 oz/a		30 EPP							
	5 AMS	4 qt/a		30 EPP							
	5 KIXOR+DMTA	20 oz/a		PRE	C						
6	KIXOR+DMTA	13 oz/a		30 EPP	A	100 a	95 a	80 a	85 a	95 a	97 a
	6 ROUNDUP POWERMAX	22 oz/a		30 EPP							
	6 COC	0.8 qt/a		30 EPP							
	6 AMS	4 qt/a		30 EPP							
	6 KIXOR+DMTA	7 oz/a		PRE	C						
7	KIXOR	1 oz/a		14 EPP	B	100 a	100 a	63 ab	85 a	100 a	100 a
	7 ROUNDUP POWERMAX	22 oz/a		14 EPP							
	7 COC	0.8 qt/a		14 EPP							
	7 AMS	4 qt/a		14 EPP							
	7 KIXOR+DMTA	20 oz/a		PRE	C						
8	KIXOR	2 oz/a		14 EPP	B	100 a	98 a	73 a	88 a	100 a	100 a
	8 ROUNDUP POWERMAX	22 oz/a		14 EPP							
	8 COC	0.8 qt/a		14 EPP							
	8 AMS	4 qt/a		14 EPP							
	8 KIXOR+DMTA	20 oz/a		PRE	C						
9	ROUNDUP POWERMAX	22 oz/a		14 EPP	B	100 a	78 b	47 b	87 a	100 a	100 a
	9 AMS	4 qt/a		14 EPP							
	9 LUMAX	2.5 qt/a		PRE	C						
10	AIM	1 oz/a		14 EPP	B	98 a	90 ab	65 ab	80 a	100 a	98 a
	10 ROUNDUP POWERMAX	22 oz/a		14 EPP							
	10 AMS	4 qt/a		14 EPP							
	10 KIXOR+DMTA	20 oz/a		PRE	C						
11	KIXOR+DMTA	13 oz/a		14 EPP	B	100 a	99 a	78 a	94 a	100 a	100 a
	11 ROUNDUP POWERMAX	22 oz/a		14 EPP							
	11 COC	0.8 qt/a		14 EPP							
	11 AMS	4 qt/a		14 EPP							
	11 KIXOR+DMTA	20 oz/a		PRE	C						
12	LUMAX	1.67 qt/a		14 EPP	B	100 a	93 a	68 a	95 a	100 a	100 a
	12 ROUNDUP POWERMAX	22 oz/a		14 EPP							
	12 AMS	4 qt/a		14 EPP							
	12 LUMAX	0.84 qt/a		PRE	C						

