

# University of Georgia

**Broccoli, cabbage, collard, kale response to numerous herbicides.**

Trial ID: Veg35-08  
Location: Ponder farm

Study Dir.: Stanley Culpepper  
Investigator: Stanley Culpepper

Reps: 3                      Plots: 12 by 15 feet  
Spray vol: 14.8 gal/ac      Mix size: 1 liters (min .69451)

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Plot No. By Rep		
										1	2	3
1	V-10206 Pretransplant	85		DG	0.1	LB A/A		A	0.9525 g/mx	101	208	301
2	V-10206 2 d after transplant	85		DG	0.1	LB A/A		B POST B	0.9525 g/mx	102	228	314
3	V-10206 10 d after transplant	85		DG	0.1	LB A/A		C POST C	0.9525 g/mx	103	217	303
4	V-10206 Pretransplant	85		DG	0.2	LB A/A		A Preplant A	1.905 g/mx	104	222	306
5	V-10206 2 d after transplant	85		DG	0.2	LB A/A		B POST B	1.905 g/mx	105	216	307
6	V-10206 10 d after transplant	85		DG	0.2	LB A/A		C POST C	1.905 g/mx	106	223	313
7	Valor Pretransplant	51		DG	1	OZ/A		A Preplant A	0.506 g/mx	107	210	312
8	Valor 2 d after transplant	51		DG	1	OZ/A		B POST B	0.506 g/mx	108	209	325
9	Valor 10 d after transplant	51		DG	1	OZ/A		C POST C	0.506 g/mx	109	204	324
10	Valor Pretransplant	51		DG	2	OZ/A		A Preplant A	1.012 g/mx	110	211	319
11	Valor 2 d after transplant	51		DG	2	OZ/A		B POST B	1.012 g/mx	111	212	316
12	Valor 10 d after transplant	51		DG	2	OZ/A		C POST C	1.012 g/mx	112	207	318
13	Dual Magnum Pretransplant	7.64		L	12	OZ/A		A Preplant A	6.334 ml/mx	113	227	310
14	Dual Magnum 2 d after transplant	7.64		L	12	OZ/A		B POST B	6.334 ml/mx	114	203	311
15	Dual Magnum 10 d after transplant	7.64		L	12	OZ/A		C POST C	6.334 ml/mx	115	226	308
16	Dual Magnum Pretransplant	7.64		L	24	OZ/A		A Preplant A	12.67 ml/mx	116	224	302
17	Dual Magnum 2 d after transplant	7.64		L	24	OZ/A		B POST B	12.67 ml/mx	117	205	317
18	Dual Magnum 10 d after transplant	7.64		L	24	OZ/A		C POST C	12.67 ml/mx	118	219	323
19	Prowl H20 Pretransplant	3.8		L	1	PT/A		A Preplant A	8.445 ml/mx	119	221	315
20	Prowl H20 2 d after transplant	3.8		L	1	PT/A		B POST B	8.445 ml/mx	120	202	304
21	Prowl H20 10 d after transplant	3.8		L	1	PT/A		C POST C	8.445 ml/mx	121	206	322
22	Prowl H20 Pretransplant	3.8		L	2	PT/A		A Preplant A	16.89 ml/mx	122	215	309
23	Prowl H20 2 d after transplant	3.8		L	2	PT/A		B POST B	16.89 ml/mx	123	201	326
24	Prowl H20 10 d after transplant	3.8		L	2	PT/A		C POST C	16.89 ml/mx	124	220	327

# University of Georgia

Reps: 3

Plots: 12 by 15 feet

Spray vol: 14.8 gal/ac

Mix size: 1 liters (min .69451)

Ttr No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate	Grow Stg	Appl Code	Amt Product to Measure	Plot No. By Rep		
									1	2	3
25	Prowl H20 Pretransplant	3.8	L		4 PT/A		A	33.78 ml/mx	125	214	328
							Preplant A				
26	Prowl H20 2 d after transplant	3.8	L		4 PT/A		B B	33.78 ml/mx	126	213	305
							POST				
27	Prowl H20 10 d after transplant	3.8	L		4 PT/A		C C	33.78 ml/mx	127	218	320
							POST				
28	Non-treated control								128	225	321

Sort Order: Treatment

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

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
10.716	g	V-10206	85	DG	
5.693	g	Valor	51	DG	
71.263	ml	Dual Magnum	7.64	L	
221.683	ml	Prowl H20	3.8	L	

\* 'Per area' calculations based on spray volume= 14.8 gal/ac, mix size= 1 liters (mix size basis).

\* Product amount calculations increased 25 % for overage adjustment.

### Trial Comments

OBJECTIVE: Determine potential herbicides for use in broccoli, cabbage, collard, and kale.

#### BROCCOLI:

1. Less than 10% injury was noted throughout the crop with the following:

- A. V-10206 applied at 0.1 lb 10 d after transplant.
- B. Dual Magnum at 12 oz applied pre or post transplant at any timing.
- C. Dual Magnum at 24 oz applied post-transplant 10 d after transplant.
- D. Prowl H20 at 1 or 2 pt/A applied pre or post-transplant at any timing.

2. Plant heights were measured twice during the season.

- A. Trends were identical to those noted with visual stunting injury except for a trend for smaller plants with Dual Mangum at 24 oz/A applied pre-transplant.

3. One harvest occurred.

- A. V-10206 at 0.2 lb and Valor at 1 or 2 oz applied pre-transplant and post-transplant 2 d after planting reduced yields. Prowl H20 applied post-transplant 10 d after planting also reduced yields.

#### CABBAGE:

1. Less than 11% injury was noted throughout the crop with the following:

- A. V-10206 applied at 0.1 lb 10 d after transplant.
- B. Dual Magnum at 12 oz applied pre or post transplant at any timing.
- C. Dual Magnum at 24 oz applied post-transplant 10 d after transplant.
- D. Prowl H20 at 1 or 2 pt/A applied pre or post-transplant at any timing.

2. Plant heights were measured twice during the season.

- A. Trends were identical to those noted with visual stunting injury except for a trend for smaller plants with Dual Mangum at 24 oz/A applied pre-transplant.

3. Three harvests occurred. When adding the harvests:

# University of Georgia

A. Greatest yields were noted with V-10206 at 0.1lb 10 d after transplant, Valor 1 oz POST 10 d, Dual Mag. at 12 or 24 oz pre or post, and Prowl at 1 or 2 pt PRE or POST.

## COLLARD:

1. Less than 10% injury was noted throughout the crop with the following:

- A. V-10206 applied at 0.1 or 0.2 lb 10 d after transplant.
- B. Dual Magnum at 12 or 24 oz applied pre or post transplant at any timing.
- C. Prowl H20 at 1 or 2 pt/A applied pre.
- E. Prowl H20 at ? pt/A applied post-transplant.

2. Plant heights were measured twice during the season.

- A. Trends were identical to those noted with visual stunting.

3. Three harvests occurred. When adding the harvests:

- A. Greatest yields were noted with V-10206 at 0.1 or 0.2 lb 10 d after transplant, Valor 1 oz post 2 or 10 d, Dual Mag. at 12 or 24 oz pre or post, Prowl at 1 or 2 pt pre, or Prowl 2 pt PRE.

## KALE:

1. Less than 11% injury was noted throughout the crop with the following:

- A. V-10206 applied at 0.1 or 0.2 lb 10 d after transplant.
- B. Dual Magnum at 12 or 24 oz applied pre or post transplant at any timing.
- C. Prowl H20 at 1, 2, or 4 pt/A applied pre or post-transplant.

2. Plant heights were measured twice during the season.

- A. Trends were identical to those noted with visual stunting injury.

3. Three harvests occurred. When adding the harvests:

- A. Greatest yields were noted with V-10206 at 0.1 or 0.2 lb 10 d after transplant, Valor 1 or 2 oz post 10 d, Dual Mag. at 12 or 24 oz pre or post, Prowl at 1 or 2 pt PRE or POST.

## COMMENTS:

- 1. Greater tolerance than expected was noted with these crops to Valor applied post-transplant at 10 days.
- 2. Dual post-transplant was very effective with no signs of injury throughout the study.
- 3. Prowl pre-transplant at 1 or 2 pt/A was very effective. Post-transplant at higher rates caused plants to break off at the soil line when a severe wind storm passed through.

# University of Georgia

**Broccoli, cabbage, collard, kale response to numerous herbicides.**

Trial ID: Veg35-08

Study Dir.: Stanley Culpepper

Location: Ponder farm

Investigator: Stanley Culpepper

Weed Code			Broccoli injury %	Broccoli injury %	Broccoli injury %	Broccoli injury %	Cabbage injury %	Cabbage injury %	Cabbage injury %	Cabbage injury %
Crop Code										
Rating Data Type										
Rating Unit										
Rating Date			Oct-21-07	Oct-25-07	Nov-10-07	Dec-01-07	Oct-21-07	Oct-25-07	Nov-10-07	Dec-01-07
Assessed By			SC	SC	SC	SC	SC	SC	SC	SC
Trt-Eval Interval			7 DA-B	4 DA-C	20 DA-C	41 DA-C	7 DA-B	4 DA-C	20 DA-C	41 DA-C
ARM Action Codes										
Trt No.	Treatment Name	Rate								
		Rate Unit	1	2	3	4	6	7	8	9
1	V-10206 Pretransplant	0.1 LB A/A	0 d	10 def	30 d	20 cde	0 c	16 d-g	40 d	30 c
2	V-10206 2 d after transplant	0.1 LB A/A	0 d	10 def	28 de	20 cde	0 c	15 d-h	43 d	43 bc
3	V-10206 10 d after transplant	0.1 LB A/A	0 d	7 e-h	10 f	7 de	0 c	7 f-i	9 e-h	9 d
4	V-10206 Pretransplant	0.2 LB A/A	0 d	18 c	70 b	62 b	0 c	22 de	72 c	70 a
5	V-10206 2 d after transplant	0.2 LB A/A	0 d	15 cd	75 ab	67 ab	0 c	23 d	75 bc	80 a
6	V-10206 10 d after transplant	0.2 LB A/A	0 d	9 d-g	13 f	9 de	0 c	10 e-i	23 e	9 d
7	Valor Pretransplant	1 OZ/A	0 d	20 c	47 c	33 c	0 c	35 c	72 c	47 b
8	Valor 2 d after transplant	1 OZ/A	0 d	37 b	72 ab	73 ab	0 c	50 b	90 a	83 a
9	Valor 10 d after transplant	1 OZ/A	0 d	13 cde	0 f	6 de	0 c	18 def	16 e-h	8 d
10	Valor Pretransplant	2 OZ/A	15 a	52 a	80 ab	83 a	23 a	65 a	87 ab	73 a
11	Valor 2 d after transplant	2 OZ/A	7 b	48 a	85 a	80 ab	11 b	70 a	91 a	80 a
12	Valor 10 d after transplant	2 OZ/A	0 d	15 cd	11 f	7 de	0 c	22 de	21 ef	6 d
13	Dual Magnum Pretransplant	12 OZ/A	0 d	0 h	3 f	2 e	0 c	0 i	8 e-h	3 d
14	Dual Magnum 2 d after transplant	12 OZ/A	0 d	2 fgh	0 f	2 e	0 c	8 f-i	5 gh	0 d
15	Dual Magnum 10 d after transplant	12 OZ/A	0 d	2 fgh	0 f	0 e	0 c	2 i	2 h	0 d
16	Dual Magnum Pretransplant	24 OZ/A	3 c	5 fgh	13 f	8 de	0 c	8 f-i	12 e-h	12 d
17	Dual Magnum 2 d after transplant	24 OZ/A	0 d	2 fgh	16 ef	10 de	0 c	2 i	14 e-h	2 d
18	Dual Magnum 10 d after transplant	24 OZ/A	0 d	2 fgh	0 f	5 e	0 c	10 e-i	9 e-h	9 d
19	Prowl H20 Pretransplant	1 PT/A	0 d	1 gh	0 f	3 e	0 c	7 f-i	8 e-h	2 d
20	Prowl H20 2 d after transplant	1 PT/A	0 d	0 h	2 f	0 e	0 c	0 i	3 gh	0 d
21	Prowl H20 10 d after transplant	1 PT/A	0 d	0 h	0 f	2 e	0 c	0 i	4 gh	3 d

## University of Georgia

Weed Code	Broccoli injury	Broccoli injury	Broccoli injury	Broccoli injury	Cabbage injury	Cabbage injury	Cabbage injury	Cabbage injury		
Crop Code	injury	injury	injury	injury	injury	injury	injury	injury		
Rating Data Type	%	%	%	%	%	%	%	%		
Rating Unit										
Rating Date	Oct-21-07	Oct-25-07	Nov-10-07	Dec-01-07	Oct-21-07	Oct-25-07	Nov-10-07	Dec-01-07		
Assessed By	SC	SC	SC	SC	SC	SC	SC	SC		
Trt-Eval Interval	7 DA-B	4 DA-C	20 DA-C	41 DA-C	7 DA-B	4 DA-C	20 DA-C	41 DA-C		
ARM Action Codes										
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate	Rate		
		Unit	Unit	Unit	Unit	Unit	Unit	Unit		
		1	2	3	4	6	7	8		
		9								
22	Prowl H20 Pretransplant	2 PT/A	0 d	0 h	2 f	2 e	0 c	2 i	4 gh	2 d
23	Prowl H20 2 d after transplant	2 PT/A	0 d	2 fgh	2 f	2 e	0 c	5 ghi	6 fgh	5 d
24	Prowl H20 10 d after transplant	2 PT/A	0 d	2 fgh	2 f	7 de	0 c	3 ghi	22 ef	8 d
25	Prowl H20 Pretransplant	4 PT/A	0 d	0 h	14 f	15 cde	0 c	3 ghi	22 ef	13 d
26	Prowl H20 2 d after transplant	4 PT/A	0 d	0 h	13 f	27 cd	0 c	2 hi	21 ef	35 bc
27	Prowl H20 10 d after transplant	4 PT/A	0 d	2 fgh	12 f	30 c	0 c	6 ghi	19 efg	35 bc
28	Non-treated control		0 d	0 h	1 f	0 e	0 c	0 i	3 gh	0 d
LSD (P=.05)			2.5	7.1	13.1	17.6	1.0	10.6	13.3	14.5
Standard Deviation			1.5	4.3	8.0	10.8	0.6	6.5	8.2	8.9
CV			172.42	44.63	37.54	52.06	49.0	44.35	28.51	37.23
Bartlett's X2			0.901	23.17	32.073	41.732	1.473	29.42	30.872	26.318
P(Bartlett's X2)			0.637	0.281	0.043*	0.014*	0.225	0.167	0.233	0.238

