

PREEMERGENCE AND POSTEMERGENCE WEED CONTROL IN CORN I

Trial ID: 04PRPOC1 Study Dir.: Anthony F. Dobbels
Location: WESTERN BRANCH F-7 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. SETFA	Giant foxtail	Setaria faberi
2. AMBTR	Ragweed, giant	Ambrosia trifida
3. AMBEL	Ragweed, common	Ambrosia artemisiifolia
4. CHEAL	Lambsquarters, common	Chenopodium album
5. POLPY	Pennsylvania smartweed	Polygonum pennsylvanicum
6. ABUTH	Velvetleaf	Abutilon theophrasti

Crop 1: ZEAMX CORN, FIELD Variety: SEED CONSULTANTS SC10C82
Planting Date: 4-28-04 Planting Method: JOHN DEERE 7200
Rate: 32097 SEED/A Depth: 1.5 IN
Row Spacing: 30 IN Seed Bed: CONVENTIONAL

SITE AND DESIGN

Plot Width, Unit: 6.67 FT Plot Length, Unit: 30 FT Reps: 3
Tillage Type: CONVENTIONAL Study Design: RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

% OM: 3.1 Texture: silt loam
pH: 6.2 Soil Name: Crosby
CEC: 16

APPLICATION DESCRIPTION

	A	B	C
Application Date:	4-29-04	5-24-04	6-3-04
Time of Day:	8:00 A.M.	7:00 P.M.	9:00 A.M.
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	PRE	EPO	POST
Applic. Placement:	BROADCAST	BROADCAST	BROADCAST
Air Temp., Unit:	61 F	76 F	59 F
% Relative Humidity:	42	42	77
Wind Velocity, Unit:	3 S	6 W	4 W
Soil Temp., Unit:	52 F	74 F	59 F
Soil Moisture:	DRY/MOIST	DRY/MOIST	DRY/MOIST
% Cloud Cover:	0	10	25

CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	ZEAMX	ZEAMX	ZEAMX
Stage Scale:		3 COLLAR	5 COLLAR
Height, Unit:		8 IN	13 IN

WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code, Stage:	SETFA	SETFA 4-6"	SETFA 1"
Stage Scale:		4 LVS	1 LV
Density, Unit:		56 M2	56 M2
Weed 2 Code, Stage:	AMBTR	AMBTR 6-8"	AMBTR 8-12"
Stage Scale:		10 LVS	12 LVS
Density, Unit:		3.3 M2	3.3 M2
Weed 3 Code, Stage:	AMBEL	AMBEL 1-2"	AMBEL 2-3"
Stage Scale:		6 LVS	8 LVS
Density, Unit:		2.3 M2	2.3 M2
Weed 4 Code, Stage:	CHEAL	CHEAL 1-2"	CHEAL 2-4"
Stage Scale:		4 LVS	6 LVS
Density, Unit:		14 M2	14 M2
Weed 5 Code, Stage:	POLPY	POLPY 3-4"	POLPY 4-6"
Stage Scale:		8 LVS	12 LVS
Density, Unit:		3.3 M2	3.3 M2
Weed 6 Code, Stage:	ABUTH	ABUTH 1-2"	ABUTH 2-3"
Stage Scale:		4 LVS	5 LVS
Density, Unit:		1.3 M2	1.3 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

(04PRPOC1)

Ohio State University
Horticulture and Crop Science

PREEMERGENCE AND POSTEMERGENCE WEED CONTROL IN CORN I

Trial ID: 04PRPOC1 Study Dir.: Anthony F. Dobbels
Location: WESTERN BRANCH F-7 Investigator: Dr. Mark M. Loux

