

Ohio State University Horticulture and Crop Science

WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code, Stage: SETFA .	SETFA 6"	SETFA 6"	SETFA .
Stage Scale: .	4LVS	4LVS	.
Density, Unit: 47.2 M2	47.2 M2	47.2 M2	. .
Weed 2 Code, Stage: CHEAL .	CHEAL 2-4"	CHEAL 2-4"	CHEAL 2-14"
Stage Scale: .	8-10LVS	8-10LVS	>12 LVS
Density, Unit: 55.5 M2	55.5 M2	55.5 M2	55.5 M2
Weed 3 Code, Stage: ABUTH .	ABUTH 2-5"	ABUTH 2-5"	ABUTH 6-18"
Stage Scale: .	2-5LVS	2-5LVS	>12 LVS
Density, Unit: 2.25 M2	2.25 M2	2.25 M2	2.25 M2
Weed 4 Code, Stage: AMARE .	AMARE 2"	AMARE 2"	AMARE .
Stage Scale: .	6LVS	6LVS	.
Density, Unit: 1 M2	1 M2	1 M2	. .
Weed 5 Code, Stage: AMBEL .	AMBEL 2-4"	AMBEL 2-4"	AMBEL .
Stage Scale: .	6-10LVS	6-10LVS	.
Density, Unit: 1 M2	1 M2	1 M2	. .
Weed 6 Code, Stage: AMBTR .	AMBTR 8-10"	AMBTR 8-10"	AMBTR 17-25"
Stage Scale: .	8-12LVS	8-12LVS	>12 LVS
Density, Unit: 7.5 M2	7.5 M2	7.5 M2	7.5 M2
Weed 7 Code, Stage: POLPY .	POLPY 2"	POLPY 2"	POLPY .
Stage Scale: .	6LVS	6LVS	.
Density, Unit: 1.5 M2	1.5 M2	1.5 M2	. .

APPLICATION EQUIPMENT

	A	B	C
Appl. Equipment:	BACKPACK	BACKPACK	BACKPACK
Operating Pressure:	50	50	50
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

Ohio State University Horticulture and Crop Science

RIMSULFURON + ISOXAFLUTOLE FOR ROUNDUP READY AND LIBERTY LINK CORN

USA-07-003

Trial ID: 07RIM

Study Dir.: Anthony F. Dobbels

Location: WESTERN BRANCH BIG E

Investigator: Dr. Mark M. Loux

Weed Code		SETFA	CHEAL	AMARE
Crop Code		ZEAMX	ZEAMX	
Rating Data Type		PHYTO	PHYTO	CONTROL
Rating Unit		PERCENT	PERCENT	PERCENT
Rating Date		May/17/2007	May/30/2007	May/30/2007
Trt-Eval Interval		15 DA-A	28 DA-A	28 DA-A
# Subsamples, Dec.		0	0	0