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

# University of Georgia

Weed Code			Collard	Collard	Collard	Collard	Kale	Kale	Kale	Kale
Crop Code			injury	injury	injury	injury	injury	injury	injury	injury
Rating Data Type			%	%	%	%	%	%	%	%
Rating Unit										
Rating Date			Oct-21-07	Oct-25-07	Nov-10-07	Dec-01-07	Oct-21-07	Oct-25-07	Nov-10-07	Dec-01-07
Assessed By			SC	SC	SC	SC	SC	SC	SC	SC
Trt-Eval Interval			7 DA-B	4 DA-C	20 DA-C	41 DA-C	7 DA-B	4 DA-C	20 DA-C	41 DA-C
ARM Action Codes										
Trt No.	Treatment Name	Rate	11	12	13	14	16	17	18	19
		Unit								
1	V-10206 Pretransplant	0.1 LB A/A	0 c	7 def	30 cd	22 cde	0 c	11 cde	38 c	21 bc
2	V-10206 2 d after transplant	0.1 LB A/A	0 c	7 def	32 cd	23 cde	0 c	8 def	27 d	20 bcd
3	V-10206 10 d after transplant	0.1 LB A/A	0 c	3 ef	0 f	3 g	0 c	5 def	6 e	3 e
4	V-10206 Pretransplant	0.2 LB A/A	0 c	22 c	72 b	73 ab	0 c	26 b	73 b	73 a
5	V-10206 2 d after transplant	0.2 LB A/A	0 c	14 cd	72 b	63 b	0 c	19 bc	68 b	70 a
6	V-10206 10 d after transplant	0.2 LB A/A	0 c	6 ef	3 f	0 g	0 c	7 def	3 e	0 e
7	Valor Pretransplant	1 OZ/A	0 c	30 b	43 c	35 cd	0 c	25 b	40 c	22 bc
8	Valor 2 d after transplant	1 OZ/A	0 c	18 c	25 de	33 cd	0 c	25 b	47 c	27 b
9	Valor 10 d after transplant	1 OZ/A	0 c	10 de	5 f	7 fg	0 c	8 def	7 e	2 e
10	Valor Pretransplant	2 OZ/A	13 a	45 a	80 ab	80 a	28 a	77 a	87 a	80 a
11	Valor 2 d after transplant	2 OZ/A	7 b	48 a	87 a	82 a	17 b	75 a	90 a	82 a
12	Valor 10 d after transplant	2 OZ/A	0 c	20 c	10 f	20 def	0 c	13 cd	7 e	5 e
13	Dual Magnum Pretransplant	12 OZ/A	0 c	0 f	3 f	0 g	0 c	0 f	5 e	0 e
14	Dual Magnum 2 d after transplant	12 OZ/A	0 c	7 def	2 f	3 g	0 c	5 def	0 e	0 e
15	Dual Magnum 10 d after transplant	12 OZ/A	0 c	2 ef	0 f	0 g	0 c	2 ef	0 e	0 e
16	Dual Magnum Pretransplant	24 OZ/A	0 c	7 def	5 f	0 g	0 c	6 def	11 e	0 e
17	Dual Magnum 2 d after transplant	24 OZ/A	0 c	2 ef	3 f	0 g	0 c	2 ef	7 e	0 e
18	Dual Magnum 10 d after transplant	24 OZ/A	0 c	2 ef	0 f	2 g	0 c	3 def	4 e	5 e
19	Prowl H20 Pretransplant	1 PT/A	0 c	5 ef	2 f	0 g	0 c	5 def	4 e	0 e
20	Prowl H20 2 d after transplant	1 PT/A	0 c	0 f	0 f	0 g	0 c	5 def	3 e	0 e
21	Prowl H20 10 d after transplant	1 PT/A	0 c	0 f	0 f	0 g	0 c	0 f	5 e	0 e
22	Prowl H20 Pretransplant	2 PT/A	0 c	0 f	2 f	2 g	0 c	0 f	2 e	2 e
23	Prowl H20 2 d after transplant	2 PT/A	0 c	5 ef	6 f	25 cde	0 c	3 def	0 e	2 e

## University of Georgia

Weed Code	Collard injury %	Collard injury %	Collard injury %	Collard injury %	Kale injury %	Kale injury %	Kale injury %	Kale injury %			
Crop Code											
Rating Data Type											
Rating Unit											
Rating Date	Oct-21-07	Oct-25-07	Nov-10-07	Dec-01-07	Oct-21-07	Oct-25-07	Nov-10-07	Dec-01-07			
Assessed By	SC	SC	SC	SC	SC	SC	SC	SC			
Trt-Eval Interval	7 DA-B	4 DA-C	20 DA-C	41 DA-C	7 DA-B	4 DA-C	20 DA-C	41 DA-C			
ARM Action Codes											
Trt No.	Treatment Name	Rate	Unit	11	12	13	14	16	17	18	19
24	Prowl H20 10 d after transplant	2	PT/A	0 c	2 ef	3 f	27 cde	0 c	2 ef	3 e	3 e
25	Prowl H20 Pretransplant	4	PT/A	0 c	0 f	10 f	13 efg	0 c	0 f	9 e	8 de
26	Prowl H20 2 d after transplant	4	PT/A	0 c	0 f	14 ef	33 cd	0 c	0 f	11 e	11 cde
27	Prowl H20 10 d after transplant	4	PT/A	0 c	3 ef	14 ef	37 c	0 c	5 def	11 e	10 cde
28	Non-treated control			0 c	0 f	0 f	0 g	0 c	0 f	1 e	0 e
LSD (P=.05)				1.9	7.1	12.6	13.3	1.2	9.0	10.3	10.8
Standard Deviation				1.2	4.4	7.7	8.1	0.8	5.5	6.3	6.6
CV				159.24	46.32	41.44	38.9	47.56	45.95	31.08	41.57
Bartlett's X2				1.234	16.691	28.925	17.796	0.0	28.232	28.249	23.036
P(Bartlett's X2)				0.267	0.673	0.116	0.469	0.001*	0.104	0.207	0.113

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

# University of Georgia

Weed Code		plant 1	plant 2	plant 3	plant 4	plant 5	plant 6	plant 7		
Crop Code		Broccoli	Broccoli	Broccoli	Broccoli	Broccoli	Broccoli	Broccoli		
Rating Data Type		ht	ht	ht	ht	ht	ht	ht		
Rating Unit		cm	cm	cm	cm	cm	cm	cm		
Rating Date		Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07		
Assessed By										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	21	22	23	24	25	26	27
1	V-10206 Pretransplant	0.1	LB A/A	12 a-e	11 bcd	9 b-e	13 a-d	11 a-e	13 a-g	12 b-f
2	V-10206 2 d after transplant	0.1	LB A/A	11 a-e	11 bcd	12 abc	12 a-d	12 a-d	9 e-h	13 b-e
3	V-10206 10 d after transplant	0.1	LB A/A	12 a-e	14 a-d	15 a	12 a-d	15 ab	16 a	13 b-f
4	V-10206 Pretransplant	0.2	LB A/A	8 de	10 bcd	11 a-d	10 bcd	8 de	8 gh	11 b-f
5	V-10206 2 d after transplant	0.2	LB A/A	7 e	8 d	11 a-e	10 bcd	11 a-e	10 d-h	8 efg
6	V-10206 10 d after transplant	0.2	LB A/A	10 b-e	13 a-d	13 ab	14 abc	13 a-d	14 a-f	14 b-e
7	Valor Pretransplant	1	OZ/A	11 b-e	12 a-d	11 a-d	10 bcd	11 a-e	9 fgh	10 c-g
8	Valor 2 d after transplant	1	OZ/A	8 de	10 bcd	6 e	9 cd	10 cde	12 a-g	7 fg
9	Valor 10 d after transplant	1	OZ/A	13 a-e	13 a-d	12 abc	14 abc	15 ab	13 a-f	13 b-e
10	Valor Pretransplant	2	OZ/A	10 cde	8 d	6 de	3 e	6 e	6 h	5 g
11	Valor 2 d after transplant	2	OZ/A	6 e	9 cd	7 cde	7 de	10 b-e	9 fgh	7 fg
12	Valor 10 d after transplant	2	OZ/A	18 a	13 a-d	12 abc	15 ab	16 a	15 a-d	16 ab
13	Dual Magnum Pretransplant	12	OZ/A	14 a-d	12 a-d	13 ab	14 abc	13 a-d	14 a-e	12 b-f
14	Dual Magnum 2 d after transplant	12	OZ/A	14 abc	15 abc	12 abc	17 a	14 abc	15 abc	15 bc
15	Dual Magnum 10 d after transplant	12	OZ/A	15 abc	17 a	15 a	15 abc	16 a	16 ab	16 abc
16	Dual Magnum Pretransplant	24	OZ/A	11 b-e	13 a-d	11 a-e	13 a-d	12 a-d	10 c-h	12 b-f
17	Dual Magnum 2 d after transplant	24	OZ/A	10 cde	11 bcd	12 abc	10 bcd	11 a-e	13 a-g	9 d-g
18	Dual Magnum 10 d after transplant	24	OZ/A	12 a-e	13 a-d	15 a	12 a-d	14 abc	14 a-f	15 bc
19	Prowl H20 Pretransplant	1	PT/A	16 ab	14 a-d	15 a	15 abc	14 abc	11 a-g	15 bcd
20	Prowl H20 2 d after transplant	1	PT/A	15 abc	16 ab	14 ab	14 abc	15 abc	15 a-d	14 bcd
21	Prowl H20 10 d after transplant	1	PT/A	12 a-e	14 abc	13 ab	14 abc	15 abc	15 a-d	16 abc
22	Prowl H20 Pretransplant	2	PT/A	16 abc	15 abc	15 a	14 abc	15 abc	16 ab	12 b-f
23	Prowl H20 2 d after transplant	2	PT/A	14 abc	15 abc	14 ab	15 abc	16 a	16 ab	21 a



## University of Georgia

Weed Code	plant 1 Broccoli	plant 2 Broccoli	plant 3 Broccoli	plant 4 Broccoli	plant 5 Broccoli	plant 6 Broccoli	plant 7 Broccoli			
Crop Code	ht	ht	ht	ht	ht	ht	ht			
Rating Data Type	cm	cm	cm	cm	cm	cm	cm			
Rating Unit	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07			
Rating Date										
Assessed By										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	21	22	23	24	25	26	27
24	Prowl H20 10 d after transplant	2	PT/A	14 a-d	15 ab	13 ab	13 a-d	14 abc	11 b-g	14 b-e
25	Prowl H20 Pretransplant	4	PT/A	14 abc	15 abc	15 a	14 abc	14 abc	12 a-g	10 b-g
26	Prowl H20 2 d after transplant	4	PT/A	12 a-e	11 bcd	13 ab	14 abc	15 abc	12 a-g	12 b-f
27	Prowl H20 10 d after transplant	4	PT/A	15 abc	15 ab	16 a	13 abc	15 abc	14 a-f	17 ab
28	Non-treated control			15 abc	15 abc	14 ab	13 a-d	15 abc	14 a-f	15 bc
LSD (P=.05)		5.2		5.0	4.9	5.2	4.5	4.1	5.2	
Standard Deviation		3.2		3.0	3.0	3.2	2.7	2.5	3.2	
CV		26.01		23.86	24.26	25.53	21.01	20.16	25.05	
Bartlett's X2		43.948		33.67	33.872	29.591	21.092	26.943	33.538	
P(Bartlett's X2)		0.021*		0.176	0.138	0.333	0.737	0.467	0.147	

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

# University of Georgia

Weed Code		plant 8	plant 9	plant 10	AVG10PLA	plant 1	plant 2	plant 3		
Crop Code		Broccoli	Broccoli	Broccoli	Broccoli	Broccoli	Broccoli	Broccoli		
Rating Data Type		ht	ht	ht	ht	ht	ht	ht		
Rating Unit		cm	cm	cm	cm	cm	cm	cm		
Rating Date		Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-20-08	Nov-20-08	Nov-20-08		
Assessed By										
Trt-Eval Interval										
ARM Action Codes					T1					
Trt No.	Treatment Name	Rate	Unit	28	29	30	31	33	34	35
1	V-10206 Pretransplant	0.1	LB A/A	14 abc	11 a-f	11 a-d	12 b-e	18 c-g	15 cde	13 d-i
2	V-10206 2 d after transplant	0.1	LB A/A	13 abc	13 a-e	12 a-d	12 b-e	16 d-g	20 a-d	19 a-e
3	V-10206 10 d after transplant	0.1	LB A/A	17 a	13 a-e	14 a-d	14 abc	19 c-f	20 a-d	21 a-d
4	V-10206 Pretransplant	0.2	LB A/A	10 b-e	8 d-g	10 a-e	9 ef	10 fgh	15 de	11 e-i
5	V-10206 2 d after transplant	0.2	LB A/A	8 cde	7 efg	8 cde	9 efg	9 gh	11 e	8 ghi
6	V-10206 10 d after transplant	0.2	LB A/A	14 abc	13 a-e	11 a-d	13 a-d	20 b-e	26 a	24 abc
7	Valor Pretransplant	1	OZ/A	10 b-e	11 a-g	12 a-d	11 de	19 c-f	15 cde	14 c-h
8	Valor 2 d after transplant	1	OZ/A	11 a-d	9 b-g	9 cde	9 efg	9 gh	17 b-e	10 f-i
9	Valor 10 d after transplant	1	OZ/A	13 abc	14 a-d	14 a-d	13 a-d	25 a-d	22 a-d	19 a-f
10	Valor Pretransplant	2	OZ/A	6 de	5 fg	8 de	6 g	14 efg	10 e	5 i
11	Valor 2 d after transplant	2	OZ/A	4 e	5 g	4 e	7 fg	5 h	10 e	7 hi
12	Valor 10 d after transplant	2	OZ/A	12 a-d	13 a-e	15 abc	15 ab	26 abc	23 abc	24 ab
13	Dual Magnum Pretransplant	12	OZ/A	13 abc	14 a-e	15 a-d	13 a-d	25 a-d	20 a-d	22 a-d
14	Dual Magnum 2 d after transplant	12	OZ/A	13 abc	16 a	15 a-d	15 ab	29 ab	26 a	22 a-d
15	Dual Magnum 10 d after transplant	12	OZ/A	13 abc	13 a-e	14 a-d	15 ab	20 b-e	26 a	27 a
16	Dual Magnum Pretransplant	24	OZ/A	12 a-d	13 a-e	14 a-d	12 b-e	21 b-e	22 a-d	17 a-g
17	Dual Magnum 2 d after transplant	24	OZ/A	11 a-d	11 a-f	12 a-d	11 cde	19 c-f	16 b-e	21 a-d
18	Dual Magnum 10 d after transplant	24	OZ/A	16 ab	15 abc	16 ab	14 abc	30 a	23 abc	26 ab
19	Prowl H20 Pretransplant	1	PT/A	17 a	15 abc	15 a-d	15 ab	23 a-e	21 a-d	20 a-d
20	Prowl H20 2 d after transplant	1	PT/A	14 abc	12 a-e	12 a-d	14 abc	26 abc	26 a	26 ab
21	Prowl H20 10 d after transplant	1	PT/A	15 abc	16 ab	17 a	15 ab	23 a-e	26 a	21 a-d
22	Prowl H20 Pretransplant	2	PT/A	13 abc	15 abc	17 a	15 ab	26 abc	24 ab	23 abc
23	Prowl H20 2 d after transplant	2	PT/A	15 abc	15 abc	15 abc	16 a	22 a-e	23 a-d	26 ab

