

# University of Georgia

**Transplant cantaloupe tolerance to Reflex and Sinbar.**

Trial ID: Veg54-06  
 Location: Cordele

Study Dir.: Ken Lewis and Kevin Phillips  
 Investigator: Stanley Culpepper

Reps: 4                      Plots: 12 by 25 feet  
 Spray vol: 14.8 gal/ac      Mix size: 2 liters (min 1.5434)

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Form Rate	Rate Unit	Grow Stg	Appl Code	Amt to Measure	Product	Plot No. By Rep			
											1	2	3	4
1	Curbit Mulch	4	L		1	QT/A	PREPLANT	B	33.78 ml/mx		102	210	302	408
2	Curbit No Mulch	4	L		1	QT/A	POST	A	33.78 ml/mx		101	209	301	407
3	Curbit Reflex Mulch	4	L		1	QT/A	PREPLANT	A	33.78 ml/mx		104	204	310	404
		2	L		1	PT/A	PREPLANT	A	16.89 ml/mx					
4	Curbit Reflex No Mulch	4	L		1	QT/A	POST	B	33.78 ml/mx		103	203	309	403
		2	L		1	PT/A	PREPLANT	A	16.89 ml/mx					
5	Curbit Sinbar Mulch	4	L		1	QT/A	PREPLANT	A	33.78 ml/mx		106	208	308	410
		80	DF		3	OZ/A	PREPLANT	A	3.036 g/mx					
6	Curbit Sinbar No Mulch	4	L		1	QT/A	POST	B	33.78 ml/mx		105	207	307	409
		80	DF		3	OZ/A	PREPLANT	A	3.036 g/mx					
7	Curbit Sinbar Mulch	4	L		1	QT/A	PREPLANT	A	33.78 ml/mx		108	206	304	402
		80	DF		6	OZ/A	PREPLANT	A	6.072 g/mx					
8	Curbit Sinbar No Mulch	4	L		1	QT/A	POST	B	33.78 ml/mx		107	205	303	401
		80	DF		6	OZ/A	PREPLANT	A	6.072 g/mx					
9	Curbit Sinbar Reflex Mulch	4	L		1	QT/A	PREPLANT	A	33.78 ml/mx		110	202	306	406
		80	DF		3	OZ/A	PREPLANT	A	3.036 g/mx					
		2	L		1	PT/A	PREPLANT	A	16.89 ml/mx					
10	Curbit Sinbar Reflex No Mulch	4	L		1	QT/A	POST	B	33.78 ml/mx		109	201	305	405
		80	DF		3	OZ/A	PREPLANT	A	3.036 g/mx					
		2	L		1	PT/A	PREPLANT	A	16.89 ml/mx					

Sort Order: Treatment

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

Amount*	Unit	Treatment Name	Form Conc	Form Type	Lot Code
422.253	ml	Curbit	4	L	
84.451	ml	Reflex	2	L	
30.362	g	Sinbar	80	DF	

\* 'Per area' calculations based on spray volume= 14.8 gal/ac, mix size= 2 liters (mix size basis).

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

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## Transplant cantaloupe tolerance to Reflex and Sinbar.

Trial ID: Veg54-06

Study Dir.: Ken Lewis and Kevin Phillips

Location: Cordele

Investigator: Stanley Culpepper

### Trial Comments

**OBJECTIVE:** Determine cantaloupe tolerance to Sinbar and Reflex in bareground or mulched production systems.

**INJURY:**

1. Treatments over mulch: no treatment caused more than 5% chlorosis or stunting throughout the season.
2. Treatments on bareground: Sinbar at 3 oz/A caused less than 10% injury. Reflex or Sinbar at 6 oz caused severe injury throughout the season.

**WEED CONTROL:**

1. Tropic Croton: At 57 DAT, Sinbar 6 oz or Reflex plus Sinbar 3 oz provided excellent control. Reflex alone and Sinbar at 3 oz provided fair control. With systems providing fair control, control was greater on mulch because it allowed the cantaloupe to grow more quickly and be more competitive.
2. Palmer amaranth: At 57 DAT, Curbit provided 60% control or less. Adding 3 oz of Sinbar to Curbit improved control only to 71-80%. Control was excellent with all Reflex systems and with Sinbar at 6 oz/A. With systems providing fair control, control was greater on mulch because it allowed the cantaloupe to grow more quickly and be more competitive.
3. Yellow nutsedge: Curbit provided no control. Sinbar at 3 oz provided poor control while 6 oz provided fair control. Reflex systems were generally the most effective systems.

**VINE GROWTH (AVG. 5 PLANT/PLOT):**

1. Mulched Plots: Compared to Curbit alone, no treatment impacted vine growth. Trends were apparent for reduced growth with 6 oz/A of Sinbar.
2. Bareground Plots: Compared to Curbit alone, Reflex reduced vine growth 65%, Sinbar 3 oz reduced vine growth 20%, Sinbar 6 oz reduced vine growth 96%, and Reflex plus Sinbar 3 oz reduced vine growth 60%.
3. Vines were 13% longer with mulch as compared to bareground when treated with Curbit.