Weed Code					SETFA	AMBEL	TR CHEAL	ABUTH	POLPY
Crop Code									
Rating Data Type		ZEAMX	ZEAMX	ZEAMX	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit		MALFORMED	MALFORMED	PHYTO	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date		PLANTS	PLANTS	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Trt-Eval Interval		5-14-04	5-20-04	5-31-04	5-31-04	5-31-04	5-31-04	5-31-04	5-31-04
# Subsamples, Dec.		7 DAE	14 DAE	AT POST	AT POST	AT POST	AT POST	AT POST	AT POST
		0	0	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	7	8
1	LUMAX	3 qt/a		PRE	A	2	0	0	98	100	100	100	100
1	ATRAZINE	1 qt/a		PRE									
2	A14224	3.5 qt/a		PRE	A	4	1	0	100	100	100	100	100
3	A14224	3.5 qt/a		PRE	A	3	3	0	100	100	100	100	100
3	PRINCEP	1 qt/a		PRE									
4	BICEP II MAGNUM	2.1 qt/a		PRE	A	1	1	0	100	100	82	100	100
4	PRINCEP	1 qt/a		PRE									
5	GUARDSMAN MAX	2 pt/a		PRE	A	2	2	0	92	100	100	100	80
5	BALANCE PRO	1.5 oz/a		PRE									
6	KEYSTONE	2.5 qt/a		PRE	A	3	1	0	100	100	93	90	100
7	KEYSTONE	2.5 qt/a		PRE	A	1	1	0	100	100	100	100	100
7	HORNET WDG	3 oz/a		PRE									
8	OUTLOOK	21 oz/a		PRE	A	1	1	2	100	98	98	93	98
8	MARKSMAN	3.5 pt/a		EPO	B								
8	AMS	3.5 pt/a											
9	DEFINE SC	14 oz/a		PRE	A	2	1	7	100	100	100	100	100
9	ATRAZINE	1 qt/a		PRE									
9	EQUIP	1 oz/a		EPO	B								
9	MARKSMAN	2 pt/a		EPO									
9	MSO	1.5 pt/a		EPO									
9	28 %	1.5 qt/a		EPO									
10	KEYSTONE	2.5 qt/a		PRE	A	2	1	0	100	100	100	97	100
10	HORNET WDG	3 oz/a		POST	C								
10	CLARITY	2 oz/a		POST									
10	NIS	6.4 oz/a		POST									
10	28 %	2 qt/a		POST									
11	GUARDSMAN MAX	4 pt/a		PRE	A	4	2	0	100	100	90	100	100
11	DISTINCT	4 oz/a		POST	C								
11	NIS	6.4 oz/a		POST									
11	AMS	3 qt/a		POST									
12	GUARDSMAN MAX	2 pt/a		PRE	A	1	2	0	100	100	80	87	93
12	LIGHTNING	1.28 oz/a		POST	C								
12	DISTINCT	4 oz/a		POST									
12	NIS	6.4 oz/a		POST									
12	AMS	3 qt/a		POST									
13	BICEP II MAGNUM	2.1 qt/a		PRE	A	1	0	0	98	100	67	93	95
13	BUCTRIL+ATRAZINE	2 pt/a		POST	C								
13	CALLISTO	0.75 oz/a		POST									
14	DEFINE SC	18 oz/a		PRE	A	2	0	0	100	100	78	88	100
14	ATRAZINE	1.5 qt/a		PRE									
14	BUCTRIL+ATRAZINE	2 pt/a		POST	C								
14	CALLISTO	0.75 oz/a		POST									
15	AXIOM DF	16 oz/a		PRE	A	1	2	0	100	100	78	100	100
15	ATRAZINE	1.5 qt/a		PRE									
15	BUCTRIL+ATRAZINE	2 pt/a		POST	C								
15	CALLISTO	0.75 oz/a		POST									
16	DEFINE SC	10 oz/a		PRE	A	1	0	0	93	100	63	80	90
16	ATRAZINE	1 qt/a		PRE									
16	EQUIP	1.5 oz/a		POST	C								
16	MSO	3 pt/a		POST									
16	28 %	1.5 qt/a		POST									
17	LIGHTNING	1.28 oz/a		EPO	B	2	1	3	88	92	90	95	85
17	DISTINCT	4 oz/a		EPO									
17	NIS	6.4 oz/a		EPO									
17	AMS	3 qt/a		EPO									
18	UTC					1	1	0	0	0	0	0	0
LSD (P=.05)						2.1	2.1	2.7	6.7	3.2	13.8	14.4	11.1
Standard Deviation						1.3	1.3	1.6	4.0	1.9	8.3	8.6	6.7
CV						73.1	111.53	248.16	4.32	2.04	9.77	9.58	7.31
Replicate F						3.190	1.482	2.326	1.122	1.133	3.882	2.313	3.638
Replicate Prob(F)						0.0538	0.2415	0.1130	0.3374	0.3338	0.0303	0.1143	0.0370
Treatment F						1.887	1.091	3.463	102.152	451.200	25.955	21.761	37.364
Treatment Prob(F)						0.0565	0.4004	0.0010	0.0001	0.0001	0.0001	0.0001	0.0001