## University of Georgia

Weed Code	plant 8 Broccoli	plant 9 Broccoli	plant 10 Broccoli	AVG10PLA Broccoli	plant 1 Broccoli	plant 2 Broccoli	plant 3 Broccoli			
Crop Code										
Rating Data Type	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-20-08	Nov-20-08	Nov-20-08			
Assessed By										
Trt-Eval Interval										
ARM Action Codes				T1						
Trt No.	Treatment Name	Rate	Unit	28	29	30	31	33	34	35
24	Prowl H20 10 d after transplant	2	PT/A	14 abc	14 a-d	14 a-d	14 a-d	26 abc	24 ab	16 b-g
25	Prowl H20 Pretransplant	4	PT/A	14 abc	14 a-e	9 b-e	13 a-d	22 a-e	23 abc	23 abc
26	Prowl H20 2 d after transplant	4	PT/A	14 abc	14 a-d	13 a-d	13 a-d	17 c-g	15 cde	18 a-f
27	Prowl H20 10 d after transplant	4	PT/A	14 abc	8 c-g	13 a-d	14 abc	15 efg	21 a-d	20 a-d
28	Non-treated control			15 abc	15 abc	14 a-d	14 ab	27 abc	24 ab	25 ab
LSD (P=.05)				5.5	5.6	5.9	2.8	8.0	6.9	7.9
Standard Deviation				3.4	3.4	3.6	1.7	4.9	4.2	4.8
CV				26.67	28.2	28.64	13.76	24.38	20.92	25.73
Bartlett's X2				46.761	27.85	48.862	57.679	41.896	26.948	23.591
P(Bartlett's X2)				0.011*	0.419	0.006*	0.001*	0.034*	0.412	0.653

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

Column 27: T1 = @AVG([C21].[C30])

# University of Georgia

Weed Code		plant 4 Broccoli	plant 5 Broccoli	plant 6 Broccoli	plant 7 Broccoli	plant 8 Broccoli	plant 9 Broccoli	plant 10 Broccoli		
Crop Code		ht	ht	ht	ht	ht	ht	ht		
Rating Data Type		cm	cm	cm	cm	cm	cm	cm		
Rating Unit		Nov-20-08	Nov-20-08	Nov-20-08	Nov-20-08	Nov-20-08	Nov-20-08	Nov-20-08		
Rating Date										
Assessed By										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	36	37	38	39	40	41	42
1	V-10206 Pretransplant	0.1	LB A/A	15 d-g	15 b-f	15 bcd	17 b-h	17 cd	18 b-f	19 a-f
2	V-10206 2 d after transplant	0.1	LB A/A	15 d-g	22 a-d	19 abc	13 f-i	17 cd	17 b-f	19 b-g
3	V-10206 10 d after transplant	0.1	LB A/A	17 b-f	25 a	24 a	25 a-d	24 abc	20 a-f	24 a-f
4	V-10206 Pretransplant	0.2	LB A/A	10 gh	10 fg	9 de	14 d-i	13 de	11 fg	16 d-g
5	V-10206 2 d after transplant	0.2	LB A/A	12 efg	10 fg	11 cde	15 c-i	13 de	10 fg	10 gh
6	V-10206 10 d after transplant	0.2	LB A/A	23 abc	20 a-e	22 ab	24 a-f	24 abc	19 a-f	15 fg
7	Valor Pretransplant	1	OZ/A	19 a-e	15 b-f	6 e	18 a-g	21 a-d	17 b-f	22 a-f
8	Valor 2 d after transplant	1	OZ/A	12 efg	14 d-g	15 bcd	7 hi	8 ef	14 d-g	5 h
9	Valor 10 d after transplant	1	OZ/A	23 a-d	25 a	25 a	20 a-f	25 abc	25 abc	22 a-f
10	Valor Pretransplant	2	OZ/A	11 fgh	5 g	7 e	7 ghi	3 f	12 efg	14 fg
11	Valor 2 d after transplant	2	OZ/A	4 h	12 efg	5 e	5 i	4 f	7 g	3 h
12	Valor 10 d after transplant	2	OZ/A	25 a	26 a	23 ab	23 a-f	24 abc	22 a-d	29 a
13	Dual Magnum Pretransplant	12	OZ/A	25 a	24 ab	22 ab	24 a-f	22 abc	22 a-e	27 abc
14	Dual Magnum 2 d after transplant	12	OZ/A	25 ab	25 a	26 a	25 a-e	25 ab	25 abc	26 abc
15	Dual Magnum 10 d after transplant	12	OZ/A	26 a	25 a	27 a	26 abc	27 a	28 a	24 a-e
16	Dual Magnum Pretransplant	24	OZ/A	15 c-g	22 a-d	22 ab	18 a-g	24 abc	19 a-f	22 a-f
17	Dual Magnum 2 d after transplant	24	OZ/A	19 a-e	14 c-f	22 ab	20 a-f	17 bcd	16 c-g	21 a-f
18	Dual Magnum 10 d after transplant	24	OZ/A	23 abc	26 a	23 ab	28 a	28 a	25 abc	28 abc
19	Prowl H20 Pretransplant	1	PT/A	24 ab	26 a	20 ab	24 a-f	24 abc	27 ab	23 a-f
20	Prowl H20 2 d after transplant	1	PT/A	26 a	26 a	26 a	23 a-f	25 abc	21 a-e	27 abc
21	Prowl H20 10 d after transplant	1	PT/A	26 a	22 a-d	27 a	26 abc	23 abc	26 abc	27 abc
22	Prowl H20 Pretransplant	2	PT/A	26 a	27 a	27 a	22 a-f	24 abc	21 a-e	28 ab
23	Prowl H20 2 d after transplant	2	PT/A	25 ab	25 a	25 a	25 a-e	24 abc	24 a-d	28 abc

## University of Georgia

Weed Code	plant 4	plant 5	plant 6	plant 7	plant 8	plant 9	plant 10			
Crop Code	Broccoli	Broccoli	Broccoli	Broccoli	Broccoli	Broccoli	Broccoli			
Rating Data Type	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Nov-20-08	Nov-20-08	Nov-20-08	Nov-20-08	Nov-20-08	Nov-20-08	Nov-20-08			
Assessed By										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	36	37	38	39	40	41	42
24	Prowl H20 10 d after transplant	2	PT/A	24 ab	25 a	24 ab	20 a-f	24 abc	26 abc	25 a-d
25	Prowl H20 Pretransplant	4	PT/A	21 a-d	23 abc	18 abc	15 c-i	23 abc	23 a-d	15 efg
26	Prowl H20 2 d after transplant	4	PT/A	20 a-d	18 a-f	18 abc	15 c-i	22 abc	19 a-f	18 c-g
27	Prowl H20 10 d after transplant	4	PT/A	23 a-d	23 a-d	21 ab	13 e-i	20 a-d	12 efg	20 a-f
28	Non-treated control			25 a	24 ab	27 a	27 ab	27 a	22 a-e	23 a-f
LSD (P=.05)				6.5	7.9	7.1	9.4	7.1	8.4	8.0
Standard Deviation				4.0	4.9	4.3	5.7	4.3	5.2	4.9
CV				19.99	23.69	21.97	29.94	21.18	26.4	23.61
Bartlett's X2				34.076	25.475	33.768	31.923	27.595	43.797	33.552
P(Bartlett's X2)				0.164	0.548	0.173	0.235	0.432	0.022*	0.179

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

# University of Georgia

Weed Code	AVG10PLA	plant 1	plant 2	plant 3	plant 4	plant 5	plant 6			
Crop Code	Broccoli	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage			
Rating Data Type	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Nov-20-08	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes	T2									
Trt No.	Treatment Name	Rate	Unit	43	45	46	47	48	49	50
1	V-10206 Pretransplant	0.1	LB A/A	16 g	11 a-e	12 a-e	9 b-e	7 def	10 b-f	10 a-e
2	V-10206 2 d after transplant	0.1	LB A/A	18 fg	7 c-g	9 c-f	8 c-f	9 b-e	9 c-g	10 a-d
3	V-10206 10 d after transplant	0.1	LB A/A	22 a-f	11 a-d	13 a-d	12 a-e	11 a-d	12 a-f	14 ab
4	V-10206 Pretransplant	0.2	LB A/A	12 h	6 efg	7 e-h	8 c-f	9 cde	7 e-h	9 b-e
5	V-10206 2 d after transplant	0.2	LB A/A	11 h	6 d-g	5 fgh	7 def	4 efg	8 d-h	6 def
6	V-10206 10 d after transplant	0.2	LB A/A	22 a-f	13 abc	11 a-e	14 ab	13 abc	11 a-f	11 a-d
7	Valor Pretransplant	1	OZ/A	17 g	5 fg	8 d-g	7 def	6 d-g	7 fgh	6 c-f
8	Valor 2 d after transplant	1	OZ/A	11 h	2 g	3 h	2 g	1 g	1 i	3 f
9	Valor 10 d after transplant	1	OZ/A	23 a-e	14 ab	14 ab	11 a-e	14 abc	13 a-f	12 ab
10	Valor Pretransplant	2	OZ/A	9 hi	6 efg	4 gh	7 efg	3 fg	3 hi	5 ef
11	Valor 2 d after transplant	2	OZ/A	6 i	3 g	2 h	4 fg	1 g	3 ghi	3 f
12	Valor 10 d after transplant	2	OZ/A	25 abc	9 b-f	10 b-e	11 a-e	11 a-d	11 a-f	13 ab
13	Dual Magnum Pretransplant	12	OZ/A	23 a-d	12 abc	13 a-d	15 a	12 abc	13 a-f	10 a-e
14	Dual Magnum 2 d after transplant	12	OZ/A	25 ab	12 abc	11 a-e	13 a-d	13 abc	12 a-f	15 a
15	Dual Magnum 10 d after transplant	12	OZ/A	26 a	13 abc	13 a-d	14 ab	14 abc	15 ab	14 ab
16	Dual Magnum Pretransplant	24	OZ/A	20 c-g	11 a-e	12 a-d	13 a-d	11 a-d	14 a-d	11 abc
17	Dual Magnum 2 d after transplant	24	OZ/A	18 efg	10 a-e	13 a-d	13 abc	14 ab	14 abc	14 ab
18	Dual Magnum 10 d after transplant	24	OZ/A	26 a	13 abc	10 b-e	11 a-e	11 a-d	11 a-f	14 ab
19	Prowl H20 Pretransplant	1	PT/A	23 a-d	14 ab	13 a-d	14 ab	13 abc	13 a-f	14 ab
20	Prowl H20 2 d after transplant	1	PT/A	25 ab	13 ab	15 ab	15 a	14 abc	13 a-e	15 a
21	Prowl H20 10 d after transplant	1	PT/A	25 abc	13 ab	14 abc	12 a-e	15 ab	14 abc	15 a
22	Prowl H20 Pretransplant	2	PT/A	25 abc	13 ab	14 abc	16 a	15 a	16 a	15 a
23	Prowl H20 2 d after transplant	2	PT/A	25 abc	11 a-d	16 a	16 a	12 abc	15 ab	14 ab

## University of Georgia

Weed Code	AVG10PLA	plant 1	plant 2	plant 3	plant 4	plant 5	plant 6			
Crop Code	Broccoli	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage			
Rating Data Type	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Nov-20-08	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes	T2									
Trt No.	Treatment Name	Rate	Unit	43	45	46	47	48	49	50
24	Prowl H20 10 d after transplant	2	PT/A	23 a-d	13 ab	14 abc	13 a-d	13 abc	11 a-f	13 ab
25	Prowl H20 Pretransplant	4	PT/A	21 b-g	14 ab	13 abc	15 a	14 abc	10 a-f	13 ab
26	Prowl H20 2 d after transplant	4	PT/A	18 fg	13 ab	13 a-d	12 a-d	15 a	14 abc	13 ab
27	Prowl H20 10 d after transplant	4	PT/A	19 d-g	16 a	12 a-e	12 a-e	13 abc	12 a-f	11 a-d
28	Non-treated control			25 ab	14 ab	13 abc	15 a	14 abc	14 a-d	14 ab
LSD (P=.05)				4.0	4.5	4.4	4.6	4.5	5.1	4.5
Standard Deviation				2.5	2.8	2.7	2.8	2.8	3.1	2.8
CV				12.44	26.13	24.48	24.58	25.64	28.5	24.58
Bartlett's X2				30.45	25.896	25.163	29.696	26.912	29.467	36.237
P(Bartlett's X2)				0.294	0.524	0.51	0.28	0.469	0.339	0.11

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

Column 38: T2 = @AVG([C33].[C42])

# University of Georgia

Weed Code	plant 7	plant 8	plant 9	plant 10	AVG10PLA	PLANT 1	PLANT 2			
Crop Code	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage			
Rating Data Type	ht	ht	ht	ht	ht	HT	HT			
Rating Unit	cm	cm	cm	cm	cm	CM	CM			
Rating Date	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-20-07	Nov-20-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes					T3					
Trt No.	Treatment Name	Rate	Unit	51	52	53	54	55	57	58
1	V-10206 Pretransplant	0.1	LB A/A	10 b-e	8 d-h	9 bc	9 fgh	9 bcd	12 bcd	15 a-e
2	V-10206 2 d after transplant	0.1	LB A/A	8 c-f	9 c-h	10 bc	9 d-h	9 cd	12 bcd	13 b-f
3	V-10206 10 d after transplant	0.1	LB A/A	12 a-d	13 a-f	14 abc	12 a-g	12 a	15 abc	19 a-d
4	V-10206 Pretransplant	0.2	LB A/A	8 def	7 e-h	6 bc	9 e-h	7 d	12 bcd	12 def
5	V-10206 2 d after transplant	0.2	LB A/A	7 ef	8 d-h	24 a	6 h	8 d	7 cde	6 fg
6	V-10206 10 d after transplant	0.2	LB A/A	15 ab	16 ab	13 abc	11 a-g	13 a	15 abc	16 a-e
7	Valor Pretransplant	1	OZ/A	7 ef	5 gh	7 bc	9 fgh	7 de	7 de	10 ef
8	Valor 2 d after transplant	1	OZ/A	4 fg	5 gh	6 bc	2 i	3 f	0 e	3 g
9	Valor 10 d after transplant	1	OZ/A	11 a-e	13 a-f	12 abc	8 gh	12 ab	16 ab	19 a-d
10	Valor Pretransplant	2	OZ/A	4 fg	6 fgh	6 bc	2 i	5 ef	4 e	6 fg
11	Valor 2 d after transplant	2	OZ/A	2 g	3 h	2 c	2 i	3 f	0 e	0 g
12	Valor 10 d after transplant	2	OZ/A	13 ab	14 a-d	10 bc	10 c-h	11 abc	22 a	20 abc
13	Dual Magnum Pretransplant	12	OZ/A	14 ab	15 abc	13 abc	12 a-g	13 a	15 abc	19 a-d
14	Dual Magnum 2 d after transplant	12	OZ/A	13 ab	15 abc	14 abc	12 a-g	13 a	19 ab	22 a
15	Dual Magnum 10 d after transplant	12	OZ/A	14 ab	13 a-f	13 abc	14 a-d	14 a	17 ab	19 a-d
16	Dual Magnum Pretransplant	24	OZ/A	13 ab	12 a-f	12 abc	11 b-h	12 ab	16 ab	12 c-f
17	Dual Magnum 2 d after transplant	24	OZ/A	14 ab	12 a-f	13 abc	14 abc	13 a	17 ab	17 a-e
18	Dual Magnum 10 d after transplant	24	OZ/A	12 a-d	12 a-f	12 abc	13 a-f	12 ab	19 ab	21 ab
19	Prowl H20 Pretransplant	1	PT/A	11 a-e	13 a-f	12 abc	11 b-g	13 a	19 ab	15 a-e
20	Prowl H20 2 d after transplant	1	PT/A	14 ab	14 a-e	13 abc	13 a-f	14 a	19 ab	17 a-e
21	Prowl H20 10 d after transplant	1	PT/A	16 a	12 a-f	17 ab	15 ab	14 a	12 bcd	23 a
22	Prowl H20 Pretransplant	2	PT/A	14 ab	14 a-d	14 abc	15 abc	15 a	20 ab	18 a-e
23	Prowl H20 2 d after transplant	2	PT/A	16 a	13 a-e	15 ab	11 b-h	14 a	19 ab	20 abc