Trt No.	Treatment Name	Rate	Product	Product	Appl	1	2	3	4	5
		Rate Unit	Rate	Rate	Unit Code					
1	ATRAZINE	8 oz ai/a	1 pt/a		A	0 a	0 a	48 c	43 b	80 ab
1	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a		B					
1	AMS	5 % v/v	4 qt/a		B					
2	ATRAZINE	8 oz ai/a	1 pt/a		A	0 a	0 a	53 bc	43 b	90 ab
2	LIBERTY	6.68 oz ai/a	2 pt/a		B					
2	AMS	5 % v/v	4 qt/a		B					
3	DPX-E9636	0.125 oz ai/a	0.5 oz/a		A	0 a	0 a	55 bc	40 b	
3	BALANCE PRO	0.25 oz ai/a	0.5 oz/a		A					
3	ATRAZINE	8 oz ai/a	1 pt/a		A					
3	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a		B					
3	AMS	5 % v/v	4 qt/a		B					
4	DPX-E9636	0.188 oz ai/a	0.75 oz/a		A	0 a	0 a	60 abc	50 b	100 a
4	BALANCE PRO	0.375 oz ai/a	0.75 oz/a		A					
4	ATRAZINE	8 oz ai/a	1 pt/a		A					
4	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a		B					
4	AMS	5 % v/v	4 qt/a		B					
5	DPX-E9636	0.25 oz ai/a	1 oz/a		A	0 a	0 a	66 abc	50 b	80 ab
5	BALANCE PRO	0.5 oz ai/a	1 oz/a		A					
5	ATRAZINE	8 oz ai/a	1 pt/a		A					
5	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a		B					
5	AMS	5 % v/v	4 qt/a		B					
6	DPX-E9636	0.313 oz ai/a	1.25 oz/a		A	0 a	0 a	61 abc	51 b	60 b
6	BALANCE PRO	0.625 oz ai/a	1.25 oz/a		A					
6	ATRAZINE	8 oz ai/a	1 pt/a		A					
6	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a		B					
6	AMS	5 % v/v	4 qt/a		B					
7	DPX-E9636	0.375 oz ai/a	1.5 oz/a		A	0 a	0 a	74 ab	50 b	90 ab
7	BALANCE PRO	0.75 oz ai/a	1.5 oz/a		A					
7	ATRAZINE	8 oz ai/a	1 pt/a		A					
7	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a		B					
7	AMS	5 % v/v	4 qt/a		B					
8	DPX-E9636	0.25 oz ai/a	1 oz/a		A	0 a	0 a	64 abc	59 b	80 ab
8	BALANCE PRO	0.5 oz ai/a	1 oz/a		A					
8	ATRAZINE	8 oz ai/a	1 pt/a		A					
8	LIBERTY	6.68 oz ai/a	2 pt/a		B					
8	AMS	5 % v/v	4 qt/a		B					
9	HARNESS XTRA 5.6	40.3 oz ai/a	1.8 qt/a		A	0 a	0 a	79 a	74 a	
9	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a		B					
9	AMS	5 % v/v	4 qt/a		B					
10	HARNESS XTRA 5.6	40.3 oz ai/a	1.8 qt/a		A	0 a	0 a	83 a	80 a	
10	LIBERTY	6.68 oz ai/a	2 pt/a		B					
10	AMS	5 % v/v	4 qt/a		B					
11	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a		B	0 a	0 a			
11	AMS	5 % v/v	4 qt/a		B					

Ohio State University Horticulture and Crop Science

Weed Code			SETFA	CHEAL	AMARE
Crop Code	ZEAMX	ZEAMX			
Rating Data Type	PHYTO	PHYTO	CONTROL	CONTROL	CONTROL
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	May/17/2007	May/30/2007	May/30/2007	May/30/2007	May/30/2007
Trt-Eval Interval	15 DA-A	28 DA-A	28 DA-A	28 DA-A	28 DA-A
# Subsamples, Dec.	0	0	0	0	0

Trt No.	Treatment Name	Rate	Product	Product Rate	Product Unit	Appl Code	1	2	3	4	5
12	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	22 oz/a		C	0 a	0 a			
12	AMS	5 % v/v	4 qt/a	4 qt/a		C					
13	LIBERTY	6.68 oz ai/a	2 pt/a	2 pt/a		B	0 a	0 a			
13	AMS	5 % v/v	4 qt/a	4 qt/a		B					
14	LIBERTY	6.68 oz ai/a	2 pt/a	2 pt/a		C	0 a	0 a			
14	AMS	5 % v/v	4 qt/a	4 qt/a		C					
15	UTC						0 a	0 a	0 d	0 c	0 c
LSD (P=.05)							0.0	0.0	15.1	14.6	17.2
Standard Deviation							0.0	0.0	10.5	10.1	7.6
CV							0.0	0.0	17.98	20.69	10.53
Bartlett's X2							0.0	0.0	18.388	9.542	0.0
P(Bartlett's X2)							.	.	0.031*	0.389	.
Replicate F							0.000	0.000	3.413	5.109	0.143
Replicate Prob(F)							1.0000	1.0000	0.0299	0.0056	0.9279
Treatment F							0.000	0.000	17.875	16.522	68.082
Treatment Prob(F)							1.0000	1.0000	0.0001	0.0001	0.0027

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.