(04PRPOC1)

Ohio State University
Horticulture and Crop Science

						AMBTR	ZEAMX		SETFA	AMBEL	TR CHEAL	ABUTH	POLPY
Weed Code	Crop Code					CONTROL	PHYTO	PHYTO	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Data Type	Rating Unit					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Trt-Eval Interval					5-31-04	6-9-04	6-16-04	6-16-04	6-16-04	6-16-04	6-16-04	6-16-04
# Subsamples, Dec.						AT POST	6 DA-C	13 DA-C	13 DA-C	13 DA-C	13 DA-C	13 DA-C	13 DA-C
						0	0	0	0	0	0	0	0
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	9	10	11	12	13	14	15	16
1	LUMAX	3 qt/a		PRE	A	98	0	0	100	100	100	100	100
1	ATRAZINE	1 qt/a		PRE									
2	A14224	3.5 qt/a		PRE	A	98	0	0	100	100	100	100	100
3	A14224	3.5 qt/a		PRE	A	100	0	0	100	100	100	100	100
3	PRINCEP	1 qt/a		PRE									
4	BICEP II MAGNUM	2.1 qt/a		PRE	A	93	0	0	100	100	67	88	100
4	PRINCEP	1 qt/a		PRE									
5	GUARDSMAN MAX	2 pt/a		PRE	A	77	0	0	90	100	98	100	70
5	BALANCE PRO	1.5 oz/a		PRE									
6	KEYSTONE	2.5 qt/a		PRE	A	97	0	0	100	100	78	77	100
7	KEYSTONE	2.5 qt/a		PRE	A	87	0	0	100	100	99	100	100
7	HORNET WDG	3 oz/a		PRE									
8	OUTLOOK	21 oz/a		PRE	A	95	1	0	100	100	100	100	100
8	MARKSMAN	3.5 pt/a		EPO	B								
8	AMS	3.5 pt/a											
9	DEFINE SC	14 oz/a		PRE	A	98	0	0	100	100	100	100	100
9	ATRAZINE	1 qt/a		PRE									
9	EQUIP	1 oz/a		EPO	B								
9	MARKSMAN	2 pt/a		EPO									
9	MSO	1.5 pt/a		EPO									
9	28 %	1.5 qt/a		EPO									
10	KEYSTONE	2.5 qt/a		PRE	A	88	1	2	100	100	100	100	100
10	HORNET WDG	3 oz/a		POST	C								
10	CLARITY	2 oz/a		POST									
10	NIS	6.4 oz/a		POST									
10	28 %	2 qt/a		POST									
11	GUARDSMAN MAX	4 pt/a		PRE	A	87	0	8	100	100	88	97	100
11	DISTINCT	4 oz/a		POST	C								
11	NIS	6.4 oz/a		POST									
11	AMS	3 qt/a		POST									
12	GUARDSMAN MAX	2 pt/a		PRE	A	63	0	3	97	100	87	100	100
12	LIGHTNING	1.28 oz/a		POST	C								
12	DISTINCT	4 oz/a		POST									
12	NIS	6.4 oz/a		POST									
12	AMS	3 qt/a		POST									
13	BICEP II MAGNUM	2.1 qt/a		PRE	A	82	0	0	98	100	100	100	100
13	BUCTRIL+ATRAZINE	2 pt/a		POST	C								
13	CALLISTO	0.75 oz/a		POST									
14	DEFINE SC	18 oz/a		PRE	A	80	0	1	100	100	98	100	100
14	ATRAZINE	1.5 qt/a		PRE									
14	BUCTRIL+ATRAZINE	2 pt/a		POST	C								
14	CALLISTO	0.75 oz/a		POST									
15	AXIOM DF	16 oz/a		PRE	A	90	0	1	98	100	100	100	100
15	ATRAZINE	1.5 qt/a		PRE									
15	BUCTRIL+ATRAZINE	2 pt/a		POST	C								
15	CALLISTO	0.75 oz/a		POST									
16	DEFINE SC	10 oz/a		PRE	A	90	8	0	98	100	85	100	95
16	ATRAZINE	1 qt/a		PRE									
16	EQUIP	1.5 oz/a		POST	C								
16	MSO	3 pt/a		POST									
16	28 %	1.5 qt/a		POST									
17	LIGHTNING	1.28 oz/a		EPO	B	92	1	0	100	100	100	100	100
17	DISTINCT	4 oz/a		EPO									
17	NIS	6.4 oz/a		EPO									
17	AMS	3 qt/a		EPO									
18	UTC					0	0	0	0	0	0	0	0
LSD (P=.05)						20.2	1.4	3.1	3.6	0.0	4.6	8.0	10.8
Standard Deviation						12.1	0.8	1.9	2.1	0.0	2.7	4.8	6.5
CV						14.43	144.19	227.84	2.28	0.0	3.08	5.2	7.01
Replicate F						3.174	1.000	1.569	1.323	0.000	2.995	0.382	1.419
Replicate Prob(F)						0.0545	0.3784	0.2230	0.2796	1.0000	0.0634	0.6852	0.2558
Treatment F						10.725	16.701	3.211	362.473	0.000	232.648	73.838	41.575
Treatment Prob(F)						0.0001	0.0001	0.0018	0.0001	1.0000	0.0001	0.0001	0.0001