## University of Georgia

Weed Code	plant 7	plant 8	plant 9	plant 10	AVG10PLA	PLANT 1	PLANT 2			
Crop Code	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage			
Rating Data Type	ht	ht	ht	ht	ht	HT	HT			
Rating Unit	cm	cm	cm	cm	cm	CM	CM			
Rating Date	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-20-07	Nov-20-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes					T3					
Trt No.	Treatment Name	Rate	Unit	51	52	53	54	55	57	58
24	Prowl H20 10 d after transplant	2	PT/A	11 a-e	10 b-g	12 abc	12 a-g	12 ab	19 ab	18 a-d
25	Prowl H20 Pretransplant	4	PT/A	14 ab	13 a-f	13 abc	14 a-e	13 a	19 ab	12 def
26	Prowl H20 2 d after transplant	4	PT/A	15 ab	17 a	12 abc	12 a-g	14 a	17 ab	15 a-e
27	Prowl H20 10 d after transplant	4	PT/A	13 abc	15 abc	12 abc	13 a-f	13 a	13 bcd	15 a-e
28	Non-treated control			15 ab	15 abc	13 abc	16 a	14 a	18 ab	19 a-d
LSD (P=.05)				4.0	5.5	9.9	4.0	2.7	7.0	6.7
Standard Deviation				2.5	3.4	6.0	2.4	1.7	3.4	3.3
CV				21.78	29.63	51.55	22.99	14.94	24.32	22.18
Bartlett's X2				19.959	38.558	75.494	27.744	18.169	10.882	14.248
P(Bartlett's X2)				0.794	0.054	0.001*	0.371	0.898	0.976	0.92

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

Column 49: T3 = @AVG([C45].[C54])

# University of Georgia

Weed Code		PLANT 3	PLANT 4	PLANT 5	PLANT 6	PLANT 7	PLANT 8	PLANT 9		
Crop Code		Cabbage	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage		
Rating Data Type		HT	HT	HT	HT	HT	HT	HT		
Rating Unit		CM	CM	CM	CM	CM	CM	CM		
Rating Date		Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07		
Assessed By										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	59	60	61	62	63	64	65
1	V-10206 Pretransplant	0.1	LB A/A	13 c-f	14 a-f	10 cde	14 a-f	11 b-g	11 f-i	15 b-f
2	V-10206 2 d after transplant	0.1	LB A/A	16 abc	12 c-f	17 ab	14 a-f	11 b-g	11 f-i	14 b-g
3	V-10206 10 d after transplant	0.1	LB A/A	16 bc	17 a-f	16 abc	16 a-d	16 a-e	15 b-g	16 a-d
4	V-10206 Pretransplant	0.2	LB A/A	8 ef	10 fg	6 ef	14 a-g	6 efg	8 h-k	6 hi
5	V-10206 2 d after transplant	0.2	LB A/A	9 def	4 gh	10 cde	4 gh	11 b-g	10 ghi	8 fgh
6	V-10206 10 d after transplant	0.2	LB A/A	15 cd	16 a-f	16 abc	13 a-g	18 abc	18 a-f	15 a-e
7	Valor Pretransplant	1	OZ/A	9 def	13 b-f	9 de	8 c-h	9 c-g	9 g-j	13 c-g
8	Valor 2 d after transplant	1	OZ/A	9 def	0 h	5 ef	7 d-h	3 g	2 k	7 gh
9	Valor 10 d after transplant	1	OZ/A	19 abc	19 abc	21 a	20 ab	15 a-e	15 c-g	14 b-g
10	Valor Pretransplant	2	OZ/A	7 f	10 efg	3 f	5 fgh	7 d-g	5 ijk	9 e-h
11	Valor 2 d after transplant	2	OZ/A	0 g	0 h	0 f	0 h	4 fg	3 jk	0 i
12	Valor 10 d after transplant	2	OZ/A	22 ab	17 a-f	21 a	18 abc	22 a	22 ab	19 abc
13	Dual Magnum Pretransplant	12	OZ/A	23 a	18 a-d	21 a	16 a-e	17 a-d	20 a-d	20 ab
14	Dual Magnum 2 d after transplant	12	OZ/A	19 abc	19 a-d	19 ab	20 ab	21 ab	21 a-d	20 ab
15	Dual Magnum 10 d after transplant	12	OZ/A	19 abc	19 abc	17 ab	18 abc	17 a-d	18 a-f	20 ab
16	Dual Magnum Pretransplant	24	OZ/A	16 bc	11 def	17 ab	12 b-g	16 a-d	17 a-f	15 a-e
17	Dual Magnum 2 d after transplant	24	OZ/A	17 abc	18 a-e	15 bc	13 a-g	18 abc	17 a-f	16 a-d
18	Dual Magnum 10 d after transplant	24	OZ/A	18 abc	15 a-f	19 ab	19 ab	21 ab	21 a-d	16 a-d
19	Prowl H20 Pretransplant	1	PT/A	19 abc	15 a-f	18 ab	22 a	21 ab	20 a-d	19 abc
20	Prowl H20 2 d after transplant	1	PT/A	18 abc	20 ab	21 a	20 ab	21 ab	22 ab	17 a-d
21	Prowl H20 10 d after transplant	1	PT/A	18 abc	21 a	19 ab	19 ab	21 ab	21 abc	20 ab
22	Prowl H20 Pretransplant	2	PT/A	19 abc	20 ab	22 a	21 ab	19 abc	18 a-e	22 a
23	Prowl H20 2 d after transplant	2	PT/A	18 abc	19 a-d	19 ab	18 abc	23 a	22 a	21 ab

## University of Georgia

Weed Code	PLANT 3	PLANT 4	PLANT 5	PLANT 6	PLANT 7	PLANT 8	PLANT 9			
Crop Code	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage			
Rating Data Type	HT	HT	HT	HT	HT	HT	HT			
Rating Unit	CM	CM	CM	CM	CM	CM	CM			
Rating Date	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	59	60	61	62	63	64	65
24	Prowl H20 10 d after transplant	2	PT/A	13 cde	17 a-f	14 bcd	17 abc	19 abc	14 d-h	19 abc
25	Prowl H20 Pretransplant	4	PT/A	18 abc	16 a-f	16 abc	6 e-h	16 a-d	19 a-d	14 b-g
26	Prowl H20 2 d after transplant	4	PT/A	17 abc	15 a-f	14 bcd	16 a-d	14 a-f	12 e-h	11 d-h
27	Prowl H20 10 d after transplant	4	PT/A	15 cd	15 a-f	14 bcd	18 abc	15 a-e	17 a-f	17 a-d
28	Non-treated control			16 bc	17 a-f	22 a	23 a	20 ab	17 a-f	20 ab
LSD (P=.05)				5.5	6.6	5.2	8.5	8.8	5.8	6.0
Standard Deviation				2.7	3.2	2.5	4.1	4.3	2.8	2.9
CV				18.09	22.53	17.06	28.5	28.1	19.02	19.6
Bartlett's X2				13.633	12.395	12.12	13.274	21.822	15.749	20.528
P(Bartlett's X2)				0.955	0.868	0.986	0.973	0.746	0.942	0.55

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

# University of Georgia

Weed Code	PLANT 10	AVG10PLA	PLANT 1	PLANT 2	PLANT 3	PLANT 4	PLANT 5			
Crop Code	Cabbage	Cabbage	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD			
Rating Data Type	HT	HT	HT	HT	HT	HT	HT			
Rating Unit	CM	CM	CM	CM	CM	CM	CM			
Rating Date	Nov-20-07	Nov-20-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes		T14								
Trt No.	Treatment Name	Rate	Unit	66	67	69	70	71	72	73
1	V-10206 Pretransplant	0.1	LB A/A	14 c-f	13 h	10 cde	11 c-f	11 b	10 f-i	13 cde
2	V-10206 2 d after transplant	0.1	LB A/A	15 a-e	13 gh	9 de	11 b-e	12 b	14 c-g	15 a-e
3	V-10206 10 d after transplant	0.1	LB A/A	15 a-e	16 c-h	21 a	18 a	17 b	17 a-e	19 abc
4	V-10206 Pretransplant	0.2	LB A/A	9 efg	9 ij	7 ef	8 efg	10 b	8 hi	10 ef
5	V-10206 2 d after transplant	0.2	LB A/A	7 fgh	7 ijk	7 ef	10 def	36 a	9 ghi	10 def
6	V-10206 10 d after transplant	0.2	LB A/A	17 a-d	16 c-h	17 ab	16 a-d	18 ab	16 a-e	18 abc
7	Valor Pretransplant	1	OZ/A	11 d-g	10 i	10 cde	15 a-d	12 b	12 e-h	13 cde
8	Valor 2 d after transplant	1	OZ/A	8 efg	4 k	6 ef	15 a-d	13 b	13 d-h	15 b-e
9	Valor 10 d after transplant	1	OZ/A	14 c-f	17 a-g	17 ab	15 a-d	17 b	19 abc	19 abc
10	Valor Pretransplant	2	OZ/A	6 gh	6 jk	5 ef	5 fg	7 b	8 hi	6 f
11	Valor 2 d after transplant	2	OZ/A	0 h	1 l	3 f	3 g	6 b	6 i	9 ef
12	Valor 10 d after transplant	2	OZ/A	22 a	20 a	15 a-d	17 a-d	14 b	15 b-f	14 b-e
13	Dual Magnum Pretransplant	12	OZ/A	20 abc	19 a-d	18 ab	17 abc	20 ab	21 ab	22 a
14	Dual Magnum 2 d after transplant	12	OZ/A	22 ab	20 ab	18 ab	16 a-d	18 ab	18 a-d	17 abc
15	Dual Magnum 10 d after transplant	12	OZ/A	19 abc	18 a-e	16 abc	17 abc	19 ab	17 a-e	20 ab
16	Dual Magnum Pretransplant	24	OZ/A	13 c-g	14 fgh	16 abc	15 a-d	16 b	18 a-e	17 a-d
17	Dual Magnum 2 d after transplant	24	OZ/A	17 a-d	16 b-h	17 ab	16 a-d	19 ab	18 abc	21 ab
18	Dual Magnum 10 d after transplant	24	OZ/A	18 a-d	19 a-e	17 ab	17 abc	18 ab	19 abc	18 abc
19	Prowl H20 Pretransplant	1	PT/A	11 d-g	18 a-f	17 ab	19 a	19 ab	18 a-d	18 abc
20	Prowl H20 2 d after transplant	1	PT/A	17 a-d	19 abc	19 ab	19 a	21 ab	19 abc	19 abc
21	Prowl H20 10 d after transplant	1	PT/A	20 abc	19 abc	18 ab	20 a	19 ab	17 a-e	18 abc
22	Prowl H20 Pretransplant	2	PT/A	20 abc	20 ab	18 ab	18 a	19 ab	19 abc	19 abc
23	Prowl H20 2 d after transplant	2	PT/A	17 a-d	19 abc	16 abc	18 a	18 ab	15 b-f	17 abc

## University of Georgia

Weed Code	PLANT 10	AVG10PLA	PLANT 1	PLANT 2	PLANT 3	PLANT 4	PLANT 5			
Crop Code	Cabbage	Cabbage	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD			
Rating Data Type	HT	HT	HT	HT	HT	HT	HT			
Rating Unit	CM	CM	CM	CM	CM	CM	CM			
Rating Date	Nov-20-07	Nov-20-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes		T14								
Trt No.	Treatment Name	Rate	Unit	66	67	69	70	71	72	73
24	Prowl H20 10 d after transplant	2	PT/A	17 a-d	17 b-g	14 bcd	14 a-d	16 b	18 abc	18 abc
25	Prowl H20 Pretransplant	4	PT/A	18 a-d	15 d-h	18 ab	17 abc	13 b	19 abc	18 abc
26	Prowl H20 2 d after transplant	4	PT/A	15 a-e	14 fgh	16 abc	17 abc	15 b	15 b-f	15 a-e
27	Prowl H20 10 d after transplant	4	PT/A	14 b-f	15 e-h	15 a-d	15 a-d	15 b	15 b-f	14 b-e
28	Non-treated control			19 abc	19 abc	21 a	18 ab	19 ab	21 a	20 ab
LSD (P=.05)				6.7	3.1	5.4	5.3	14.8	4.7	5.9
Standard Deviation				3.3	1.5	3.3	3.2	9.1	2.8	3.6
CV				22.26	10.4	23.26	21.6	55.44	18.34	22.28
Bartlett's X2				12.204	16.11	35.964	22.572	112.951	27.909	31.74
P(Bartlett's X2)				0.978	0.934	0.092	0.708	0.001*	0.416	0.202

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

Column 60: T14 = @AVG([C57].[C66])

