University of Georgia

Seeded onion response to Dual Magnum, Outlook, and Prowl H20.

Trial ID: Veg1-08(onion) Study Dir.: Jona Edwards
Location: VORF Investigator: Stanley Culpepper

Reps: 3 Plots: 12 by 20 feet
Spray vol: 14.8 gal/ac Mix size: 1.5 liters (min .92602)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Plot No. By Rep 1	2	3
1	Dual Magnum PRE Application	7.62	L	8	OZ/A		A A	6.334 ml/mx	101	210	304
2	Dual Magnum 1 leaf application	7.62	L	8	OZ/A		B B	6.334 ml/mx	102	215	312
3	Dual Magnum 4 leaf application	7.62	L	8	OZ/A		C C	6.334 ml/mx	103	207	310
4	Dual Magnum PRE Application	7.62	L	16	OZ/A		A A	12.67 ml/mx	104	209	320
5	Dual Magnum 1 leaf application	7.62	L	16	OZ/A		B B	12.67 ml/mx	105	211	303
6	Dual Magnum 4 leaf application	7.62	L	16	OZ/A		C C	12.67 ml/mx	106	214	318
7	Outlook PRE Application	6	L	8	OZ/A		A A	6.334 ml/mx	107	213	309
8	Outlook 1 leaf application	6	L	8	OZ/A		B B	6.334 ml/mx	108	206	315
9	Outlook 4 leaf application	6	L	8	OZ/A		C C	6.334 ml/mx	109	203	305
10	Outlook PRE Application	6	L	16	OZ/A		A A	12.67 ml/mx	110	212	314
11	Outlook 1 leaf application	6	L	16	OZ/A		B B	12.67 ml/mx	111	202	316
12	Outlook 4 leaf application	6	L	16	OZ/A		C C	12.67 ml/mx	112	220	319
13	Prowl H20 PRE Application	3.8	L	1	PT/A		A A	12.67 ml/mx	113	201	302
14	Prowl H20 1 leaf application	3.8	L	1	PT/A		B B	12.67 ml/mx	114	216	308
15	Prowl H20 4 leaf application	3.8	L	1	PT/A		C C	12.67 ml/mx	115	218	313
16	Prowl H20 PRE Application	3.8	L	2	PT/A		A A	25.34 ml/mx	116	204	311
17	Prowl H20 1 leaf application	3.8	L	2	PT/A		B B	25.34 ml/mx	117	219	306
18	Prowl H20 4 leaf application	3.8	L	2	PT/A		C C	25.34 ml/mx	118	205	307
19	Non-treated control								119	208	317
20	Non-treated control								120	217	301

Sort Order: Treatment

Product quantities required for listed treatments and applications in one trial:

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
71.263	ml	Dual Magnum	7.62	L	
71.263	ml	Outlook	6	L	
142.510	ml	Prowl H20	3.8	L	

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Reps: 3 Plots: 12 by 20 feet
Spray vol: 14.8 gal/ac Mix size: 1.5 liters (min .92602)

Trt No.	Tr> N>	Form Conc	Form Type	Rate	Rate Unit	Plot No. By Rep

Product quantities required for listed treatments and applications in one trial:

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code

* 'Per area' calculations based on spray volume= 14.8 gal/ac, mix size= 1.5 liters (mix size basis).
* Product amount calculations increased 25 % for overage adjustment.

Trial Comments

OBJECTIVE: To determine seeded onion response to Dual Magnum, Outlook, and Prowl H20.

1. Dual Magnum: Seeded onion was moderately tolerant only with 8 oz applied to 4 leaf onion.
2. Outlook: Seeded onion was tolerant at 8 or 16 oz applied to 4 leaf onion.
3. Prowl H20: Seeded onion was tolerant at 1 or 2 pt applied at 1 or 4 leaf onion.

CONCLUSIONS:
1. Onion should be 6 leaf before applying 8 oz of Dual Magnum.
2. Onion should be 4 leaf before applying Outlook.
3. Prowl H20 can be applied to onion in the loop stage at 1 pt/A.

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Seeded onion response to Dual Magnum, Outlook, and Prowl H20.