(04PRPOC1)

Ohio State University
Horticulture and Crop Science

						AMBTR	ZEAMX		SETFA	AMBEL	TR CHEAL	ABUTH	POLPY	AMBTR
Weed Code	Crop Code	Rating Data Type		Rating Unit	Rating Date	CONTROL	PHYTO	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Trt-Eval Interval	# Subsamples, Dec.					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
						6-16-04	6-30-04	6-30-04	6-30-04	6-30-04	6-30-04	6-30-04	6-30-04	6-30-04
						13 DA-C	27 DA-C	27 DA-C	27 DA-C	27 DA-C	27 DA-C	27 DA-C	27 DA-C	27 DA-C
						0	0	0	0	0	0	0	0	0
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	17	18	19	20	21	22	23	24	
1	LUMAX	3 qt/a		PRE	A	87	0	100	100	100	100	100	72	
1	ATRAZINE	1 qt/a		PRE										
2	A14224	3.5 qt/a		PRE	A	88	0	100	100	100	100	100	87	
3	A14224	3.5 qt/a		PRE	A	95	0	100	100	100	100	100	97	
3	PRINCEP	1 qt/a		PRE										
4	BICEP II MAGNUM	2.1 qt/a		PRE	A	82	0	100	100	63	80	100	73	
4	PRINCEP	1 qt/a		PRE										
5	GUARDSMAN MAX	2 pt/a		PRE	A	87	0	84	100	93	100	57	67	
5	BALANCE PRO	1.5 oz/a		PRE										
6	KEYSTONE	2.5 qt/a		PRE	A	87	0	100	100	75	63	100	67	
7	KEYSTONE	2.5 qt/a		PRE	A	82	0	100	100	99	100	100	78	
7	HORNET WDG	3 oz/a		PRE										
8	OUTLOOK	21 oz/a		PRE	A	95	0	100	100	100	100	100	92	
8	MARKSMAN	3.5 pt/a		EPO	B									
8	AMS	3.5 pt/a		EPO										
9	DEFINE SC	14 oz/a		PRE	A	95	0	100	100	100	100	100	90	
9	ATRAZINE	1 qt/a		PRE										
9	EQUIP	1 oz/a		EPO	B									
9	MARKSMAN	2 pt/a		EPO										
9	MSO	1.5 pt/a		EPO										
9	28 %	1.5 qt/a		EPO										
10	KEYSTONE	2.5 qt/a		PRE	A	92	0	100	100	100	100	100	100	
10	HORNET WDG	3 oz/a		POST	C									
10	CLARITY	2 oz/a		POST										
10	NIS	6.4 oz/a		POST										
10	28 %	2 qt/a		POST										