# University of Georgia

Weed Code	PLANT 6	PLANT 7	PLANT 8	PLANT 9	PLANT 10	AVG10PLA	PLANT 1			
Crop Code	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD			
Rating Data Type	HT	HT	HT	HT	HT	HT	HT			
Rating Unit	CM	CM	CM	CM	CM	CM	CM			
Rating Date	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-20-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes						T4				
Trt No.	Treatment Name	Rate	Unit	74	75	76	77	78	79	81
1	V-10206 Pretransplant	0.1	LB A/A	12 b-e	12 b-h	11 b-e	12 b-f	13 b-f	11 ghi	20 c-g
2	V-10206 2 d after transplant	0.1	LB A/A	15 a-d	11 c-h	15 abc	10 def	13 c-f	13 e-h	14 gh
3	V-10206 10 d after transplant	0.1	LB A/A	21 a	17 a-d	19 a	21 a	19 abc	19 abc	28 abc
4	V-10206 Pretransplant	0.2	LB A/A	10 cde	9 d-h	8 de	9 fg	8 fg	9 ij	9 hi
5	V-10206 2 d after transplant	0.2	LB A/A	9 de	9 e-h	7 e	9 efg	11 d-g	12 f-i	7 ij
6	V-10206 10 d after transplant	0.2	LB A/A	21 a	18 abc	18 ab	16 a-d	17 a-d	17 a-d	25 a-e
7	Valor Pretransplant	1	OZ/A	6 e	9 fgh	7 e	12 c-f	9 efg	11 hi	20 c-g
8	Valor 2 d after transplant	1	OZ/A	15 abc	15 a-f	15 a-d	16 a-d	14 a-f	14 d-h	17 fg
9	Valor 10 d after transplant	1	OZ/A	18 a	17 abc	21 a	18 ab	21 a	18 abc	22 b-g
10	Valor Pretransplant	2	OZ/A	9 de	7 gh	4 e	7 fg	8 fg	7 j	5 ij
11	Valor 2 d after transplant	2	OZ/A	8 e	6 h	9 cde	4 g	5 g	6 j	0 j
12	Valor 10 d after transplant	2	OZ/A	19 a	9 fgh	6 e	19 a	21 a	15 c-g	28 abc
13	Dual Magnum Pretransplant	12	OZ/A	20 a	14 a-g	16 ab	18 a	14 a-f	18 abc	21 c-g
14	Dual Magnum 2 d after transplant	12	OZ/A	16 ab	18 abc	17 ab	19 a	16 a-e	17 a-d	26 a-d
15	Dual Magnum 10 d after transplant	12	OZ/A	19 a	17 abc	17 ab	20 a	18 abc	18 abc	24 a-f
16	Dual Magnum Pretransplant	24	OZ/A	17 ab	16 a-f	16 abc	15 a-e	16 a-e	16 a-e	25 a-d
17	Dual Magnum 2 d after transplant	24	OZ/A	20 a	18 abc	19 a	18 a	21 a	19 abc	28 abc
18	Dual Magnum 10 d after transplant	24	OZ/A	19 a	18 abc	19 a	19 a	20 ab	18 abc	27 abc
19	Prowl H20 Pretransplant	1	PT/A	16 ab	16 a-f	18 ab	17 abc	21 a	18 abc	26 a-d
20	Prowl H20 2 d after transplant	1	PT/A	21 a	18 abc	18 a	19 a	21 a	19 a	31 a
21	Prowl H20 10 d after transplant	1	PT/A	19 a	20 ab	20 a	17 abc	21 a	19 ab	28 abc
22	Prowl H20 Pretransplant	2	PT/A	18 ab	16 a-f	18 ab	19 a	19 abc	18 abc	28 abc
23	Prowl H20 2 d after transplant	2	PT/A	10 cde	16 a-f	18 ab	16 a-d	16 a-d	16 a-e	19 d-g

## University of Georgia

Weed Code	PLANT 6	PLANT 7	PLANT 8	PLANT 9	PLANT 10	AVG10PLA	PLANT 1		
Crop Code	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD		
Rating Data Type	HT	HT	HT	HT	HT	HT	HT		
Rating Unit	CM	CM	CM	CM	CM	CM	CM		
Rating Date	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-20-07		
Assessed By									
Trt-Eval Interval									
ARM Action Codes						T4			
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate		
		Unit	Unit	Unit	Unit	Unit	Unit		
		74	75	76	77	78	79		
24	Prowl H20 10 d after transplant	2 PT/A	19 a	17 a-d	17 ab	16 a-d	18 abc	17 a-d	22 b-g
25	Prowl H20 Pretransplant	4 PT/A	17 ab	17 a-e	15 abc	17 abc	16 a-e	17 a-d	21 c-g
26	Prowl H20 2 d after transplant	4 PT/A	16 ab	15 a-g	15 abc	18 a	17 a-d	16 a-e	19 d-g
27	Prowl H20 10 d after transplant	4 PT/A	15 a-d	15 a-g	18 ab	15 a-d	15 a-e	15 b-f	17 efg
28	Non-treated control		21 a	20 a	19 a	20 a	18 abc	20 a	29 ab
LSD (P=.05)		5.4	6.6	6.3	5.2	5.7	3.2	6.9	
Standard Deviation		3.3	4.0	3.8	3.2	3.5	2.0	4.2	
CV		20.64	27.43	25.6	20.32	21.89	12.67	20.17	
Bartlett's X2		35.273	38.5	29.007	29.583	26.078	28.576	34.033	
P(Bartlett's X2)		0.132	0.07	0.311	0.333	0.514	0.382	0.107	

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

Column 71: T4 = @AVG([C69].[C78])

# University of Georgia

Weed Code	PLANT 2	PLANT 3	PLANT 4	PLANT 5	PLANT 6	PLANT 7	PLANT 8			
Crop Code	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD			
Rating Data Type	HT	HT	HT	HT	HT	HT	HT			
Rating Unit	CM	CM	CM	CM	CM	CM	CM			
Rating Date	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	82	83	84	85	86	87	88
1	V-10206 Pretransplant	0.1	LB A/A	19 c-g	19 b-e	19 a-e	21 a-e	21 abc	21 abc	19 a-e
2	V-10206 2 d after transplant	0.1	LB A/A	15 fgh	20 a-e	16 c-f	20 b-f	20 abc	12 cde	19 a-e
3	V-10206 10 d after transplant	0.1	LB A/A	25 abc	24 a-e	25 abc	22 a-d	28 a	25 ab	26 abc
4	V-10206 Pretransplant	0.2	LB A/A	10 hi	8 fg	7 f	11 f	9 de	7 e	8 fg
5	V-10206 2 d after transplant	0.2	LB A/A	14 gh	14 efg	10 ef	13 ef	14 b-e	13 cde	10 efg
6	V-10206 10 d after transplant	0.2	LB A/A	27 abc	27 ab	25 abc	26 abc	26 a	25 ab	26 abc
7	Valor Pretransplant	1	OZ/A	16 e-h	20 a-e	15 c-f	19 b-f	20 abc	6 e	5 g
8	Valor 2 d after transplant	1	OZ/A	24 a-e	20 a-e	17 b-f	24 abc	21 abc	20 a-d	23 a-d
9	Valor 10 d after transplant	1	OZ/A	23 a-f	21 a-e	24 a-d	25 abc	24 ab	26 ab	28 a
10	Valor Pretransplant	2	OZ/A	6 i	4 g	9 ef	12 f	7 e	5 e	6 fg
11	Valor 2 d after transplant	2	OZ/A	9 hi	7 fg	9 ef	11 f	7 e	10 de	15 def
12	Valor 10 d after transplant	2	OZ/A	26 abc	15 def	14 def	14 def	18 a-d	19 bcd	17 cde
13	Dual Magnum Pretransplant	12	OZ/A	21 b-g	25 a-e	25 abc	25 abc	26 a	24 ab	20 a-d
14	Dual Magnum 2 d after transplant	12	OZ/A	27 abc	25 a-e	24 a-d	25 abc	24 ab	26 ab	23 a-d
15	Dual Magnum 10 d after transplant	12	OZ/A	25 a-d	25 a-d	24 abc	27 ab	27 a	25 ab	26 abc
16	Dual Magnum Pretransplant	24	OZ/A	24 a-f	26 a-d	16 c-f	22 a-d	25 a	25 ab	23 a-d
17	Dual Magnum 2 d after transplant	24	OZ/A	25 abc	27 ab	27 ab	24 abc	25 a	25 ab	25 abc
18	Dual Magnum 10 d after transplant	24	OZ/A	24 a-e	24 a-e	24 a-d	25 abc	26 a	27 ab	26 abc
19	Prowl H20 Pretransplant	1	PT/A	27 abc	26 abc	25 abc	25 abc	24 a	23 ab	25 abc
20	Prowl H20 2 d after transplant	1	PT/A	31 a	31 a	28 a	30 a	26 a	30 a	27 ab
21	Prowl H20 10 d after transplant	1	PT/A	28 ab	29 ab	29 a	26 abc	24 ab	28 ab	27 ab
22	Prowl H20 Pretransplant	2	PT/A	27 abc	27 ab	28 ab	30 a	25 a	30 a	28 a
23	Prowl H20 2 d after transplant	2	PT/A	23 a-f	24 a-e	24 abc	22 a-d	12 cde	24 ab	27 a



## University of Georgia

Weed Code	PLANT 2	PLANT 3	PLANT 4	PLANT 5	PLANT 6	PLANT 7	PLANT 8			
Crop Code	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD			
Rating Data Type	HT	HT	HT	HT	HT	HT	HT			
Rating Unit	CM	CM	CM	CM	CM	CM	CM			
Rating Date	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	82	83	84	85	86	87	88
24	Prowl H20 10 d after transplant	2	PT/A	21 b-g	15 c-f	25 abc	23 a-d	25 a	24 ab	25 abc
25	Prowl H20 Pretransplant	4	PT/A	24 a-e	26 a-d	21 a-d	26 abc	24 a	26 ab	17 b-e
26	Prowl H20 2 d after transplant	4	PT/A	21 b-g	15 c-f	16 c-f	17 c-f	20 abc	19 bcd	20 a-e
27	Prowl H20 10 d after transplant	4	PT/A	16 d-h	19 b-e	16 c-f	19 b-f	19 abc	19 bcd	19 a-e
28	Non-treated control			28 abc	26 a-d	28 a	22 a-d	26 a	26 ab	26 abc
LSD (P=.05)				7.2	9.2	8.7	7.8	8.4	8.5	8.1
Standard Deviation				4.4	5.6	5.3	4.8	5.2	5.2	4.9
CV				20.24	26.79	26.13	22.13	24.36	24.79	23.62
Bartlett's X2				34.891	53.902	43.38	48.482	49.115	35.765	58.407
P(Bartlett's X2)				0.142	0.002*	0.024*	0.007*	0.006*	0.096	0.001*

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

# University of Georgia

Weed Code	PLANT 9	PLANT 10	AVG10PLA	PLANT 1	PLANT 2	PLANT 3	PLANT 4			
Crop Code	COLLARD	COLLARD	COLLARD	KALE	KALE	KALE	KALE			
Rating Data Type	HT	HT	HT	HT	HT	HT	HT			
Rating Unit	CM	CM	CM	CM	CM	CM	CM			
Rating Date	Nov-20-07	Nov-20-07	Nov-20-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes			T5							
Trt No.	Treatment Name	Rate	Unit	89	90	91	93	94	95	96
1	V-10206 Pretransplant	0.1	LB A/A	20 a-e	19 b-e	20 d-i	7 b-f	7 c-f	7 bcd	6 bc
2	V-10206 2 d after transplant	0.1	LB A/A	19 b-e	22 a-d	18 hi	6 d-g	7 c-f	7 bcd	7 abc
3	V-10206 10 d after transplant	0.1	LB A/A	26 a-d	28 ab	26 abc	10 abc	9 abc	9 ab	9 ab
4	V-10206 Pretransplant	0.2	LB A/A	4 g	6 g	8 kl	2 gh	5 efg	4 d	4 cd
5	V-10206 2 d after transplant	0.2	LB A/A	17 def	12 efg	12 jk	4 fgh	5 d-g	4 d	6 bc
6	V-10206 10 d after transplant	0.2	LB A/A	23 a-d	27 abc	26 abc	7 c-f	9 abc	8 abc	9 ab
7	Valor Pretransplant	1	OZ/A	11 efg	22 a-d	15 ij	6 d-g	4 fgh	8 abc	7 abc
8	Valor 2 d after transplant	1	OZ/A	23 a-d	20 b-e	21 c-h	5 efg	7 c-f	5 cd	8 ab
9	Valor 10 d after transplant	1	OZ/A	26 a-d	27 abc	25 a-e	11 ab	9 abc	10 ab	10 a
10	Valor Pretransplant	2	OZ/A	9 fg	8 fg	7 l	5 efg	1 h	0 e	2 d
11	Valor 2 d after transplant	2	OZ/A	4 g	4 g	8 kl	1 h	2 gh	4 d	2 d
12	Valor 10 d after transplant	2	OZ/A	23 a-d	25 a-d	20 e-i	8 a-e	7 c-f	7 bcd	7 abc
13	Dual Magnum Pretransplant	12	OZ/A	26 a-d	26 abc	24 a-f	9 a-d	10 abc	9 ab	7 abc
14	Dual Magnum 2 d after transplant	12	OZ/A	27 a-d	25 a-d	25 a-e	8 a-e	10 abc	9 abc	8 ab
15	Dual Magnum 10 d after transplant	12	OZ/A	29 ab	27 abc	26 abc	10 abc	9 abc	9 ab	9 ab
16	Dual Magnum Pretransplant	24	OZ/A	22 a-d	24 a-d	23 b-g	8 a-e	7 b-e	9 ab	9 ab
17	Dual Magnum 2 d after transplant	24	OZ/A	24 a-d	25 a-d	25 a-d	9 a-d	8 a-d	8 abc	8 ab
18	Dual Magnum 10 d after transplant	24	OZ/A	24 a-d	27 abc	25 a-d	8 a-e	9 abc	9 ab	10 a
19	Prowl H20 Pretransplant	1	PT/A	27 abc	27 abc	26 abc	10 abc	10 abc	9 ab	7 abc
20	Prowl H20 2 d after transplant	1	PT/A	28 ab	28 ab	29 a	11 ab	10 abc	8 abc	10 a
21	Prowl H20 10 d after transplant	1	PT/A	26 a-d	31 a	28 ab	12 a	11 ab	9 ab	10 a
22	Prowl H20 Pretransplant	2	PT/A	28 ab	27 abc	28 ab	8 a-e	11 ab	9 ab	10 a
23	Prowl H20 2 d after transplant	2	PT/A	23 a-d	22 a-d	22 b-h	9 a-d	11 a	10 ab	8 ab