Ohio State University Horticulture and Crop Science

Weed Code	ABUTH	AMBTR	POLPY			SETFA
Crop Code				ZEAMX	ZEAMX	
Rating Data Type	CONTROL	CONTROL	CONTROL	PHYTO	PHYTO	CONTROL
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	May/30/2007	May/30/2007	May/30/2007	Jun/05/2007	Jun/12/2007	Jun/12/2007
Trt-Eval Interval	28 DA-A	28 DA-A	28 DA-A	6 DA-B	13 DA-B	13 DA-B
# Subsamples, Dec.	0	0	0	0	0	0

Trt No.	Treatment Name	Rate	Product	Product	Appl	6	7	8	9	10	11
		Rate	Unit	Rate	Unit						
13	LIBERTY	6.68	oz ai/a	2	pt/a				0 a	0 a	75 bc
13	AMS	5	% v/v	4	qt/a						
14	LIBERTY	6.68	oz ai/a	2	pt/a				0 a	0 a	0 d
14	AMS	5	% v/v	4	qt/a						
15	UTC					0 b	0 b	0 a	0 a	0 a	0 d
LSD (P=.05)						38.4	27.7	62.7	0.0	0.0	11.5
Standard Deviation						26.3	19.1	41.3	0.0	0.0	8.1
CV						69.45	76.64	75.23	0.0	0.0	12.01
Bartlett's X2						17.366	11.263	3.894	0.0	0.0	14.123
P(Bartlett's X2)						0.043*	0.258	0.792	.	.	0.226
Replicate F						2.796	0.659	0.124	0.000	0.000	1.771
Replicate Prob(F)						0.0619	0.5849	0.9441	1.0000	1.0000	0.1674
Treatment F						2.586	2.406	2.288	0.000	0.000	77.574
Treatment Prob(F)						0.0275	0.0352	0.0764	1.0000	1.0000	0.0001

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
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Ohio State University Horticulture and Crop Science

Weed Code	CHEAL	AMARE	ABUTH	AMBTR	POLPY	
Crop Code						ZEAMX
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	PHYTO
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Jun/12/2007	Jun/12/2007	Jun/12/2007	Jun/12/2007	Jun/12/2007	Jun/25/2007
Trt-Eval Interval	13 DA-B	13 DA-B	13 DA-B	13 DA-B	13 DA-B	26 DA-B
# Subsamples, Dec.	0	0	0	0	0	0

Trt No.	Treatment Name	Rate	Product	Product Rate	Appl Unit	Code	12	13	14	15	16	17
13	LIBERTY	6.68 oz ai/a	2 pt/a		B		53 c	100 a	100 a	80 a	100 a	0 b
13	AMS	5 % v/v	4 qt/a		B							
14	LIBERTY	6.68 oz ai/a	2 pt/a		C		0 d	0 b	0 b	0 b	0 b	3 a
14	AMS	5 % v/v	4 qt/a		C							
15	UTC						0 d	0 b	0 b	0 b	0 b	0 b
LSD (P=.05)							17.8	0.0	0.0	19.5	16.4	0.9
Standard Deviation							12.5	0.0	0.0	13.7	11.5	0.6
CV							20.47	0.0	0.0	19.06	14.9	258.95
Bartlett's X2							10.105	0.0	0.0	16.645	3.798	0.976
P(Bartlett's X2)							0.521	.	.	0.119	0.284	0.323
Replicate F							1.934	0.000	0.000	0.161	1.144	1.522
Replicate Prob(F)							0.1392	1.0000	1.0000	0.9221	0.3425	0.2228
Treatment F							28.784	0.000	0.000	30.175	49.038	5.035
Treatment Prob(F)							0.0001	1.0000	1.0000	0.0001	0.0001	0.0001

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Ohio State University Horticulture and Crop Science