Trial ID: Veg1-08(onion) Study Dir.: Jona Edwards
Location: VORF Investigator: Stanley Culpepper

Trt No.	Treatment Name	Rate	Rate Unit	1	2	3	4	5	6	7	8
Weed Code											
Crop Code				onion	onion	onion	onion	onion	plant 1 onion	plant 2 onion	plant 3 onion
Part Rated									left	left	left
Rating Data Type				injury	injury	injury	injury	injury	ht	ht	ht
Rating Unit									cm	cm	cm
Rating Date				Dec-07-07	Dec-20-07	Jan-03-08	Feb-05-08	Mar-28-08	Feb-05-08	Feb-05-08	Feb-05-08
ARM Action Codes											
1	Dual Magnum PRE Application	8	OZ/A	88 a	93 a	90 a	94 a	94 a	6 def	7 a-d	2 fg
2	Dual Magnum 1 leaf application	8	OZ/A	45 cd	75 b	68 b	87 a	88 a	9 b-f	8 a-d	6 d-g
3	Dual Magnum 4 leaf application	8	OZ/A	0 f	10 e	6 f	8 de	5 fg	8 b-f	8 a-d	6 d-g
4	Dual Magnum PRE Application	16	OZ/A	99 a	99 a	98 a	99 a	98 a	0 f	0 d	0 g
5	Dual Magnum 1 leaf application	16	OZ/A	63 bc	93 a	95 a	99 a	98 a	4 ef	3 cd	4 efg
6	Dual Magnum 4 leaf application	16	OZ/A	0 f	10 e	22 de	27 cd	23 de	5 def	5 bcd	8 def
7	Outlook PRE Application	8	OZ/A	42 de	70 b	49 c	40 bc	49 bc	8 b-f	14 ab	11 b-e
8	Outlook 1 leaf application	8	OZ/A	37 de	27 d	14 ef	20 de	33 d	9 b-f	12 abc	12 a-e
9	Outlook 4 leaf application	8	OZ/A	0 f	5 e	0 f	0 e	7 fg	18 a	16 a	18 ab
10	Outlook PRE Application	16	OZ/A	80 ab	93 a	90 a	95 a	92 a	7 c-f	8 a-d	7 d-g
11	Outlook 1 leaf application	16	OZ/A	32 de	45 c	33 d	41 bc	60 b	11 a-e	10 abc	9 c-f
12	Outlook 4 leaf application	16	OZ/A	0 f	10 e	9 f	11 de	18 ef	5 def	13 ab	9 c-f
13	Prowl H20 PRE Application	1	PT/A	22 ef	33 cd	27 de	26 cd	37 cd	9 b-e	11 abc	12 a-e
14	Prowl H20 1 leaf application	1	PT/A	8 f	8 e	0 f	0 e	8 fg	13 a-e	15 a	12 a-e
15	Prowl H20 4 leaf application	1	PT/A	0 f	0 e	0 f	0 e	2 g	17 ab	12 abc	13 a-d
16	Prowl H20 PRE Application	2	PT/A	53 cd	43 c	47 c	55 b	60 b	13 a-d	15 ab	20 a
17	Prowl H20 1 leaf application	2	PT/A	8 f	8 e	2 f	3 e	12 efg	11 a-e	17 a	17 abc
18	Prowl H20 4 leaf application	2	PT/A	3 f	5 e	2 f	3 e	10 efg	16 abc	15 a	13 a-d
19	Non-treated control			0 f	0 e	0 f	0 e	0 g	13 a-d	14 ab	11 b-e
20	Non-treated control			0 f	0 e	0 f	0 e	0 g	16 abc	15 a	12 a-e
LSD (P=.05)				19.7	11.8	12.0	17.5	13.4	7.4	8.0	6.9
Standard Deviation				11.9	7.1	7.3	10.6	8.1	4.5	4.9	4.2
CV				41.07	19.59	22.34	30.06	20.47	45.34	44.77	41.65
Bartlett's X2				20.418	21.283	29.429	31.001	36.73	21.936	33.568	23.49
P(Bartlett's X2)				0.04*	0.068	0.006*	0.002*	0.001*	0.235	0.014*	0.172

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Weed Code						plant 1	plant 2	plant 3
Crop Code	onion	onion	onion	onion	onion	onion	onion	onion
Part Rated						left	left	left
Rating Data Type	injury	injury	injury	injury	injury	ht	ht	ht
Rating Unit						cm	cm	cm
Rating Date	Dec-07-07	Dec-20-07	Jan-03-08	Feb-05-08	Mar-28-08	Feb-05-08	Feb-05-08	Feb-05-08
ARM Action Codes								