11	GUARDSMAN MAX	4 pt/a		PRE	A	92	0	100	100	100	100	100	93	
11	DISTINCT	4 oz/a		POST	C									
11	NIS	6.4 oz/a		POST										
11	AMS	3 qt/a		POST										
12	GUARDSMAN MAX	2 pt/a		PRE	A	83	0	100	100	100	100	100	96	
12	LIGHTNING	1.28 oz/a		POST	C									
12	DISTINCT	4 oz/a		POST										
12	NIS	6.4 oz/a		POST										
12	AMS	3 qt/a		POST										
13	BICEP II MAGNUM	2.1 qt/a		PRE	A	97	0	98	100	99	100	100	100	
13	BUCTRIL+ATRAZINE	2 pt/a		POST	C									
13	CALLISTO	0.75 oz/a		POST										
14	DEFINE SC	18 oz/a		PRE	A	97	0	100	100	99	100	100	97	
14	ATRAZINE	1.5 qt/a		PRE										
14	BUCTRIL+ATRAZINE	2 pt/a		POST	C									
14	CALLISTO	0.75 oz/a		POST										
15	AXIOM DF	16 oz/a		PRE	A	100	0	98	100	99	100	100	100	
15	ATRAZINE	1.5 qt/a		PRE										
15	BUCTRIL+ATRAZINE	2 pt/a		POST	C									
15	CALLISTO	0.75 oz/a		POST										
16	DEFINE SC	10 oz/a		PRE	A	93	0	99	100	100	100	97	100	
16	ATRAZINE	1 qt/a		PRE										
16	EQUIP	1.5 oz/a		POST	C									
16	MSO	3 pt/a		POST										
16	28 %	1.5 qt/a		POST										
17	LIGHTNING	1.28 oz/a		EPO	B	93	0	99	100	100	100	100	93	
17	DISTINCT	4 oz/a		EPO										
17	NIS	6.4 oz/a		EPO										
17	AMS	3 qt/a		EPO										
18	UTC					0	0	0	0	0	0	0	0	
LSD (P=.05)						16.2	0.0	5.2	0.0	7.4	10.6	5.0	20.6	
Standard Deviation						9.7	0.0	3.1	0.0	4.5	6.3	3.0	12.4	
CV						11.3	0.0	3.32	0.0	4.93	6.94	3.27	14.86	
Replicate F						3.317	0.000	0.162	0.000	0.410	1.293	1.434	2.377	
Replicate Prob(F)						0.0483	1.0000	0.8510	1.0000	0.6671	0.2875	0.2525	0.1080	
Treatment F						15.565	0.000	173.621	0.000	92.002	45.698	208.723	11.165	
Treatment Prob(F)						0.0001	1.0000	0.0001	1.0000	0.0001	0.0001	0.0001	0.0001	

(04PRPOC1)