Weed Code		SETFA		CHEAL	AMARE	ABUTH	AMBTR	POLPY			
Crop Code		CONTROL		CONTROL	CONTROL	CONTROL	CONTROL	CONTROL			
Rating Data Type		PERCENT		PERCENT	PERCENT	PERCENT	PERCENT	PERCENT			
Rating Unit		Jun/25/2007		Jun/25/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007			
Rating Date		26 DA-B		26 DA-B	26 DA-B	26 DA-B	26 DA-B	26 DA-B			
Trt-Eval Interval		0		0	0	0	0	0			
# Subsamples, Dec.											
Trt No.	Treatment Name	Rate	Product	Product	Appl	18	19	20	21	22	23
		Rate Unit	Rate Unit	Rate Unit	Code						
1	ATRAZINE	8 oz ai/a	1 pt/a	A	A	70 cd	73 a-d	100 a	98 a	93 a	100 a
1	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
1	AMS	5 % v/v	4 qt/a	B	B						
2	ATRAZINE	8 oz ai/a	1 pt/a	A	A	45 e	50 d	90 a	90 a	80 a	88 a
2	LIBERTY	6.68 oz ai/a	2 pt/a	B	B						
2	AMS	5 % v/v	4 qt/a	B	B						
3	DPX-E9636	0.125 oz ai/a	0.5 oz/a	A	A	74 cd	70 a-d	100 a	100 a	97 a	100 a
3	BALANCE PRO	0.25 oz ai/a	0.5 oz/a	A	A						
3	ATRAZINE	8 oz ai/a	1 pt/a	A	A						
3	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
3	AMS	5 % v/v	4 qt/a	B	B						
4	DPX-E9636	0.188 oz ai/a	0.75 oz/a	A	A	73 cd	74 a-d	100 a	100 a	88 a	100 a
4	BALANCE PRO	0.375 oz ai/a	0.75 oz/a	A	A						
4	ATRAZINE	8 oz ai/a	1 pt/a	A	A						
4	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
4	AMS	5 % v/v	4 qt/a	B	B						
5	DPX-E9636	0.25 oz ai/a	1 oz/a	A	A	78 bcd	82 abc	100 a	100 a	86 a	99 a
5	BALANCE PRO	0.5 oz ai/a	1 oz/a	A	A						
5	ATRAZINE	8 oz ai/a	1 pt/a	A	A						
5	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
5	AMS	5 % v/v	4 qt/a	B	B						
6	DPX-E9636	0.313 oz ai/a	1.25 oz/a	A	A	73 cd	78 abc	100 a	100 a	92 a	100 a
6	BALANCE PRO	0.625 oz ai/a	1.25 oz/a	A	A						
6	ATRAZINE	8 oz ai/a	1 pt/a	A	A						
6	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
6	AMS	5 % v/v	4 qt/a	B	B						
7	DPX-E9636	0.375 oz ai/a	1.5 oz/a	A	A	83 bc	89 ab	100 a	100 a	98 a	100 a
7	BALANCE PRO	0.75 oz ai/a	1.5 oz/a	A	A						
7	ATRAZINE	8 oz ai/a	1 pt/a	A	A						
7	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
7	AMS	5 % v/v	4 qt/a	B	B						
8	DPX-E9636	0.25 oz ai/a	1 oz/a	A	A	80 bc	68 bcd	100 a	100 a	80 a	100 a
8	BALANCE PRO	0.5 oz ai/a	1 oz/a	A	A						
8	ATRAZINE	8 oz ai/a	1 pt/a	A	A						
8	LIBERTY	6.68 oz ai/a	2 pt/a	B	B						
8	AMS	5 % v/v	4 qt/a	B	B						
9	HARNESS XTRA 5.6	40.3 oz ai/a	1.8 qt/a	A	A	99 a	93 a	100 a	99 a	87 a	100 a
9	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
9	AMS	5 % v/v	4 qt/a	B	B						
10	HARNESS XTRA 5.6	40.3 oz ai/a	1.8 qt/a	A	A	96 a	90 ab	100 a	100 a	91 a	100 a
10	LIBERTY	6.68 oz ai/a	2 pt/a	B	B						
10	AMS	5 % v/v	4 qt/a	B	B						
11	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B	71 cd	63 cd	99 a	95 a	85 a	100 a
11	AMS	5 % v/v	4 qt/a	B	B						
12	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	C	C	98 a	66 bcd	100 a	100 a	71 a	86 a
12	AMS	5 % v/v	4 qt/a	C	C						