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

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Weed Code				plant 4	plant 5	plant 6	plant 7	plant 8	plant 9	plant 10	plant av
Crop Code				onion	onion	onion	onion	onion	onion	onion	onion
Part Rated				left	left	left	left	left	left	left	left
Rating Data Type				ht	ht	ht	ht	ht	ht	ht	ht
Rating Unit				cm	cm	cm	cm	cm	cm	cm	cm
Rating Date				Feb-05-08	Feb-05-08	Feb-05-08	Feb-05-08	Feb-05-08	Feb-05-08	Feb-05-08	Feb-05-08
ARM Action Codes											T1
Trt No.	Treatment Name	Rate	Rate Unit	9	10	11	12	13	14	15	16
1	Dual Magnum PRE Application	8	OZ/A	1 cd	2 f	2 de	4 ef	3 de	2 fg	0 e	3 hij
2	Dual Magnum 1 leaf application	8	OZ/A	7 bcd	7 c-f	9 a-e	6 c-f	8 a-e	5 d-g	8 b-e	7 e-h
3	Dual Magnum 4 leaf application	8	OZ/A	8 a-d	11 a-e	10 a-d	9 a-f	12 a-d	11 a-e	9 bcd	9 d-g
4	Dual Magnum PRE Application	16	OZ/A	0 d	0 f	0 e	0 f	0 e	0 g	0 e	0 j
5	Dual Magnum 1 leaf application	16	OZ/A	1 cd	1 f	0 e	0 f	0 e	0 g	0 e	1 ij
6	Dual Magnum 4 leaf application	16	OZ/A	8 a-d	5 ef	5 b-e	5 def	4 cde	6 c-g	9 bcd	6 fgh
7	Outlook PRE Application	8	OZ/A	14 ab	11 a-e	11 abc	11 a-e	10 a-d	12 a-e	13 abc	12 a-e
8	Outlook 1 leaf application	8	OZ/A	16 ab	10 b-e	12 ab	11 a-e	16 a	15 abc	10 a-d	12 a-d
9	Outlook 4 leaf application	8	OZ/A	13 ab	15 ab	16 a	17 a	13 abc	18 a	14 abc	16 a
10	Outlook PRE Application	16	OZ/A	7 bcd	4 ef	3 cde	3 ef	6 b-e	5 efg	3 de	5 ghi
11	Outlook 1 leaf application	16	OZ/A	10 abc	9 b-e	12 ab	11 a-e	10 a-d	8 b-g	6 cde	10 c-g
12	Outlook 4 leaf application	16	OZ/A	12 ab	6 def	9 a-e	13 a-e	13 abc	14 abc	10 a-d	10 b-f
13	Prowl H20 PRE Application	1	PT/A	14 ab	10 b-e	12 ab	16 ab	12 a-d	10 a-f	12 abc	12 a-e
14	Prowl H20 1 leaf application	1	PT/A	14 ab	16 ab	18 a	15 abc	13 abc	15 abc	15 ab	15 abc
15	Prowl H20 4 leaf application	1	PT/A	16 ab	18 a	12 ab	16 abc	14 ab	15 abc	15 ab	15 abc
16	Prowl H20 PRE Application	2	PT/A	16 ab	15 ab	16 a	7 b-f	11 a-d	11 a-f	12 abc	13 a-d
17	Prowl H20 1 leaf application	2	PT/A	17 a	13 a-d	16 a	12 a-e	12 a-d	16 ab	10 a-d	14 a-d
18	Prowl H20 4 leaf application	2	PT/A	12 ab	11 a-e	14 a	18 a	13 abc	18 a	13 abc	14 abc
19	Non-treated control			11 ab	11 a-e	11 abc	14 a-d	12 a-d	14 a-e	16 ab	13 a-d
20	Non-treated control			15 ab	14 abc	12 ab	16 abc	16 a	14 a-d	18 a	15 ab
LSD (P=.05)				7.4	6.4	7.9	8.0	7.6	7.6	7.0	4.2
Standard Deviation				4.5	3.8	4.8	4.8	4.6	4.6	4.3	2.5
CV				42.49	40.88	47.89	47.5	46.83	43.95	44.34	25.15
Bartlett's X2				17.778	21.771	27.439	22.818	15.279	20.869	16.96	27.797
P(Bartlett's X2)				0.47	0.242	0.052	0.155	0.431	0.232	0.388	0.065