Ohio State University
Horticulture and Crop Science

						SETFA	AMBEL	TR CHEAL	ABUTH	POLPY	AMBTR
Weed Code	Crop Code					CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Data Type	Rating Unit					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Trt-Eval Interval					7-28-04	7-28-04	7-28-04	7-28-04	7-28-04	7-28-04
# Subsamples, Dec.						55 DA-C	55 DA-C	55 DA-C	55 DA-C	55 DA-C	55 DA-C
						0	0	0	0	0	0
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	25	26	27	28	29	30
1	LUMAX	3	qt/a	PRE	A	99	100	100	100	100	82
1	ATRAZINE	1	qt/a	PRE							
2	A14224	3.5	qt/a	PRE	A	99	100	100	100	100	91
3	A14224	3.5	qt/a	PRE	A	100	100	100	100	100	95
3	PRINCEP	1	qt/a	PRE							
4	BICEP II MAGNUM	2.1	qt/a	PRE	A	100	100	73	100	100	82
4	PRINCEP	1	qt/a	PRE							
5	GUARDSMAN MAX	2	pt/a	PRE	A	90	100	100	100	80	80
5	BALANCE PRO	1.5	oz/a	PRE							
6	KEYSTONE	2.5	qt/a	PRE	A	100	100	77	93	95	80
7	KEYSTONE	2.5	qt/a	PRE	A	99	100	100	100	100	85
7	HORNET WDG	3	oz/a	PRE							
8	OUTLOOK	21	oz/a	PRE	A	100	100	99	100	100	96
8	MARKSMAN	3.5	pt/a	EPO	B						
8	AMS	3.5	pt/a								
9	DEFINE SC	14	oz/a	PRE	A	100	100	100	100	100	93
9	ATRAZINE	1	qt/a	PRE							
9	EQUIP	1	oz/a	EPO	B						
9	MARKSMAN	2	pt/a	EPO							
9	MSO	1.5	pt/a	EPO							
9	28 %	1.5	qt/a	EPO							
10	KEYSTONE	2.5	qt/a	PRE	A	99	100	100	100	100	100
10	HORNET WDG	3	oz/a	POST	C						
10	CLARITY	2	oz/a	POST							
10	NIS	6.4	oz/a	POST							
10	28 %	2	qt/a	POST							
11	GUARDSMAN MAX	4	pt/a	PRE	A	99	100	100	100	100	95
11	DISTINCT	4	oz/a	POST	C						
11	NIS	6.4	oz/a	POST							
11	AMS	3	qt/a	POST							
12	GUARDSMAN MAX	2	pt/a	PRE	A	100	100	100	100	100	96
12	LIGHTNING	1.28	oz/a	POST	C						
12	DISTINCT	4	oz/a	POST							
12	NIS	6.4	oz/a	POST							
12	AMS	3	qt/a	POST							
13	BICEP II MAGNUM	2.1	qt/a	PRE	A	99	100	98	100	100	100
13	BUCTRIL+ATRAZINE	2	pt/a	POST	C						
13	CALLISTO	0.75	oz/a	POST							
14	DEFINE SC	18	oz/a	PRE	A	99	100	100	100	100	100
14	ATRAZINE	1.5	qt/a	PRE							
14	BUCTRIL+ATRAZINE	2	pt/a	POST	C						
14	CALLISTO	0.75	oz/a	POST							
15	AXIOM DF	16	oz/a	PRE	A	98	100	100	100	100	100
15	ATRAZINE	1.5	qt/a	PRE							
15	BUCTRIL+ATRAZINE	2	pt/a	POST	C						
15	CALLISTO	0.75	oz/a	POST							
16	DEFINE SC	10	oz/a	PRE	A	99	100	100	100	100	100
16	ATRAZINE	1	qt/a	PRE							
16	EQUIP	1.5	oz/a	POST	C						
16	MSO	3	pt/a	POST							
16	28 %	1.5	qt/a	POST							
17	LIGHTNING	1.28	oz/a	EPO	B	99	100	100	100	100	93
17	DISTINCT	4	oz/a	EPO							
17	NIS	6.4	oz/a	EPO							
17	AMS	3	qt/a	EPO							
18	UTC					0	0	0	0	0	0
LSD (P=.05)						3.7	0.0	5.0	1.8	4.0	13.4
Standard Deviation						2.2	0.0	3.0	1.1	2.4	8.1
CV						2.36	0.0	3.29	1.16	2.59	9.25
Replicate F						0.529	0.000	2.512	1.000	0.239	2.247
Replicate Prob(F)						0.5941	1.0000	0.0961	0.3784	0.7884	0.1211
Treatment F						337.376	0.000	194.198	1401.680	290.747	24.330
Treatment Prob(F)						0.0001	1.0000	0.0001	0.0001	0.0001	0.0001