**YIELDS:**

1. Totaling harvest 1-3 or 1-7 on mulch: The weight of fruit harvested was increased by all Reflex and Sinbar systems when compared to Curbit alone. The number of fruit harvested was increased by the Reflex systems with similar trends noted with the Sinbar systems.
2. Totaling harvest 1-3 or 1-7 on bareground: Yields were low with all systems. Yields from Curbit alone were similar or better than those of Sinbar 6 oz or Reflex alone because Curbit provided poor weed control while the Sinbar and Reflex caused significant injury. A slight increase in yield was noted over Curbit alone with the Sinbar 3 oz or Sinbar/Reflex system which was likely a balance between weed control and crop injury.
3. Totaling harvest 1-3 or 1-7: With the Curbit only system, yields were 55 to 80% greater from mulch as compared to bareground.

**GENERAL COMMENTS:**

1. Mulched treatments were applied followed by irrigation 3 hours later. Transplants were planted 1 d later.

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Weed Code	CUMMC	CUMMC	CVNGS	CVNGS	AMAPA	AMAPA	CYPES	CYPES	
Crop Code	injury	injury	control	control	control	control	control	control	
Rating Data Type	percent	percent	percent	percent	percent	percent	percent	percent	
Rating Unit									
Rating Date	Apr-25-06	May-09-06	May-09-06	Jun-01-06	May-09-06	Jun-01-06	May-09-06	Jun-01-06	
Assessed By	SC	SC	SC	SC	SC	SC	SC	SC	
Trt-Eval Interval	20 DA-A	34 DA-A	34 DA-A	57 DA-A	34 DA-A	57 DA-A	34 DA-A	57 DA-A	
ARM Action Codes									
# Subsamples, Dec.									
Trt Treatment Rate									
No. Name Rate Unit	1	2	3	4	5	6	7	8	
1 Curbit Mulch	1 QT/A	0 d	0 c	0 f	0 e	85 c	60 d	0 e	0 f
2 Curbit No Mulch	1 QT/A	0 d	0 c	0 f	0 e	85 c	53 e	0 e	0 f
3 Curbit Reflex Mulch	1 QT/A 1 PT/A	2 cd	0 c	84 cd	80 bc	100 a	100 a	90 a	87 ab
4 Curbit Reflex No Mulch	1 QT/A 1 PT/A	18 b	41 b	89 bc	73 c	100 a	100 a	94 a	83 b
5 Curbit Sinbar Mulch	1 QT/A 3 OZ/A	3 cd	0 c	76 de	86 b	94 b	80 b	35 c	38 d
6 Curbit Sinbar No Mulch	1 QT/A 3 OZ/A	9 c	9 c	69 e	63 d	93 b	71 c	25 d	18 e
7 Curbit Sinbar Mulch	1 QT/A 6 OZ/A	3 cd	0 c	91 abc	97 a	100 a	97 a	65 b	69 c
8 Curbit Sinbar No Mulch	1 QT/A 6 OZ/A	65 a	88 a	99 ab	100 a	100 a	98 a	63 b	66 c
9 Curbit Sinbar Reflex Mulch	1 QT/A 3 OZ/A 1 PT/A	5 cd	0 c	91 abc	96 a	100 a	100 a	93 a	92 a
10 Curbit Sinbar Reflex No Mulch	1 QT/A 3 OZ/A 1 PT/A	18 b	49 b	100 a	97 a	100 a	100 a	96 a	91 a
LSD (P=.05)	6.9	8.0	9.3	7.9	3.6	3.1	5.6	7.4	
Standard Deviation	4.8	5.5	6.4	5.4	2.5	2.1	3.9	5.1	
CV	39.15	29.65	9.17	7.89	2.58	2.51	6.89	9.44	
Bartlett's X2	3.966	6.072	12.568	31.594	12.464	28.451	10.996	19.289	
P(Bartlett's X2)	0.784	0.108	0.05	0.001*	0.014*	0.001*	0.139	0.007*	