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

Column 16: T1 = @AVG([C6].[C15])

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Trt No.	Treatment Name	Rate	Rate Unit	plant 1	plant 2	plant 3	plant 4	plant 5	plant 6	plant 7	plant 8
Weed Code											
Crop Code				onion	onion	onion	onion	onion	onion	onion	onion
Part Rated				right	right	right	right	right	right	right	right
Rating Data Type				ht	ht	ht	ht	ht	ht	ht	ht
Rating Unit				cm	cm	cm	cm	cm	cm	cm	cm
Rating Date				Feb-05-08	Feb-05-08	Feb-05-08	Feb-05-08	Feb-05-08	Feb-05-08	Feb-05-08	Feb-05-08
ARM Action Codes											
				17	18	19	20	21	22	23	24
1	Dual Magnum PRE Application	8	OZ/A	6 def	4 ef	3 efg	4 efg	5 efg	3 bcd	4 de	4 def
2	Dual Magnum 1 leaf application	8	OZ/A	6 ef	8 def	12 bcd	7 d-g	10 de	9 abc	10 bcd	9 b-f
3	Dual Magnum 4 leaf application	8	OZ/A	12 b-e	11 b-e	12 bcd	8 c-f	11 cde	16 a	14 abc	12 a-e
4	Dual Magnum PRE Application	16	OZ/A	3 f	0 f	0 g	0 g	0 g	0 d	0 e	0 f
5	Dual Magnum 1 leaf application	16	OZ/A	3 f	1 f	3 fg	2 fg	2 fg	0 d	0 e	0 f
6	Dual Magnum 4 leaf application	16	OZ/A	10 c-f	5 ef	7 d-g	8 d-g	8 def	13 a	7 cde	6 c-f
7	Outlook PRE Application	8	OZ/A	15 bc	14 bcd	9 b-f	13 a-d	10 cde	16 a	19 ab	17 ab
8	Outlook 1 leaf application	8	OZ/A	12 b-e	14 bcd	10 b-e	11 b-e	14 a-d	10 abc	11 a-d	7 b-f
9	Outlook 4 leaf application	8	OZ/A	23 a	16 abc	11 bcd	19 ab	15 a-d	17 a	13 abc	17 ab
10	Outlook PRE Application	16	OZ/A	10 c-f	8 def	9 c-f	8 d-g	8 def	3 cd	1 e	3 ef
11	Outlook 1 leaf application	16	OZ/A	13 b-e	9 cde	13 bcd	14 a-d	11 cde	14 a	11 a-d	11 a-e
12	Outlook 4 leaf application	16	OZ/A	14 bcd	12 b-e	10 b-f	12 a-e	13 b-e	11 ab	13 abc	12 a-e
13	Prowl H20 PRE Application	1	PT/A	16 abc	16 abc	13 bcd	16 abc	15 a-d	11 ab	18 ab	16 abc
14	Prowl H20 1 leaf application	1	PT/A	20 ab	18 ab	16 abc	16 abc	18 abc	15 a	13 abc	16 abc
15	Prowl H20 4 leaf application	1	PT/A	17 abc	16 a-d	14 bcd	16 abc	14 a-d	14 a	20 a	16 a-d
16	Prowl H20 PRE Application	2	PT/A	9 c-f	11 b-e	16 abc	14 a-d	14 a-d	15 a	12 a-d	14 a-e
17	Prowl H20 1 leaf application	2	PT/A	17 abc	18 ab	17 ab	17 ab	14 a-d	15 a	19 a	21 a
18	Prowl H20 4 leaf application	2	PT/A	13 b-e	12 b-e	15 bcd	16 abc	12 b-e	12 a	15 abc	18 ab
19	Non-treated control			14 bc	17 abc	14 bcd	19 a	22 a	16 a	19 ab	14 a-e
20	Non-treated control			17 abc	23 a	22 a	16 abc	20 ab	16 a	16 abc	14 a-e
LSD (P=.05)				6.8	6.9	6.6	7.0	6.9	6.9	7.7	9.7
Standard Deviation				4.1	4.2	4.0	4.2	4.2	4.2	4.7	5.9
CV				33.21	35.78	35.48	36.25	35.62	37.18	39.72	51.77
Bartlett's X2				18.886	35.04	26.018	20.74	15.357	9.272	13.95	28.468
P(Bartlett's X2)				0.464	0.009*	0.099	0.293	0.637	0.931	0.671	0.04*