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Weed Code	ERICA		STEME		LAMPU		SETFA		CHEAL		AMBEL	
Crop Code	CONTROL		CONTROL		CONTROL		CONTROL		CONTROL		CONTROL	
Rating Data Type	PERCENT		PERCENT		PERCENT		PERCENT		PERCENT		PERCENT	
Rating Unit	May/13/2008		May/13/2008		May/13/2008		May/13/2008		May/13/2008		May/13/2008	
Rating Date	AT PLANT		AT PLANT		AT PLANT		AT PLANT		AT PLANT		AT PLANT	
Crop Stage	0		0		0		0		0		0	
Trt-Eval Interval	0		0		0		0		0		0	
# Subsamples, Dec.	0		0		0		0		0		0	
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6	
LSD (P=.05)						1.4	11.9	15.6	11.2	27.4	37.1	
Standard Deviation						0.8	7.0	9.2	6.6	16.2	21.9	
CV						0.91	7.97	14.05	12.92	19.07	26.84	
Bartlett's X2						0.0	11.42	13.435	5.928	14.828	16.53	
P(Bartlett's X2)						.	0.044*	0.20	0.431	0.005*	0.001*	
Replicate F						1.000	0.249	0.546	2.898	0.657	0.019	
Replicate Prob(F)						0.3840	0.7819	0.5867	0.0764	0.5281	0.9810	
Treatment F						3590.091	49.378	18.831	141.123	9.795	7.363	
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, Student-Newman-Keuls)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Weed Code					AMBTR	ERICA	STEME	LAMPU	SETFA	CHEAL	
Crop Code					CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Rating Data Type					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Unit					May/13/2008	May/27/2008	May/27/2008	May/27/2008	May/27/2008	May/27/2008	
Rating Date											
Crop Stage					AT PLANT	14 DA-C	14 DA-C	14 DA-C	14 DA-C	14 DA-C	
Trt-Eval Interval					0	0	0	0	0	0	
# Subsamples, Dec.											
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
1	UTC					0 b	0 b	0 b	0 c	0 f	0 b
2	KIXOR	1 oz/a		30 EPP	A	92 a	100 a	98 a	100 a	60 bcd	100 a
2	ROUNDUP POWERMAX	22 oz/a		30 EPP							
2	COC	0.8 qt/a		30 EPP							
2	AMS	4 qt/a		30 EPP							
2	KIXOR+DMTA	20 oz/a		PRE	C						
3	KIXOR	2 oz/a		30 EPP	A	93 a	100 a	99 a	100 a	53 cd	100 a
3	ROUNDUP POWERMAX	22 oz/a		30 EPP							
3	COC	0.8 qt/a		30 EPP							
3	AMS	4 qt/a		30 EPP							
3	KIXOR+DMTA	20 oz/a		PRE	C						
4	ROUNDUP POWERMAX	22 oz/a		30 EPP	A	100 a	100 a	100 a	97 a	28 e	100 a
4	AMS	4 qt/a		30 EPP							
4	LUMAX	2.5 qt/a		PRE	C						
5	AIM	1 oz/a		30 EPP	A	82 a	100 a	100 a	100 a	48 d	100 a
5	ROUNDUP POWERMAX	22 oz/a		30 EPP							
5	AMS	4 qt/a		30 EPP							
5	KIXOR+DMTA	20 oz/a		PRE	C						
6	KIXOR+DMTA	13 oz/a		30 EPP	A	100 a	100 a	98 a	100 a	67 bc	100 a
6	ROUNDUP POWERMAX	22 oz/a		30 EPP							
6	COC	0.8 qt/a		30 EPP							
6	AMS	4 qt/a		30 EPP							
6	KIXOR+DMTA	7 oz/a		PRE	C						
7	KIXOR	1 oz/a		14 EPP	B	100 a	100 a	100 a	100 a	98 a	100 a
7	ROUNDUP POWERMAX	22 oz/a		14 EPP							
7	COC	0.8 qt/a		14 EPP							
7	AMS	4 qt/a		14 EPP							
7	KIXOR+DMTA	20 oz/a		PRE	C						
8	KIXOR	2 oz/a		14 EPP	B	100 a	100 a	100 a	100 a	87 a	100 a
8	ROUNDUP POWERMAX	22 oz/a		14 EPP							
8	COC	0.8 qt/a		14 EPP							
8	AMS	4 qt/a		14 EPP							
8	KIXOR+DMTA	20 oz/a		PRE	C						
9	ROUNDUP POWERMAX	22 oz/a		14 EPP	B	98 a	100 a	100 a	76 b	72 b	100 a
9	AMS	4 qt/a		14 EPP							
9	LUMAX	2.5 qt/a		PRE	C						
10	AIM	1 oz/a		14 EPP	B	97 a	100 a	100 a	100 a	85 a	100 a
10	ROUNDUP POWERMAX	22 oz/a		14 EPP							
10	AMS	4 qt/a		14 EPP							
10	KIXOR+DMTA	20 oz/a		PRE	C						
11	KIXOR+DMTA	13 oz/a		14 EPP	B	100 a	100 a	100 a	100 a	99 a	100 a
11	ROUNDUP POWERMAX	22 oz/a		14 EPP							
11	COC	0.8 qt/a		14 EPP							
11	AMS	4 qt/a		14 EPP							
11	KIXOR+DMTA	20 oz/a		PRE	C						
12	LUMAX	1.67 qt/a		14 EPP	B	100 a	100 a	100 a	100 a	97 a	100 a
12	ROUNDUP POWERMAX	22 oz/a		14 EPP							
12	AMS	4 qt/a		14 EPP							
12	LUMAX	0.84 qt/a		PRE	C						
LSD (P=.05)						15.8	0.0	2.2	3.6	11.9	0.0
Standard Deviation						9.4	0.0	1.3	2.1	7.0	0.0
CV						10.57	0.0	1.41	2.39	10.62	0.0
Bartlett's X2						12.857	0.0	0.582	0.027	16.365	0.0
P(Bartlett's X2)						0.012*	.	0.748	0.869	0.09	.