## University of Georgia

Weed Code	PLANT 9	PLANT 10	AVG10PLA	PLANT 1	PLANT 2	PLANT 3	PLANT 4			
Crop Code	COLLARD	COLLARD	COLLARD	KALE	KALE	KALE	KALE			
Rating Data Type	HT	HT	HT	HT	HT	HT	HT			
Rating Unit	CM	CM	CM	CM	CM	CM	CM			
Rating Date	Nov-20-07	Nov-20-07	Nov-20-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes			T5							
Trt No.	Treatment Name	Rate	Unit	89	90	91	93	94	95	96
24	Prowl H20 10 d after transplant	2	PT/A	17 c-f	12 efg	21 c-h	8 a-e	10 abc	10 ab	8 abc
25	Prowl H20 Pretransplant	4	PT/A	28 ab	26 abc	24 a-f	11 ab	10 abc	9 ab	10 a
26	Prowl H20 2 d after transplant	4	PT/A	22 a-d	16 def	19 f-i	11 ab	9 abc	10 ab	9 ab
27	Prowl H20 10 d after transplant	4	PT/A	19 b-e	18 cde	18 ghi	11 ab	9 abc	10 ab	9 ab
28	Non-treated control			30 a	26 abc	27 ab	9 a-d	11 ab	11 a	10 a
LSD (P=.05)				8.2	7.8	4.7	3.3	3.1	3.0	2.9
Standard Deviation				5.0	4.8	2.9	2.0	1.9	1.9	1.8
CV				23.37	22.01	13.51	25.06	23.85	23.6	23.0
Bartlett's X2				41.062	30.122	46.372	19.927	31.626	21.596	25.634
P(Bartlett's X2)				0.041*	0.309	0.012*	0.701	0.246	0.603	0.539

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

Column 82: T5 = @AVG([C81].[C90])

# University of Georgia

Weed Code	PLANT 5	PLANT 6	PLANT 7	PLANT 8	PLANT 9	PLANT 10	AVG10PLA			
Crop Code	KALE	KALE	KALE	KALE	KALE	KALE	KALE			
Rating Data Type	HT	HT	HT	HT	HT	HT	HT			
Rating Unit	CM	CM	CM	CM	CM	CM	CM			
Rating Date	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes							T6			
Trt No.	Treatment Name	Rate	Unit	97	98	99	100	101	102	103
1	V-10206 Pretransplant	0.1	LB A/A	7 b-e	8 a-d	4 ef	8 a-e	8 a-e	6 e	7 d-g
2	V-10206 2 d after transplant	0.1	LB A/A	6 cde	6 a-e	7 bcd	5 ef	8 a-f	6 de	7 efg
3	V-10206 10 d after transplant	0.1	LB A/A	7 b-e	8 a-d	9 a-d	9 a-e	9 a-d	8 a-e	9 abc
4	V-10206 Pretransplant	0.2	LB A/A	6 def	3 e	5 def	2 f	4 fgh	6 de	4 h
5	V-10206 2 d after transplant	0.2	LB A/A	5 ef	6 b-e	6 cde	5 def	5 d-h	7 b-e	5 gh
6	V-10206 10 d after transplant	0.2	LB A/A	8 a-e	10 ab	10 abc	8 a-e	8 a-f	9 a-e	8 a-d
7	Valor Pretransplant	1	OZ/A	7 b-e	8 a-d	8 a-d	8 a-e	5 c-g	7 de	7 efg
8	Valor 2 d after transplant	1	OZ/A	7 a-e	5 cde	8 a-d	7 b-e	4 e-h	7 cde	6 fg
9	Valor 10 d after transplant	1	OZ/A	7 a-e	8 a-d	8 a-d	9 a-e	9 a-d	9 a-e	9 abc
10	Valor Pretransplant	2	OZ/A	0 g	4 de	0 g	2 f	2 gh	1 f	2 i
11	Valor 2 d after transplant	2	OZ/A	2 fg	3 e	2 fg	2 f	1 h	2 f	2 i
12	Valor 10 d after transplant	2	OZ/A	9 a-e	10 ab	11 ab	6 cde	6 b-f	7 b-e	8 c-f
13	Dual Magnum Pretransplant	12	OZ/A	9 a-e	10 ab	8 a-d	10 abc	9 a-e	7 de	9 abc
14	Dual Magnum 2 d after transplant	12	OZ/A	10 abc	9 abc	10 abc	8 a-e	10 abc	8 a-e	9 abc
15	Dual Magnum 10 d after transplant	12	OZ/A	8 a-e	9 abc	9 a-d	9 a-d	10 abc	9 a-e	9 abc
16	Dual Magnum Pretransplant	24	OZ/A	8 a-e	9 abc	8 a-d	7 b-e	6 b-f	9 a-e	8 b-e
17	Dual Magnum 2 d after transplant	24	OZ/A	10 abc	8 a-d	9 abc	11 ab	8 a-f	9 a-e	9 abc
18	Dual Magnum 10 d after transplant	24	OZ/A	10 abc	9 abc	9 abc	8 a-e	8 a-f	10 a-e	9 abc
19	Prowl H20 Pretransplant	1	PT/A	8 a-e	8 a-d	11 a	9 a-e	8 a-f	8 a-e	9 abc
20	Prowl H20 2 d after transplant	1	PT/A	9 a-e	10 ab	9 abc	9 a-d	11 ab	11 abc	10 ab
21	Prowl H20 10 d after transplant	1	PT/A	10 ab	11 a	11 ab	8 a-e	12 a	9 a-e	10 a
22	Prowl H20 Pretransplant	2	PT/A	9 a-e	9 abc	9 a-d	11 ab	9 a-d	10 a-d	10 abc
23	Prowl H20 2 d after transplant	2	PT/A	9 a-e	9 abc	10 abc	9 a-e	9 a-d	11 ab	10 ab

## University of Georgia

Weed Code	PLANT 5	PLANT 6	PLANT 7	PLANT 8	PLANT 9	PLANT 10	AVG10PLA			
Crop Code	KALE	KALE	KALE	KALE	KALE	KALE	KALE			
Rating Data Type	HT	HT	HT	HT	HT	HT	HT			
Rating Unit	CM	CM	CM	CM	CM	CM	CM			
Rating Date	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07	Nov-05-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes							T6			
Trt No.	Treatment Name	Rate	Unit	97	98	99	100	101	102	103
24	Prowl H20 10 d after transplant	2	PT/A	9 a-e	8 a-d	11 ab	12 a	9 a-d	11 abc	9 abc
25	Prowl H20 Pretransplant	4	PT/A	9 a-e	9 abc	9 abc	10 abc	9 a-d	9 a-e	10 abc
26	Prowl H20 2 d after transplant	4	PT/A	10 a-d	8 a-d	10 abc	10 ab	10 a-d	12 a	10 ab
27	Prowl H20 10 d after transplant	4	PT/A	10 abc	10 ab	9 a-d	9 a-d	9 a-d	9 a-e	9 abc
28	Non-treated control			11 a	11 a	9 a-d	11 ab	10 a-d	8 a-e	10 a
LSD (P=.05)		3.5		3.5	3.8	3.1	3.5	3.8	3.3	1.5
Standard Deviation		2.1		2.1	2.3	1.9	2.1	2.3	2.0	0.9
CV		27.34		27.34	29.1	22.83	26.88	30.41	25.51	11.67
Bartlett's X2		18.243		18.243	23.579	13.133	17.551	29.861	26.468	34.247
P(Bartlett's X2)		0.832		0.832	0.654	0.975	0.861	0.32	0.493	0.159

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

Column 93: T6 = @AVG([C93].[C102])

# University of Georgia

Weed Code		PLANT 1	PLANT 2	PLANT 3	PLANT 4	PLANT 5	PLANT 6	PLANT 7		
Crop Code		KALE	KALE	KALE	KALE	KALE	KALE	KALE		
Rating Data Type		HT	HT	HT	HT	HT	HT	HT		
Rating Unit		CM	CM	CM	CM	CM	CM	CM		
Rating Date		Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07		
Assessed By										
Trt-Eval Interval										
ARM Action Codes										
Trt No.	Treatment Name	Rate	Unit	105	106	107	108	109	110	111
1	V-10206 Pretransplant	0.1	LB A/A	11 b-e	11 cde	14 abc	12 cde	12 b-e	16 abc	12 def
2	V-10206 2 d after transplant	0.1	LB A/A	10 c-f	12 a-e	8 de	12 b-e	11 cde	10 c	12 def
3	V-10206 10 d after transplant	0.1	LB A/A	16 a-d	17 abc	15 ab	16 a-d	12 bcd	17 ab	17 a-e
4	V-10206 Pretransplant	0.2	LB A/A	4 fgh	3 f	2 ef	9 ef	7 def	4 e	9 ef
5	V-10206 2 d after transplant	0.2	LB A/A	7 e-h	7 ef	7 de	11 de	6 def	10 cd	9 ef
6	V-10206 10 d after transplant	0.2	LB A/A	10 c-f	13 a-e	9 cd	15 a-e	13 a-d	17 ab	15 a-e
7	Valor Pretransplant	1	OZ/A	9 d-g	9 def	17 a	17 a-d	16 abc	17 ab	16 a-e
8	Valor 2 d after transplant	1	OZ/A	12 a-e	12 a-e	15 ab	17 a-d	11 cde	16 abc	14 b-e
9	Valor 10 d after transplant	1	OZ/A	17 abc	17 abc	18 a	19 abc	18 ab	17 ab	17 a-e
10	Valor Pretransplant	2	OZ/A	2 gh	7 ef	1 f	0 g	0 f	4 de	6 fg
11	Valor 2 d after transplant	2	OZ/A	1 h	7 ef	10 bcd	4 fg	5 ef	1 e	1 g
12	Valor 10 d after transplant	2	OZ/A	15 a-d	16 abc	17 a	16 a-d	17 abc	18 ab	19 a-d
13	Dual Magnum Pretransplant	12	OZ/A	17 abc	15 a-d	16 a	15 a-e	15 abc	18 ab	16 a-e
14	Dual Magnum 2 d after transplant	12	OZ/A	16 abc	16 abc	17 a	17 a-d	17 abc	16 abc	17 a-e
15	Dual Magnum 10 d after transplant	12	OZ/A	19 a	16 abc	16 a	15 a-e	17 abc	19 ab	16 a-e
16	Dual Magnum Pretransplant	24	OZ/A	14 a-e	12 a-e	15 ab	15 a-e	16 abc	17 ab	15 a-e
17	Dual Magnum 2 d after transplant	24	OZ/A	14 a-e	13 a-e	17 a	13 a-e	15 abc	16 abc	16 a-e
18	Dual Magnum 10 d after transplant	24	OZ/A	16 a-d	11 b-e	16 a	18 a-d	16 abc	14 abc	18 a-d
19	Prowl H20 Pretransplant	1	PT/A	16 a-d	15 a-d	18 a	15 a-e	15 abc	13 bc	16 a-e
20	Prowl H20 2 d after transplant	1	PT/A	20 a	19 a	17 a	17 a-d	12 bcd	16 abc	19 a-d
21	Prowl H20 10 d after transplant	1	PT/A	15 a-e	18 ab	19 a	17 a-d	19 ab	20 a	20 ab
22	Prowl H20 Pretransplant	2	PT/A	16 a-d	18 a	17 a	18 a-d	19 ab	15 abc	20 abc
23	Prowl H20 2 d after transplant	2	PT/A	18 ab	17 abc	18 a	19 ab	20 a	17 ab	19 a-d

## University of Georgia

Weed Code	PLANT 1	PLANT 2	PLANT 3	PLANT 4	PLANT 5	PLANT 6	PLANT 7							
Crop Code	KALE	KALE	KALE	KALE	KALE	KALE	KALE							
Rating Data Type	HT	HT	HT	HT	HT	HT	HT							
Rating Unit	CM	CM	CM	CM	CM	CM	CM							
Rating Date	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07							
Assessed By														
Trt-Eval Interval														
ARM Action Codes														
Trt No.	Treatment Name	Rate	Unit	105	106	107	108	109	110	111				
24	Prowl H20 10 d after transplant	2	PT/A	19 a	16 abc	15 ab	19 a	17 abc	19 ab	22 a				
25	Prowl H20 Pretransplant	4	PT/A	18 ab	19 a	17 a	12 b-e	16 abc	15 abc	18 a-d				
26	Prowl H20 2 d after transplant	4	PT/A	13 a-e	16 abc	17 a	15 a-e	10 cde	14 abc	14 b-e				
27	Prowl H20 10 d after transplant	4	PT/A	10 c-f	17 abc	16 a	16 a-d	17 abc	18 ab	13 c-f				
28	Non-treated control			18 ab	19 a	19 a	16 a-d	17 abc	19 ab	18 a-d				
LSD (P=.05)		6.3		5.8		5.2		5.5		6.2		5.4		6.0
Standard Deviation		3.8		3.6		3.2		3.4		3.8		3.3		3.7
CV		28.85		25.74		21.9		23.1		27.78		22.29		24.55
Bartlett's X2		43.824		37.853		25.137		32.412		30.502		30.047		38.231
P(Bartlett's X2)		0.022*		0.08		0.567		0.146		0.247		0.266		0.074

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

# University of Georgia

Weed Code	PLANT 8	PLANT 9	PLANT 10	AVG10PLA	HARV 1	HARV 1	HARV 2			
Crop Code	KALE	KALE	KALE	KALE	Cabbage	Cabbage	Cabbage			
Rating Data Type	HT	HT	HT	HT	#/PLOT	WEIGHT	#/PLOT			
Rating Unit	CM	CM	CM	CM		LBS				
Rating Date	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Jan-22-08	Jan-22-08	Feb-04-08			
Assessed By										
Trt-Eval Interval										
ARM Action Codes				T7						
Trt No.	Treatment Name	Rate	Unit	112	113	114	115	117	118	119
1	V-10206 Pretransplant	0.1	LB A/A	13 b	12 b-e	11 bc	12 de	0 a	0 a	2 abc
2	V-10206 2 d after transplant	0.1	LB A/A	7 c	10 b-e	11 bc	10 ef	0 a	0 a	1 abc
3	V-10206 10 d after transplant	0.1	LB A/A	16 ab	14 abc	15 abc	16 a-d	2 a	2 a	2 abc
4	V-10206 Pretransplant	0.2	LB A/A	3 cd	6 def	9 cd	6 gh	0 a	0 a	2 abc
5	V-10206 2 d after transplant	0.2	LB A/A	5 cd	5 ef	9 cd	8 fg	0 a	0 a	0 c
6	V-10206 10 d after transplant	0.2	LB A/A	14 ab	15 abc	16 abc	14 bcd	2 a	2 a	2 abc
7	Valor Pretransplant	1	OZ/A	18 ab	13 a-d	19 ab	15 a-d	1 a	2 a	0 c
8	Valor 2 d after transplant	1	OZ/A	15 ab	13 a-d	11 bc	14 cde	0 a	0 a	0 c
9	Valor 10 d after transplant	1	OZ/A	18 ab	17 abc	18 ab	18 ab	1 a	1 a	2 abc
10	Valor Pretransplant	2	OZ/A	0 d	2 f	0 e	2 h	0 a	0 a	0 c
11	Valor 2 d after transplant	2	OZ/A	3 cd	3 f	2 de	4 h	0 a	1 a	1 bc
12	Valor 10 d after transplant	2	OZ/A	16 ab	9 c-f	16 abc	16 a-d	0 a	0 a	2 abc
13	Dual Magnum Pretransplant	12	OZ/A	16 ab	15 abc	14 abc	16 a-d	1 a	2 a	4 a
14	Dual Magnum 2 d after transplant	12	OZ/A	17 ab	14 abc	16 abc	16 abc	1 a	1 a	5 a
15	Dual Magnum 10 d after transplant	12	OZ/A	14 ab	18 ab	16 abc	17 abc	2 a	3 a	4 ab
16	Dual Magnum Pretransplant	24	OZ/A	15 ab	17 abc	14 abc	15 a-d	0 a	0 a	5 a
17	Dual Magnum 2 d after transplant	24	OZ/A	16 ab	15 abc	16 abc	15 a-d	0 a	0 a	3 abc
18	Dual Magnum 10 d after transplant	24	OZ/A	16 ab	18 ab	18 ab	16 a-d	3 a	3 a	2 abc
19	Prowl H20 Pretransplant	1	PT/A	15 ab	12 a-e	14 abc	15 a-d	0 a	0 a	3 abc
20	Prowl H20 2 d after transplant	1	PT/A	20 a	21 a	20 a	18 a	1 a	1 a	4 ab
21	Prowl H20 10 d after transplant	1	PT/A	16 ab	21 a	16 abc	18 a	0 a	0 a	3 abc
22	Prowl H20 Pretransplant	2	PT/A	15 ab	17 ab	18 ab	17 abc	0 a	0 a	3 abc
23	Prowl H20 2 d after transplant	2	PT/A	17 ab	16 abc	19 ab	18 a	2 a	3 a	3 abc