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date ARM Action Codes			plant 9 onion right ht cm Feb-05-08	plant 10 onion right ht cm Feb-05-08	plant av onion right ht cm Feb-05-08 T2	Avg20Pla onion ht cm Feb-05-08 T4	onion stand count left Feb-05-08	onion stand count right Feb-05-08	PlantSta onion #plant5foot Feb-05-08 T3
Trt No.	Treatment Name	Rate Rate Unit	25	26	27	28	29	30	31
1	Dual Magnum PRE Application	8 OZ/A	2 de	0 f	4 hi	3 gh	1 ef	1 h	1 de
2	Dual Magnum 1 leaf application	8 OZ/A	6 cde	10 cde	8 efg	8 ef	6 c-f	5 gh	5 cd
3	Dual Magnum 4 leaf application	8 OZ/A	15 abc	15 abc	13 b-e	11 cde	19 a	16 cd	17 a
4	Dual Magnum PRE Application	16 OZ/A	0 e	0 f	0 i	0 i	0 f	1 h	0 de
5	Dual Magnum 1 leaf application	16 OZ/A	0 e	0 f	1 hi	1 hi	0 f	0 h	0 e
6	Dual Magnum 4 leaf application	16 OZ/A	7 b-e	8 de	8 fg	7 f	7 c-f	9 efg	8 bc
7	Outlook PRE Application	8 OZ/A	14 abc	11 b-e	14 a-d	13 a-d	9 cd	11 ef	10 bc
8	Outlook 1 leaf application	8 OZ/A	13 a-d	13 b-e	11 def	12 bcd	19 a	18 bc	18 a
9	Outlook 4 leaf application	8 OZ/A	17 abc	16 abc	16 abc	16 a	22 a	21 ab	22 a
10	Outlook PRE Application	16 OZ/A	0 e	0 f	5 gh	5 fg	2 def	2 h	2 de
11	Outlook 1 leaf application	16 OZ/A	14 abc	8 e	12 c-f	11 de	10 bc	13 de	12 b
12	Outlook 4 leaf application	16 OZ/A	12 a-d	15 abc	12 cde	11 cd	19 a	21 ab	20 a
13	Prowl H20 PRE Application	1 PT/A	17 abc	21 a	16 a-d	14 a-d	12 bc	12 de	12 b
14	Prowl H20 1 leaf application	1 PT/A	12 bcd	10 cde	16 a-d	15 ab	19 a	19 bc	19 a
15	Prowl H20 4 leaf application	1 PT/A	14 abc	15 a-d	15 a-d	15 ab	19 a	21 ab	20 a
16	Prowl H20 PRE Application	2 PT/A	15 abc	16 abc	14 a-d	13 a-d	8 cde	7 fg	8 bc
17	Prowl H20 1 leaf application	2 PT/A	24 a	16 abc	18 a	16 a	17 ab	18 bc	18 a
18	Prowl H20 4 leaf application	2 PT/A	19 ab	14 b-e	15 a-d	14 abc	20 a	24 a	22 a
19	Non-treated control		17 abc	17 ab	17 ab	15 ab	20 a	21 ab	21 a
20	Non-treated control		13 a-d	17 ab	17 a	16 a	21 a	21 ab	21 a
LSD (P=.05)			9.8	5.9	3.9	3.0	6.5	4.3	4.6
Standard Deviation			5.9	3.6	2.4	1.8	4.0	2.6	2.8
CV			51.28	31.99	20.6	16.77	31.51	19.82	21.88
Bartlett's X2			15.477	23.096	16.18	24.782	23.668	21.755	33.174
P(Bartlett's X2)			0.49	0.082	0.645	0.168	0.166	0.243	0.023*

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)
Column 27: T2 = @AVG([C17].[C26])
Column 28: T4 = ([16]+[27])/2
Column 31: T3 = ([29]+[30])/2

University of Georgia

Seeded onion response to Dual Magnum, Outlook, and Prowl H20.