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Weed Code	AMBTR	ERICA	STEME	LAMPU	SETFA	CHEAL					
Crop Code											
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL					
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT					
Rating Date	May/13/2008	May/27/2008	May/27/2008	May/27/2008	May/27/2008	May/27/2008					
Crop Stage											
Trt-Eval Interval	AT PLANT	14 DA-C	14 DA-C	14 DA-C	14 DA-C	14 DA-C					
# Subsamples, Dec.	0	0	0	0	0	0					
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
Replicate F		0.627				0.627	0.000	0.818	2.134	2.018	0.000
Replicate Prob(F)		0.5432				0.5432	1.0000	0.4543	0.1422	0.1567	1.0000
Treatment F		27.664				27.664	0.000	1491.258	555.008	56.325	0.000
Treatment Prob(F)		0.0001				0.0001	1.0000	0.0001	0.0001	0.0001	1.0000

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					AMBEL	AMBTR	ZEAMX	ZEAMX	ERICA	SETFA	
					CONTROL	CONTROL	PHYTO	PHYTO	CONTROL	CONTROL	
					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
					May/27/2008	May/27/2008	Jun/02/2008	Jun/13/2008	Jun/13/2008	Jun/13/2008	
					14 DA-C	14 DA-C	20 DA-C	31 DA-C	31 DA-C	31 DA-C	
					0	0	0	0	0	0	
					V-1						
Trt	Treatment	Product	Product	Grow	Appl						
No.	Name	Rate	Rate Unit	Stg	Code	13	14	15	16	17	18
1	UTC					0 b	0 b	0 a	0 a	0 b	0 f
2	KIXOR	1 oz/a		30 EPP	A	100 a	100 a	0 a	0 a	100 a	30 de
	2 ROUNDUP POWERMAX	22 oz/a		30 EPP							
	2 COC	0.8 qt/a		30 EPP							
	2 AMS	4 qt/a		30 EPP							
	2 KIXOR+DMTA	20 oz/a		PRE	C						
3	KIXOR	2 oz/a		30 EPP	A	100 a	100 a	0 a	0 a	100 a	27 de
	3 ROUNDUP POWERMAX	22 oz/a		30 EPP							
	3 COC	0.8 qt/a		30 EPP							
	3 AMS	4 qt/a		30 EPP							
	3 KIXOR+DMTA	20 oz/a		PRE	C						
4	ROUNDUP POWERMAX	22 oz/a		30 EPP	A	100 a	100 a	0 a	0 a	100 a	17 e
	4 AMS	4 qt/a		30 EPP							
	4 LUMAX	2.5 qt/a		PRE	C						
5	AIM	1 oz/a		30 EPP	A	100 a	100 a	0 a	0 a	100 a	27 de
	5 ROUNDUP POWERMAX	22 oz/a		30 EPP							
	5 AMS	4 qt/a		30 EPP							
	5 KIXOR+DMTA	20 oz/a		PRE	C						
6	KIXOR+DMTA	13 oz/a		30 EPP	A	100 a	100 a	0 a	0 a	100 a	42 cd
	6 ROUNDUP POWERMAX	22 oz/a		30 EPP							
	6 COC	0.8 qt/a		30 EPP							
	6 AMS	4 qt/a		30 EPP							
	6 KIXOR+DMTA	7 oz/a		PRE	C						
7	KIXOR	1 oz/a		14 EPP	B	100 a	100 a	0 a	0 a	100 a	67 ab
	7 ROUNDUP POWERMAX	22 oz/a		14 EPP							
	7 COC	0.8 qt/a		14 EPP							
	7 AMS	4 qt/a		14 EPP							
	7 KIXOR+DMTA	20 oz/a		PRE	C						
8	KIXOR	2 oz/a		14 EPP	B	100 a	100 a	0 a	0 a	100 a	57 bc
	8 ROUNDUP POWERMAX	22 oz/a		14 EPP							
	8 COC	0.8 qt/a		14 EPP							
	8 AMS	4 qt/a		14 EPP							
	8 KIXOR+DMTA	20 oz/a		PRE	C						
9	ROUNDUP POWERMAX	22 oz/a		14 EPP	B	100 a	100 a	0 a	0 a	100 a	72 ab
	9 AMS	4 qt/a		14 EPP							
	9 LUMAX	2.5 qt/a		PRE	C						
10	AIM	1 oz/a		14 EPP	B	100 a	100 a	0 a	0 a	100 a	50 c
	10 ROUNDUP POWERMAX	22 oz/a		14 EPP							
	10 AMS	4 qt/a		14 EPP							
	10 KIXOR+DMTA	20 oz/a		PRE	C						
11	KIXOR+DMTA	13 oz/a		14 EPP	B	100 a	100 a	0 a	0 a	100 a	77 a
	11 ROUNDUP POWERMAX	22 oz/a		14 EPP							
	11 COC	0.8 qt/a		14 EPP							
	11 AMS	4 qt/a		14 EPP							
	11 KIXOR+DMTA	20 oz/a		PRE	C						
12	LUMAX	1.67 qt/a		14 EPP	B	100 a	100 a	0 a	0 a	100 a	77 a
	12 ROUNDUP POWERMAX	22 oz/a		14 EPP							
	12 AMS	4 qt/a		14 EPP							
	12 LUMAX	0.84 qt/a		PRE	C						
LSD (P=.05)						0.0	0.0	0.0	0.0	0.0	12.8
Standard Deviation						0.0	0.0	0.0	0.0	0.0	7.5
CV						0.0	0.0	0.0	0.0	0.0	16.75
Bartlett's X2						0.0	0.0	0.0	0.0	0.0	10.28
P(Bartlett's X2)						0.328