## University of Georgia

Weed Code	PLANT 8	PLANT 9	PLANT 10	AVG10PLA	HARV 1	HARV 1	HARV 2							
Crop Code	KALE	KALE	KALE	KALE	Cabbage	Cabbage	Cabbage							
Rating Data Type	HT	HT	HT	HT	#/PLOT	WEIGHT	#/PLOT							
Rating Unit	CM	CM	CM	CM		LBS								
Rating Date	Nov-20-07	Nov-20-07	Nov-20-07	Nov-20-07	Jan-22-08	Jan-22-08	Feb-04-08							
Assessed By														
Trt-Eval Interval														
ARM Action Codes				T7										
Trt No.	Treatment Name	Rate	Unit	112	113	114	115	117	118	119				
24	Prowl H20 10 d after transplant	2	PT/A	20 ab	16 abc	19 ab	18 a	0 a	0 a	3 abc				
25	Prowl H20 Pretransplant	4	PT/A	19 ab	14 abc	15 abc	16 abc	1 a	1 a	3 abc				
26	Prowl H20 2 d after transplant	4	PT/A	17 ab	16 abc	16 abc	15 a-d	1 a	1 a	2 abc				
27	Prowl H20 10 d after transplant	4	PT/A	16 ab	18 ab	11 abc	15 a-d	1 a	2 a	2 abc				
28	Non-treated control			20 a	16 abc	19 ab	18 a	0 a	0 a	4 ab				
LSD (P=.05)		5.3		6.8		7.3		3.1		2.2		3.0		2.8
Standard Deviation		3.2		4.2		4.5		1.9		1.4		1.8		1.7
CV		22.83		30.54		31.45		13.6		181.47		192.93		71.45
Bartlett's X2		24.285		53.968		27.16		32.116		31.052		37.382		28.914
P(Bartlett's X2)		0.503		0.002*		0.401		0.189		0.028*		0.005*		0.315

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

Column 104: T7 = @AVG([C105].[C114])

# University of Georgia

Weed Code	HARV 2	HARV 3	HARV 3	HARV 3	HARV 3	HARV 1	HARV 1			
Crop Code	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage	COLLARD	COLLARD			
Rating Data Type	WEIGHT	#/PLOT	WEIGHT	#/PLOT	WEIGHT	#/PLOT	WEIGHT			
Rating Unit	LBS		LBS		LBS		LBS			
Rating Date	Feb-04-08	Feb-12-08	Feb-12-08	Feb-12-08	Feb-12-08	Feb-12-08	Dec-11-07			
Assessed By										
Trt-Eval Interval										
ARM Action Codes					T8	T9				
Trt No.	Treatment Name	Rate	Unit	120	121	122	123	124	126	127
1	V-10206 Pretransplant	0.1	LB A/A	3 a-d	4 a-f	5 a-f	6 de	7 cd	9 abc	6 def
2	V-10206 2 d after transplant	0.1	LB A/A	2 a-d	5 a-f	5 b-f	6 de	7 de	9 a-d	7 b-f
3	V-10206 10 d after transplant	0.1	LB A/A	4 a-d	5 a-e	9 a-d	9 ab	14 ab	10 a	10 ab
4	V-10206 Pretransplant	0.2	LB A/A	3 a-d	1 ef	1 ef	3 g	4 def	0 f	0 h
5	V-10206 2 d after transplant	0.2	LB A/A	1 bcd	2 c-f	2 def	2 g	3 ef	1 f	2 gh
6	V-10206 10 d after transplant	0.2	LB A/A	2 a-d	3 a-f	4 c-f	7 cde	8 cd	10 a	9 a-e
7	Valor Pretransplant	1	OZ/A	1 cd	6 a-d	6 a-f	7 b-e	8 cd	7 cde	6 c-f
8	Valor 2 d after transplant	1	OZ/A	0 d	2 def	2 def	2 g	2 f	8 a-d	8 a-f
9	Valor 10 d after transplant	1	OZ/A	3 a-d	4 a-f	7 a-e	8 a-d	11 bc	9 a-d	9 a-e
10	Valor Pretransplant	2	OZ/A	1 cd	3 a-f	3 c-f	3 fg	4 def	1 f	2 gh
11	Valor 2 d after transplant	2	OZ/A	1 bcd	1 f	0 f	2 g	2 f	1 f	0 h
12	Valor 10 d after transplant	2	OZ/A	3 a-d	7 a	9 abc	9 abc	13 ab	7 b-e	6 c-f
13	Dual Magnum Pretransplant	12	OZ/A	7 a	4 a-f	6 a-f	10 a	14 ab	9 ab	9 a-e
14	Dual Magnum 2 d after transplant	12	OZ/A	7 a	4 a-f	6 a-f	10 a	14 ab	9 ab	8 a-f
15	Dual Magnum 10 d after transplant	12	OZ/A	5 abc	3 a-f	5 a-f	10 a	13 ab	9 abc	9 a-e
16	Dual Magnum Pretransplant	24	OZ/A	7 a	4 a-f	6 a-f	9 abc	13 ab	10 a	8 a-e
17	Dual Magnum 2 d after transplant	24	OZ/A	4 a-d	6 ab	11 a	9 ab	15 ab	10 a	9 a-e
18	Dual Magnum 10 d after transplant	24	OZ/A	3 a-d	4 a-f	8 a-e	9 abc	14 ab	9 ab	10 a-d
19	Prowl H20 Pretransplant	1	PT/A	4 a-d	6 a-d	9 abc	9 abc	13 ab	9 ab	8 a-e
20	Prowl H20 2 d after transplant	1	PT/A	6 ab	5 a-e	9 a-d	10 a	15 ab	10 a	11 a
21	Prowl H20 10 d after transplant	1	PT/A	5 a-d	6 a-d	9 abc	9 ab	15 ab	9 ab	10 abc
22	Prowl H20 Pretransplant	2	PT/A	5 a-d	6 ab	10 ab	10 a	16 a	10 a	9 a-e
23	Prowl H20 2 d after transplant	2	PT/A	5 a-d	5 a-f	6 a-f	10 a	14 ab	6 de	6 ef

## University of Georgia

Weed Code	HARV 2	HARV 3	HARV 3	HAR1-3	HAR1-3	HARV 1	HARV 1
Crop Code	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage	COLLARD	COLLARD
Rating Data Type	WEIGHT	#/PLOT	WEIGHT	#/PLOT	WEIGHT	#/PLOT	WEIGHT
Rating Unit	LBS		LBS		LBS		LBS
Rating Date	Feb-04-08	Feb-12-08	Feb-12-08	Feb-12-08	Feb-12-08	Dec-11-07	Dec-11-07
Assessed By							
Trt-Eval Interval							
ARM Action Codes				T8	T9		
Trt Treatment							
No. Name							
Rate	120	121	122	123	124	126	127
Rate Unit							
24 Prowl H20 10 d after transplant	2 PT/A 4 a-d	6 abc	10 abc	9 abc	14 ab	6 de	5 fg
25 Prowl H20 Pretransplant	4 PT/A 5 a-d	5 a-e	7 a-f	9 abc	13 ab	8 a-d	8 a-f
26 Prowl H20 2 d after transplant	4 PT/A 4 a-d	2 b-f	2 def	5 ef	8 cd	5 e	5 fg
27 Prowl H20 10 d after transplant	4 PT/A 4 a-d	5 a-f	5 a-f	8 a-d	11 bc	3 f	1 gh
28 Non-treated control	6 ab	5 a-f	7 a-f	9 abc	13 ab	10 a	9 a-e
LSD (P=.05)	4.3	3.3	5.3	2.1	3.5	2.2	3.0
Standard Deviation	2.6	2.0	3.3	1.3	2.2	1.3	1.9
CV	71.19	48.19	54.2	17.62	20.13	18.16	27.41
Bartlett's X2	29.14	20.257	34.649	25.063	23.415	18.746	36.318
P(Bartlett's X2)	0.305	0.82	0.148	0.515	0.663	0.716	0.109

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

Column 111: T8 = [C117]+[C119]+[C121]

Column 112: T9 = [C118]+[C120]+[C122]

# University of Georgia

Weed Code	HARV2	HARV 2	HARV 3	HARV 3	HARV1-3	HARV1-3	HARV 1	
Crop Code	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD	COLLARD	KALE	
Rating Data Type	#/PLOT	WEIGHT	#/PLOT	WEIGHT	#/PLOT	WEIGHT	#/PLOT	
Rating Unit		LBS		LBS		LBS		
Rating Date	Jan-18-08	Jan-18-08	Feb-15-08	Feb-15-08	Feb-15-08	Feb-15-08	Dec-05-07	
Assessed By								
Trt-Eval Interval								
ARM Action Codes					T10	T11		
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
No. Name	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	Rate Unit	
		128	129	130	131	132	133	135
1 V-10206 Pretransplant	0.1 LB A/A	10 a	7 a-e	10 a	3 ab	29 ab	16 a-g	7 bcd
2 V-10206 2 d after transplant	0.1 LB A/A	10 ab	6 b-e	7 cde	3 a-e	26 abc	16 b-g	6 d
3 V-10206 10 d after transplant	0.1 LB A/A	10 a	8 a-d	10 a	3 abc	30 a	21 a	10 a
4 V-10206 Pretransplant	0.2 LB A/A	8 cde	6 b-f	8 a-d	2 b-f	16 gh	8 ijk	1 e
5 V-10206 2 d after transplant	0.2 LB A/A	8 cde	10 a	8 a-d	3 a-d	17 fgh	14 d-h	1 e
6 V-10206 10 d after transplant	0.2 LB A/A	9 abc	8 abc	10 a	3 a-d	29 ab	20 ab	9 abc
7 Valor Pretransplant	1 OZ/A	7 def	5 def	8 b-e	2 a-e	21 c-f	14 e-h	7 bcd
8 Valor 2 d after transplant	1 OZ/A	10 a	7 a-d	10 ab	4 a	28 ab	19 a-e	7 cd
9 Valor 10 d after transplant	1 OZ/A	10 ab	7 a-d	10 ab	3 a-d	28 ab	20 abc	10 a
10 Valor Pretransplant	2 OZ/A	3 g	3 fg	5 f	1 ef	9 ij	6 jk	0 e
11 Valor 2 d after transplant	2 OZ/A	3 g	2 g	4 f	1 f	8 j	4 k	0 e
12 Valor 10 d after transplant	2 OZ/A	7 def	6 b-f	7 cde	3 a-d	22 cde	15 c-h	9 ab
13 Dual Magnum Pretransplant	12 OZ/A	9 abc	7 a-e	8 a-d	3 a-d	27 ab	19 a-d	10 a
14 Dual Magnum 2 d after transplant	12 OZ/A	10 a	6 b-e	10 ab	3 a-d	29 ab	18 a-f	10 a
15 Dual Magnum 10 d after transplant	12 OZ/A	10 ab	8 a-d	10 a	4 ab	29 ab	20 ab	10 a
16 Dual Magnum Pretransplant	24 OZ/A	10 ab	7 b-e	10 ab	3 a-d	29 ab	18 a-f	10 a
17 Dual Magnum 2 d after transplant	24 OZ/A	10 ab	7 a-d	10 ab	3 a-d	29 ab	19 a-d	10 a
18 Dual Magnum 10 d after transplant	24 OZ/A	10 ab	8 ab	10 a	3 abc	29 ab	21 a	9 ab
19 Prowl H20 Pretransplant	1 PT/A	10 ab	8 a-d	10 ab	3 a-d	29 ab	19 a-e	10 a
20 Prowl H20 2 d after transplant	1 PT/A	10 ab	7 b-e	9 abc	3 a-d	29 ab	21 a	9 abc
21 Prowl H20 10 d after transplant	1 PT/A	10 ab	7 a-e	9 abc	3 a-d	28 ab	20 ab	9 ab
22 Prowl H20 Pretransplant	2 PT/A	10 ab	7 a-d	10 a	3 a-d	30 a	19 a-d	10 a
23 Prowl H20 2 d after transplant	2 PT/A	7 def	5 c-f	7 de	2 a-f	20 d-g	13 fgh	10 a

## University of Georgia

Weed Code	HARV2 COLLARD	HARV 2 COLLARD	HARV 3 COLLARD	HARV 3 COLLARD	HAR1-3 COLLARD	HAR1-3 COLLARD	HARV 1 KALE		
Crop Code									
Rating Data Type	#/PLOT	WEIGHT	#/PLOT	WEIGHT	#/PLOT	WEIGHT	#/PLOT		
Rating Unit		LBS		LBS		LBS			
Rating Date	Jan-18-08	Jan-18-08	Feb-15-08	Feb-15-08	Feb-15-08	Feb-15-08	Dec-05-07		
Assessed By									
Trt-Eval Interval									
ARM Action Codes					T10	T11			
Trt No.	Treatment Name	Rate	Rate	Rate	Rate	Rate	Rate		
		Unit	Unit	Unit	Unit	Unit	Unit		
128			129		130		131		
132			133		134		135		
24	Prowl H20 10 d after transplant	2 PT/A	6 f	5 ef	6 ef	3 a-d	18 e-h	12 ghi	10 a
25	Prowl H20 Pretransplant	4 PT/A	8 a-d	6 b-e	8 b-e	3 a-d	24 bcd	17 a-g	7 cd
26	Prowl H20 2 d after transplant	4 PT/A	8 b-e	7 a-d	6 def	2 c-f	19 efg	14 e-h	8 abc
27	Prowl H20 10 d after transplant	4 PT/A	6 ef	7 b-e	4 f	2 def	13 hi	10 hij	8 abc
28	Non-treated control		10 a	7 a-d	10 a	3 a-d	30 a	19 a-d	10 a
LSD (P=.05)		1.6	2.2	1.9	1.2	4.3	4.2	1.9	
Standard Deviation		0.9	1.3	1.2	0.7	2.6	2.6	1.2	
CV		11.25	20.14	13.87	25.61	10.9	16.0	14.9	
Bartlett's X2		22.216	40.569	24.441	40.089	41.536	42.918	27.979	
P(Bartlett's X2)		0.447	0.045*	0.224	0.05	0.02*	0.027*	0.309	