Trial ID: Veg1-08(onion) Study Dir.: Jona Edwards
Location: VORF Investigator: Stanley Culpepper

GENERAL TRIAL INFORMATION

Study Director: Stanley Culpepper **Title:** Ext. Weed Science
Affiliation: Univ. of Georgia
Postal Code: 31794

Investigator: Stanley Culpepper **Title:** Ext. Weed Science
Affiliation: Univ. of Georgia
Postal Code: 31794

TRIAL LOCATION

City: Vidalia **Trial Status:** completed
State/Prov.: GA **Trial Reliability:** good
Postal Code: _____ **Initiation Date:** Oct-22-07
Country: USA **Planned Completion Date:** _____
E-Longitude of LL Corner °: _____ **N-Latitude of LL Corner °:** _____
Altitude of LL Corner: _____ **Unit:** _____ **Angle y-axis to North °:** _____
Directions:

COOPERATOR/LANDOWNER

Cooperator: _____ **Country:** _____
Org: _____ **Phone No:** _____
Address 1: _____ **Fax No:** _____
Address 2: _____
City: _____
State/Prov: _____
Postal Code: _____

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N
Guidelines: _____ **Guideline Description:** _____

Objective: To determine seeded onion response to Dual Magnum, Outlook, and Prowl H20.

Conclusions:

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.			
2.			
3.			

Crop 1: ALLCE ONION, DRY BULB **Variety:** Century
Planting Date: _____ **Planting Method:** SEEDED
Rate: 87120 S/A **Depth:** 0.25 IN **Perennial Age:** _____ _____
Row Spacing: 15 IN **Spacing Within Row:** 4 IN **Seed Bed:** COARSE
Soil Temperature: 79 F **Soil Moisture:** Moist **Emergence Date:** Oct-31-07

SITE AND DESIGN

Plot Width, Unit: 12 FT **Plot Length, Unit:** 20 FT **Reps:** 3
Site Type: Vidialia Onion Research Center
Tillage Type: Conventional **Study Design:** FACTORIAL

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.			

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MAINTENANCE

Field Prep./Maintenance:

No.	Date	Maintenance Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit
1.							

SOIL DESCRIPTION

% Sand: 86 **% OM:** 0.47 **Texture:** loamy sand
% Silt: 10 **pH:** 5.9 **Soil Name:** _____
% Clay: 4 **CEC:** _____ **Fert. Level:** _____

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

Overall Moisture Conditions: irrigated often
Closest Weather Station: _____ **Distance:** _____ **Unit:** __

APPLICATION DESCRIPTION

	A	B	C
Application Date:	Oct-22-07	Nov-05-07	Dec-07-07
Time of Day:	10:00 am	9:15 am	4:30 pm
Application Method:	broadcast	broadcast	broadcast
Application Timing:	PRE	1 leaf	6 leaf
Applic. Placement:	on soil	overtop	overtop
Air Temp., Unit:	75.8 f	65 f	60 f
% Relative Humidity:	86	52	73
Wind Velocity, Unit:	2.7 mph	3 mph	1 mph
Dew Presence (Y/N):	n	n	n
Water Hardness:			
Soil Temp., Unit:	73.6 f	60 f	59 f
Soil Moisture:	moist	moist	moist
% Cloud Cover:	100	0	0

CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	ALLCE pre-emerg	ALLCE 1 leaf	ALLCE 3-4 leaf
Stage Scale:	none emer	1 leaf	4 leaf
Height, Unit:	0 inch	1 in	4 inch

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WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code, Stage:			
Stage Scale:			
Density, Unit:			
Weed 2 Code, Stage:			
Stage Scale:			
Density, Unit:			
Weed 3 Code, Stage:			
Stage Scale:			
Density, Unit:			

APPLICATION EQUIPMENT

	A	B	C
Appl. Equipment:	backpack	backpack	backpack
Operating Pressure:	24	24	24
Nozzle Type:	flat fan	flat fan	flat fan
Nozzle Size:	11002	11002	11002
Nozzle Spacing, Unit:	18 in	18 in	18 in
Nozzles/Row:	1	1	1
Band Width, Unit:			
Boom Length, Unit:	4.5 feet	4.5 feet	4.5 feet
Boom Height, Unit:	15 inch	15 inch	15 inch
Ground Speed, Unit:	3 mph	3 mph	3 mph
Incorporation Equip.:			
Hours to Incorp.:			
Incorp. Depth, Unit:			
Carrier:	water	water	water
Spray Volume, Unit:	14.8 GPA	14.8 GPA	14.8 GPA
Spray pH:			
Propellant:	CO2	CO2	CO2
Tank Mix (Y/N):	N	N	N

Trt No	Treatment Application Comment