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Weed Code	AMBEL	AMBTR	ZEAMX	ZEAMX	ERICA	SETFA					
Crop Code	CONTROL	CONTROL	PHYTO	PHYTO	CONTROL	CONTROL					
Rating Data Type	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT					
Rating Unit	May/27/2008	May/27/2008	Jun/02/2008	Jun/13/2008	Jun/13/2008	Jun/13/2008					
Rating Date			V-1								
Crop Stage											
Trt-Eval Interval	14 DA-C	14 DA-C	20 DA-C	31 DA-C	31 DA-C	31 DA-C					
# Subsamples, Dec.	0	0	0	0	0	0					
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	13	14	15	16	17	18
Replicate F						0.000	0.000	0.000	0.000	0.000	0.440
Replicate Prob(F)						1.0000	1.0000	1.0000	1.0000	1.0000	0.6496
Treatment F						0.000	0.000	0.000	0.000	0.000	34.000
Treatment Prob(F)						1.0000	1.0000	1.0000	1.0000	1.0000	0.0001

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
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Weed Code	CHEAL	AMBTR	AMBEL
Crop Code			
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	PERCENT	PERCENT	PERCENT
Rating Date	Jun/13/2008	Jun/13/2008	Jun/13/2008
Crop Stage			
Trt-Eval Interval	31 DA-C	31 DA-C	31 DA-C
# Subsamples, Dec.	0	0	0

Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	19	20	21
1	UTC					0 b	0 b	0 c
2	KIXOR	1 oz/a		30 EPP	A	100 a	100 a	100 a
2	ROUNDUP POWERMAX	22 oz/a		30 EPP				
2	COC	0.8 qt/a		30 EPP				
2	AMS	4 qt/a		30 EPP				
2	KIXOR+DMTA	20 oz/a		PRE	C			
3	KIXOR	2 oz/a		30 EPP	A	100 a	100 a	100 a
3	ROUNDUP POWERMAX	22 oz/a		30 EPP				
3	COC	0.8 qt/a		30 EPP				
3	AMS	4 qt/a		30 EPP				
3	KIXOR+DMTA	20 oz/a		PRE	C			
4	ROUNDUP POWERMAX	22 oz/a		30 EPP	A	100 a	100 a	100 a
4	AMS	4 qt/a		30 EPP				
4	LUMAX	2.5 qt/a		PRE	C			
5	AIM	1 oz/a		30 EPP	A	95 a	95 a	93 ab
5	ROUNDUP POWERMAX	22 oz/a		30 EPP				
5	AMS	4 qt/a		30 EPP				
5	KIXOR+DMTA	20 oz/a		PRE	C			
6	KIXOR+DMTA	13 oz/a		30 EPP	A	93 a	95 a	82 b
6	ROUNDUP POWERMAX	22 oz/a		30 EPP				
6	COC	0.8 qt/a		30 EPP				
6	AMS	4 qt/a		30 EPP				
6	KIXOR+DMTA	7 oz/a		PRE	C			
7	KIXOR	1 oz/a		14 EPP	B	100 a	100 a	95 ab
7	ROUNDUP POWERMAX	22 oz/a		14 EPP				
7	COC	0.8 qt/a		14 EPP				
7	AMS	4 qt/a		14 EPP				
7	KIXOR+DMTA	20 oz/a		PRE	C			
8	KIXOR	2 oz/a		14 EPP	B	100 a	100 a	93 ab
8	ROUNDUP POWERMAX	22 oz/a		14 EPP				
8	COC	0.8 qt/a		14 EPP				
8	AMS	4 qt/a		14 EPP				
8	KIXOR+DMTA	20 oz/a		PRE	C			
9	ROUNDUP POWERMAX	22 oz/a		14 EPP	B	100 a	100 a	100 a
9	AMS	4 qt/a		14 EPP				
9	LUMAX	2.5 qt/a		PRE	C			
10	AIM	1 oz/a		14 EPP	B	100 a	92 a	95 ab
10	ROUNDUP POWERMAX	22 oz/a		14 EPP				
10	AMS	4 qt/a		14 EPP				
10	KIXOR+DMTA	20 oz/a		PRE	C			
11	KIXOR+DMTA	13 oz/a		14 EPP	B	100 a	100 a	100 a
11	ROUNDUP POWERMAX	22 oz/a		14 EPP				
11	COC	0.8 qt/a		14 EPP				
11	AMS	4 qt/a		14 EPP				
11	KIXOR+DMTA	20 oz/a		PRE	C			
12	LUMAX	1.67 qt/a		14 EPP	B	100 a	100 a	84 ab
12	ROUNDUP POWERMAX	22 oz/a		14 EPP				
12	AMS	4 qt/a		14 EPP				
12	LUMAX	0.84 qt/a		PRE	C			
LSD (P=.05)						7.2	7.9	10.4
Standard Deviation						4.3	4.7	6.1
CV						4.69	5.17	7.05
Bartlett's X2						0.16	0.09	3.136
P(Bartlett's X2)						0.689	0.956	0.535

Ohio State University
Horticulture and Crop Science

Weed Code	CHEAL	AMBTR	AMBEL
Crop Code			
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	PERCENT	PERCENT	PERCENT
Rating Date	Jun/13/2008	Jun/13/2008	Jun/13/2008
Crop Stage			
Trt-Eval Interval	31 DA-C	31 DA-C	31 DA-C
# Subsamples, Dec.	0	0	0

Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	19	20	21
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Replicate F	0.498	0.895	0.851
Replicate Prob(F)	0.6143	0.4228	0.4410
Treatment F	135.927	112.427	62.900
Treatment Prob(F)	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.