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

Column 119: T10 = [C126]+[C128]+[C130]

Column 120: T11 = [C127]+[C129]+[C131]

# University of Georgia

Weed Code			HARV 1	HARV2	HARV 2	HARV 3	HARV 3	HARV 3	HARV 3	HARV 1
Crop Code			KALE	KALE	KALE	KALE	KALE	KALE	KALE	Broccoli
Rating Data Type			WEIGHT	#/PLOT	WEIGHT	#/PLOT	WEIGHT	#/PLOT	WEIGHT	#/PLOT
Rating Unit			LBS		LBS		LBS		LBS	
Rating Date			Dec-05-07	Jan-10-08	Jan-10-08	Feb-20-08	Feb-20-08	Feb-20-08	Feb-20-08	Jan-08-08
Assessed By										
Trt-Eval Interval										
ARM Action Codes								T12	T13	
Trt No.	Treatment Name	Rate Unit	136	137	138	139	140	141	142	144
1	V-10206 Pretransplant	0.1 LB A/A	3 efg	9 a	4 a	9 a	4 abc	26 a-d	11 bc	8 ab
2	V-10206 2 d after transplant	0.1 LB A/A	3 fg	9 a	4 a	9 a	4 abc	24 b-e	11 bc	8 ab
3	V-10206 10 d after transplant	0.1 LB A/A	4 a-d	10 a	4 ab	10 a	4 abc	29 ab	12 abc	9 ab
4	V-10206 Pretransplant	0.2 LB A/A	0 h	4 b	2 c	9 ab	5 a	14 f	7 d	3 c
5	V-10206 2 d after transplant	0.2 LB A/A	1 h	9 a	4 ab	10 a	3 bc	20 e	8 d	2 c
6	V-10206 10 d after transplant	0.2 LB A/A	4 abc	10 a	4 a	10 a	3 c	28 a-d	12 abc	11 a
7	Valor Pretransplant	1 OZ/A	3 d-g	9 a	4 a	9 ab	4 ab	25 a-d	12 abc	6 b
8	Valor 2 d after transplant	1 OZ/A	2 g	9 a	4 ab	8 ab	4 abc	24 cde	10 c	2 c
9	Valor 10 d after transplant	1 OZ/A	4 a-d	10 a	4 ab	10 a	4 abc	29 ab	12 abc	9 ab
10	Valor Pretransplant	2 OZ/A	0 h	1 c	1 c	3 c	1 d	5 g	3 e	3 c
11	Valor 2 d after transplant	2 OZ/A	0 h	4 b	3 b	7 b	4 abc	11 f	6 d	1 c
12	Valor 10 d after transplant	2 OZ/A	4 a-d	9 a	4 ab	9 a	4 abc	28 a-d	12 abc	11 a
13	Dual Magnum Pretransplant	12 OZ/A	4 b-f	10 a	4 a	10 a	4 abc	29 ab	12 abc	10 a
14	Dual Magnum 2 d after transplant	12 OZ/A	4 b-e	10 a	4 ab	10 a	4 abc	30 a	11 bc	11 a
15	Dual Magnum 10 d after transplant	12 OZ/A	5 abc	10 a	4 a	10 a	4 ab	30 a	13 ab	10 ab
16	Dual Magnum Pretransplant	24 OZ/A	4 bcd	10 a	4 a	10 a	4 abc	29 ab	12 abc	8 ab
17	Dual Magnum 2 d after transplant	24 OZ/A	4 b-e	10 a	4 ab	10 a	4 abc	29 ab	11 bc	8 ab
18	Dual Magnum 10 d after transplant	24 OZ/A	4 bcd	10 a	4 a	10 a	4 abc	29 abc	12 abc	10 a
19	Prowl H20 Pretransplant	1 PT/A	4 b-e	10 a	4 ab	10 a	4 abc	29 ab	11 bc	9 ab
20	Prowl H20 2 d after transplant	1 PT/A	4 abc	9 a	4 ab	9 ab	4 abc	27 a-d	12 abc	10 a
21	Prowl H20 10 d after transplant	1 PT/A	5 abc	10 a	4 a	10 a	4 abc	29 ab	13 ab	11 a
22	Prowl H20 Pretransplant	2 PT/A	4 a-d	10 a	4 a	10 a	4 abc	30 a	12 abc	11 a
23	Prowl H20 2 d after transplant	2 PT/A	5 ab	10 a	4 a	8 ab	5 a	28 a-d	14 a	11 a

## University of Georgia

Weed Code	HARV 1 KALE	HARV2 KALE	HARV 2 KALE	HARV 3 KALE	HARV 3 KALE	HAR1-3 KALE	HAR1-3 KALE	HARV 1 Broccoli	
Crop Code	WEIGHT	#/PLOT	WEIGHT	#/PLOT	WEIGHT	#/PLOT	WEIGHT	#/PLOT	
Rating Data Type	LBS		LBS		LBS		LBS		
Rating Unit									
Rating Date	Dec-05-07	Jan-10-08	Jan-10-08	Feb-20-08	Feb-20-08	Feb-20-08	Feb-20-08	Jan-08-08	
Assessed By									
Trt-Eval Interval									
ARM Action Codes						T12	T13		
Trt Treatment	Rate								
No. Name	Rate Unit	136	137	138	139	140	141	142	144
24 Prowl H20 10 d after transplant	2 PT/A	6 a	10 a	4 a	8 ab	4 ab	28 a-d	14 a	10 ab
25 Prowl H20 Pretransplant	4 PT/A	4 c-g	8 a	4 ab	8 ab	4 abc	24 de	11 bc	8 ab
26 Prowl H20 2 d after transplant	4 PT/A	4 b-e	8 a	4 a	8 ab	4 abc	24 b-e	12 abc	9 ab
27 Prowl H20 10 d after transplant	4 PT/A	4 bcd	8 a	4 a	8 ab	4 abc	25 a-d	12 abc	6 b
28 Non-treated control		5 abc	10 a	4 a	10 a	4 ab	30 a	13 ab	10 a
LSD (P=.05)		1.1	1.5	1.0	2.1	0.9	4.1	2.2	3.1
Standard Deviation		0.7	0.9	0.6	1.3	0.6	2.5	1.4	1.9
CV		19.8	10.37	16.28	14.36	14.45	9.89	12.1	23.33
Bartlett's X2		33.726	25.979	48.98	27.277	29.142	40.881	40.967	24.884
P(Bartlett's X2)		0.174	0.166	0.006*	0.128	0.354	0.032*	0.041*	0.581

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

Column 127: T12 = [C135]+[C137]+[C139]

Column 128: T13 = [C136]+[C138]+[C140]

# University of Georgia

Weed Code	HARV 1		
Crop Code	Broccoli		
Rating Data Type	WEIGHT		
Rating Unit	LBS		
Rating Date	Jan-08-08		
Assessed By			
Trt-Eval Interval			
ARM Action Codes			
Trt No.	Treatment Name	Rate Rate	Unit Unit
			145
1	V-10206 Pretransplant	0.1 LB	A/A 3 a-d
2	V-10206 2 d after transplant	0.1 LB	A/A 3 a-d
3	V-10206 10 d after transplant	0.1 LB	A/A 3 a-d
4	V-10206 Pretransplant	0.2 LB	A/A 1 e
5	V-10206 2 d after transplant	0.2 LB	A/A 1 e
6	V-10206 10 d after transplant	0.2 LB	A/A 4 a-d
7	Valor Pretransplant	1 OZ	A 3 d
8	Valor 2 d after transplant	1 OZ	A 1 e
9	Valor 10 d after transplant	1 OZ	A 3 a-d
10	Valor Pretransplant	2 OZ	A 1 e
11	Valor 2 d after transplant	2 OZ	A 0 e
12	Valor 10 d after transplant	2 OZ	A 4 a-d
13	Dual Magnum Pretransplant	12 OZ	A 4 a-d
14	Dual Magnum 2 d after transplant	12 OZ	A 5 a
15	Dual Magnum 10 d after transplant	12 OZ	A 4 a-d
16	Dual Magnum Pretransplant	24 OZ	A 3 a-d
17	Dual Magnum 2 d after transplant	24 OZ	A 3 cd
18	Dual Magnum 10 d after transplant	24 OZ	A 4 ab
19	Prowl H20 Pretransplant	1 PT	A 4 a-d
20	Prowl H20 2 d after transplant	1 PT	A 4 a-d
21	Prowl H20 10 d after transplant	1 PT	A 4 abc
22	Prowl H20 Pretransplant	2 PT	A 4 ab
23	Prowl H20 2 d after transplant	2 PT	A 4 a-d



# University of Georgia

Weed Code	HARV 1	
Crop Code	Broccoli	
Rating Data Type	WEIGHT	
Rating Unit	LBS	
Rating Date	Jan-08-08	
Assessed By		
Trt-Eval Interval		
ARM Action Codes		
Trt No.	Treatment Name	Rate Unit
		145
24	Prowl H20 10 d after transplant	2 PT/A
		4 a-d
25	Prowl H20 Pretransplant	4 PT/A
		4 a-d
26	Prowl H20 2 d after transplant	4 PT/A
		3 a-d
27	Prowl H20 10 d after transplant	4 PT/A
		3 bcd
28	Non-treated control	
		4 a-d
LSD (P=.05)	1.4	
Standard Deviation	0.8	
CV	27.21	
Bartlett's X2	20.662	
P(Bartlett's X2)	0.802	

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

---



# University of Georgia

**Crop 4:** BRSOA Kale **Variety:** Clarissa  
**Planting Date:** Oct-12-07 **Planting Method:** transplant  
**Rate:** 1 12 inch **Depth:** 1.5 in **Perennial Age:** \_\_\_\_\_  
**Row Spacing:** 18 in **Spacing Within Row:** 12 in **Seed Bed:** bareground  
**Soil Temperature:** 78 f **Soil Moisture:** fair **Emergence Date:** \_\_\_\_\_

### SITE AND DESIGN

**Plot Width, Unit:** 12 FT **Plot Length, Unit:** 15 FT **Reps:** 3  
**Site Type:** Ponder Farm  
**Tillage Type:** Conventional **Study Design:** FACTORIAL

**Trial Initiation Comments:**

	Previous Crops	Previous Pesticides	Year
1.			

### MAINTENANCE

**Field Prep./Maintenance:**

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

### SOIL DESCRIPTION

**% Sand:** 94 **% OM:** 6.4 **Texture:** Sand  
**% Silt:** 2 **pH:** 1.3 **Soil Name:** Tifton Sandy Loam  
**% Clay:** 4 **CEC:** \_\_\_\_\_ **Fert. Level:** \_\_\_\_\_

### ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

### MOISTURE CONDITIONS

Date	Time	Amount	Unit	Type	Interval	Unit
1.						

**Overall Moisture Conditions:** \_\_\_\_\_

**Closest Weather Station:** \_\_\_\_\_ **Distance:** \_\_\_\_\_ **Unit:** \_\_\_\_\_

### APPLICATION DESCRIPTION

	A	B	C
<b>Application Date:</b>	Oct-11-07	Oct-14-07	Oct-21-07
<b>Time of Day:</b>	7:00 am	7:30 am	8:00 am
<b>Application Method:</b>	broadcast	broadcast	broadcast
<b>Application Timing:</b>	preplant		post
<b>Applic. Placement:</b>	on soil	overtop	overtop
<b>Air Temp., Unit:</b>	64 f	68 f	63 f
<b>% Relative Humidity:</b>	52	60	61
<b>Wind Velocity, Unit:</b>	3 mph	0 mph	0 mph
<b>Dew Presence (Y/N):</b>	n	y	y
<b>Water Hardness:</b>			
<b>Soil Temp., Unit:</b>	61 f	65 f	
<b>Soil Moisture:</b>	moist	moist	moist
<b>% Cloud Cover:</b>	0	0	20

# University of Georgia

### CROP STAGE AT EACH APPLICATION

	A	B	C
<b>Crop 1 Code, Stage:</b>	BRSOA preplant	BRSOA 2DAT	BRSOA 9 DAT
<b>Stage Scale:</b>	not plant	3 lf	4 lf
<b>Height, Unit:</b>	0 inch	3 inch	4 inch
<b>Crop 2 Code, Stage:</b>	BRSOL preplant	BRSOL 2DAT	BRSOL 9 DAT
<b>Stage Scale:</b>	not plant	3 lf	4 lf
<b>Height, Unit:</b>	0 inch	3 inch	4 inch
<b>Crop 3 Code, Stage:</b>	BRSOK preplant	BRSOK 2DAT	BRSOK 9 DAT
<b>Stage Scale:</b>	not plant	3 lf	4 lf
<b>Height, Unit:</b>	0 inch	3 inch	4 inch
<b>Crop 4 Code, Stage:</b>	BRSOA preplant	BRSOA 2DAT	BRSOA 9 DAT
<b>Stage Scale:</b>	not plant	3 lf	4 lf
<b>Height, Unit:</b>	0 inch	3 inch	4 inch

### WEED STAGE AT EACH APPLICATION

	A	B	C
<b>Weed 1 Code, Stage:</b>			
<b>Stage Scale:</b>			
<b>Density, Unit:</b>			

### APPLICATION EQUIPMENT

	A	B	C
<b>Appl. Equipment:</b>	backpack	backpack	backpack
<b>Operating Pressure:</b>	24	24	24
<b>Nozzle Type:</b>	flat fan	flat fan	flat fan
<b>Nozzle Size:</b>	11002	11002	11002
<b>Nozzle Spacing, Unit:</b>	18 inch	18 inch	18 inch
<b>Nozzles/Row:</b>	2	2	2
<b>Band Width, Unit:</b>			
<b>Boom Length, Unit:</b>	4.5 ft	4.5 ft	4.5 ft
<b>Boom Height, Unit:</b>	15 inch	15 inch	15 inch
<b>Ground Speed, Unit:</b>	3 mph	3 mph	3 mph
<b>Incorporation Equip.:</b>			
<b>Hours to Incorp.:</b>			
<b>Incorp. Depth, Unit:</b>			
<b>Carrier:</b>	water	water	water
<b>Spray Volume, Unit:</b>	14.8 GPA	14.8 GPA	14.8 GPA
<b>Spray pH:</b>			
<b>Propellant:</b>	CO2	CO2	CO2
<b>Tank Mix (Y/N):</b>	y	y	y

Trt No	Treatment Application Comment