Ohio State University Horticulture and Crop Science

Weed Code	SETFA	CHEAL	AMARE	ABUTH	AMBTR	POLPY
Crop Code						
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Jun/25/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007	Jun/25/2007
Trt-Eval Interval	26 DA-B	26 DA-B	26 DA-B	26 DA-B	26 DA-B	26 DA-B
# Subsamples, Dec.	0	0	0	0	0	0

Trt No.	Treatment Name	Rate	Product	Product	Appl	18	19	20	21	22	23
		Rate	Rate	Rate	Code						
13	LIBERTY	6.68 oz ai/a	2 pt/a		B	63 d	50 d	90 a	90 a	68 a	94 a
13	AMS	5 % v/v	4 qt/a		B						
14	LIBERTY	6.68 oz ai/a	2 pt/a		C	88 ab	60 cd	93 a	100 a	88 a	95 a
14	AMS	5 % v/v	4 qt/a		C						
15	UTC					0 f	0 e	0 b	0 b	0 b	0 b
LSD (P=.05)						9.9	15.7	11.8	7.8	17.2	12.3
Standard Deviation						6.9	11.0	8.3	5.5	12.1	8.6
CV						9.52	16.43	9.06	5.99	15.04	9.46
Bartlett's X2						16.337	7.101	8.691	14.459	16.467	11.432
P(Bartlett's X2)						0.176	0.851	0.034*	0.006*	0.225	0.022*
Replicate F						3.109	6.337	1.043	0.798	2.371	0.608
Replicate Prob(F)						0.0364	0.0012	0.3833	0.5022	0.0840	0.6132
Treatment F						50.516	17.099	38.147	87.005	15.480	35.370
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)
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Ohio State University Horticulture and Crop Science

				SETFA	CHEAL	AMARE	AMBTR	ABUTH	POLPY		
Weed Code	Crop Code	Rating Data Type	Rating Unit	CONTROL PERCENT	CONTROL PERCENT	CONTROL PERCENT	CONTROL PERCENT	CONTROL PERCENT	CONTROL PERCENT		
Rating Date	Trt-Eval Interval	# Subsamples, Dec.		Jul/18/2007	Jul/18/2007	Jul/18/2007	Jul/18/2007	Jul/18/2007	Jul/18/2007		
				49 DA-B	49 DA-B	49 DA-B	49 DA-B	49 DA-B	49 DA-B		
				0	0	0	0	0	0		
Trt No.	Treatment Name	Rate	Product	Product	Appl	24	25	26	27	28	29
		Rate Unit	Rate Unit	Rate Unit	Code						
1	ATRAZINE	8 oz ai/a	1 pt/a	A	A	78 ab	81 ab	100 a	98 a	96 a	100 a
1	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
1	AMS	5 % v/v	4 qt/a	B	B						
2	ATRAZINE	8 oz ai/a	1 pt/a	A	A	63 b	69 b	100 a	85 a	96 a	95 a
2	LIBERTY	6.68 oz ai/a	2 pt/a	B	B						
2	AMS	5 % v/v	4 qt/a	B	B						
3	DPX-E9636	0.125 oz ai/a	0.5 oz/a	A	A	79 ab	80 ab	100 a	96 a	100 a	100 a
3	BALANCE PRO	0.25 oz ai/a	0.5 oz/a	A	A						
3	ATRAZINE	8 oz ai/a	1 pt/a	A	A						
3	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
3	AMS	5 % v/v	4 qt/a	B	B						
4	DPX-E9636	0.188 oz ai/a	0.75 oz/a	A	A	79 ab	80 ab	100 a	94 a	100 a	100 a
4	BALANCE PRO	0.375 oz ai/a	0.75 oz/a	A	A						
4	ATRAZINE	8 oz ai/a	1 pt/a	A	A						
4	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
4	AMS	5 % v/v	4 qt/a	B	B						
5	DPX-E9636	0.25 oz ai/a	1 oz/a	A	A	87 a	86 ab	100 a	96 a	100 a	100 a
5	BALANCE PRO	0.5 oz ai/a	1 oz/a	A	A						
5	ATRAZINE	8 oz ai/a	1 pt/a	A	A						
5	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
5	AMS	5 % v/v	4 qt/a	B	B						
6	DPX-E9636	0.313 oz ai/a	1.25 oz/a	A	A	77 ab	89 ab	100 a	100 a	100 a	100 a
6	BALANCE PRO	0.625 oz ai/a	1.25 oz/a	A	A						
6	ATRAZINE	8 oz ai/a	1 pt/a	A	A						
6	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
6	AMS	5 % v/v	4 qt/a	B	B						
7	DPX-E9636	0.375 oz ai/a	1.5 oz/a	A	A	86 a	93 a	100 a	98 a	100 a	100 a
7	BALANCE PRO	0.75 oz ai/a	1.5 oz/a	A	A						
7	ATRAZINE	8 oz ai/a	1 pt/a	A	A						
7	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
7	AMS	5 % v/v	4 qt/a	B	B						
8	DPX-E9636	0.25 oz ai/a	1 oz/a	A	A	84 a	78 ab	100 a	95 a	100 a	100 a
8	BALANCE PRO	0.5 oz ai/a	1 oz/a	A	A						
8	ATRAZINE	8 oz ai/a	1 pt/a	A	A						
8	LIBERTY	6.68 oz ai/a	2 pt/a	B	B						
8	AMS	5 % v/v	4 qt/a	B	B						
9	HARNESS XTRA 5.6	40.3 oz ai/a	1.8 qt/a	A	A	95 a	95 a	100 a	94 a	100 a	100 a
9	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B						
9	AMS	5 % v/v	4 qt/a	B	B						
10	HARNESS XTRA 5.6	40.3 oz ai/a	1.8 qt/a	A	A	93 a	94 a	100 a	93 a	100 a	100 a
10	LIBERTY	6.68 oz ai/a	2 pt/a	B	B						
10	AMS	5 % v/v	4 qt/a	B	B						
11	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	B	B	81 ab	71 ab	100 a	96 a	99 a	100 a
11	AMS	5 % v/v	4 qt/a	B	B						
12	ROUNDUP WEATHERMAX	12.4 oz ae/a	22 oz/a	C	C	91 a	75 ab	100 a	85 a	100 a	91 a
12	AMS	5 % v/v	4 qt/a	C	C						

Ohio State University Horticulture and Crop Science

Weed Code	SETFA	CHEAL	AMARE	AMBTR	ABUTH	POLPY
Crop Code						
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Jul/18/2007	Jul/18/2007	Jul/18/2007	Jul/18/2007	Jul/18/2007	Jul/18/2007
Trt-Eval Interval	49 DA-B	49 DA-B	49 DA-B	49 DA-B	49 DA-B	49 DA-B
# Subsamples, Dec.	0	0	0	0	0	0

Trt No.	Treatment Name	Rate	Product	Product	Appl	24	25	26	27	28	29
		Rate	Rate	Rate	Code						
13	LIBERTY	6.68 oz ai/a	2 pt/a		B	79 ab	66 b	99 a	88 a	96 a	95 a
13	AMS	5 % v/v	4 qt/a		B						
14	LIBERTY	6.68 oz ai/a	2 pt/a		C	75 ab	66 b	100 a	90 a	100 a	98 a
14	AMS	5 % v/v	4 qt/a		C						
15	UTC					0 c	0 c	0 b	0 b	0 b	0 b
LSD (P=.05)						12.6	14.3	1.0	13.6	4.8	6.0
Standard Deviation						8.8	10.0	0.7	9.5	3.3	4.2
CV						11.5	13.38	0.75	10.94	3.62	4.58
Bartlett's X2						23.617	13.397	2.205	29.767	3.479	2.251
P(Bartlett's X2)						0.035*	0.418	0.138	0.003*	0.323	0.522
Replicate F						7.727	1.825	0.758	2.806	1.638	0.899
Replicate Prob(F)						0.0003	0.1573	0.5242	0.0512	0.1949	0.4495
Treatment F						26.427	20.873	5415.476	26.515	234.894	147.261
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.