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

# University of Georgia

Weed Code	plant 1 CUMMC	plant 2 CUMMC	plant 3 CUMMC	plant 4 CUMMC	plant 5 CUMMC	Avg.5 pl CUMMC	Har. 1 CUMMC	Har. 1 CUMMC	
Crop Code	runner leng	runner leng	runner leng	runner leng	runner leng	runner leng	#	wt/lb	
Rating Data Type	cm	cm	cm	cm	cm	cm	per plot	per plot	
Rating Unit	May-09-06	May-09-06	May-09-06	May-09-06	May-09-06	May-09-06	Jun-12-06	Jun-12-06	
Rating Date	34 DA-A	34 DA-A	34 DA-A	34 DA-A	34 DA-A	34 DA-A	68 DA-A	68 DA-A	
Assessed By									
Trt-Eval Interval									
ARM Action Codes						T1			
# Subsamples, Dec.									
Trt No.	9	10	11	12	13	14	15	16	
Treatment Name									
Rate									
Rate Unit									
1 Curbit Mulch	1 QT/A	82 ab	82 ab	93 a	85 ab	92 a	87 ab	38 bc	120 c
2 Curbit No Mulch	1 QT/A	71 ab	82 ab	74 ab	80 ab	70 ab	75 b	16 e	38 de
3 Curbit Reflex Mulch	1 QT/A 1 PT/A	78 ab	74 ab	83 ab	86 ab	92 a	82 ab	53 a	213 a
4 Curbit Reflex No Mulch	1 QT/A 1 PT/A	29 cd	30 c	27 c	22 ef	24 c	26 d	29 cd	110 c
5 Curbit Sinbar Mulch	1 QT/A 3 OZ/A	81 ab	92 a	95 a	100 a	89 ab	91 a	46 ab	184 ab
6 Curbit Sinbar No Mulch	1 QT/A 3 OZ/A	55 bc	60 b	63 b	56 cd	68 b	60 c	20 de	63 d
7 Curbit Sinbar Mulch	1 QT/A 6 OZ/A	71 ab	84 ab	75 ab	81 ab	79 ab	78 ab	51 a	222 a
8 Curbit Sinbar No Mulch	1 QT/A 6 OZ/A	14 d	6 d	0 d	0 f	0 d	4 e	2 f	11 e
9 Curbit Sinbar Reflex Mulch	1 QT/A 3 OZ/A 1 PT/A	93 a	82 ab	87 ab	68 bc	85 ab	83 ab	56 a	208 a
10 Curbit Sinbar Reflex No Mulch	1 QT/A 3 OZ/A 1 PT/A	30 cd	33 c	29 c	35 de	25 c	30 d	37 bc	166 b
LSD (P=.05)	25.5	21.6	22.2	22.7	19.7	13.3	9.8	38.4	
Standard Deviation	17.6	14.9	15.3	15.7	13.6	9.2	6.7	26.4	
CV	29.13	23.89	24.48	25.63	21.78	14.84	19.48	19.83	
Bartlett's X2	22.625	12.147	11.095	13.941	8.654	12.353	17.771	11.279	
P(Bartlett's X2)	0.007*	0.205	0.196	0.083	0.372	0.194	0.038*	0.257	

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

Column 14: T1 = @AVG([C9].[C13])

# University of Georgia

Weed Code	Har. 2	Har. 2	Har. 3	Har. 3	Har. 4	Har. 4	Har. 5	Har. 5	Har. 6
Crop Code	CUMMC	CUMMC	CUMMC	CUMMC	CUMMC	CUMMC	CUMMC	CUMMC	CUMMC
Rating Data Type	#	wt/lb	#	wt/lb	#	wt/lb	#	wt/lb	#
Rating Unit	per plot	per plot	per plot	per plot	per plot	per plot	per plot	per plot	per plot
Rating Date	Jun-17-06	Jun-17-06	Jun-19-06	Jun-19-06	Jun-22-06	Jun-22-06	Jun-25-06	Jun-25-06	Jun-29-06
Assessed By									
Trt-Eval Interval	73 DA-A	73 DA-A	75 DA-A	75 DA-A	78 DA-A	78 DA-A	81 DA-A	81 DA-A	85 DA-A
ARM Action Codes									
# Subsamples, Dec.									
Trt Treatment Rate									
No. Name Rate Unit	17	18	19	20	21	22	23	24	25
1 Curbit Mulch	14 a	47 a	9 ab	22 bcd	4 bc	14 bc	1 bc	2 c	1 bc
2 Curbit No Mulch	3 b	7 b	7 bc	14 cd	4 bc	11 c	2 bc	3 c	0 c
3 Curbit Reflex Mulch	12 a	49 a	14 a	60 a	6 abc	27 abc	1 bc	4 c	2 bc
4 Curbit Reflex No Mulch	1 b	2 b	2 cd	5 cd	3 bc	9 c	11 a	36 b	10 a
5 Curbit Sinbar Mulch	11 a	46 a	15 a	57 a	7 abc	23 abc	2 bc	8 c	2 bc
6 Curbit Sinbar No Mulch	3 b	9 b	9 ab	26 bc	6 abc	16 bc	2 bc	7 c	2 bc
7 Curbit Sinbar Mulch	12 a	49 a	10 ab	41 ab	11 a	46 a	3 bc	10 c	3 b
8 Curbit Sinbar No Mulch	0 b	0 b	0 d	0 d	0 c	0 c	0 c	2 c	1 bc
9 Curbit Sinbar Reflex Mulch	12 a	54 a	12 ab	51 a	9 ab	38 ab	5 b	10 c	3 b
10 Curbit Sinbar Reflex No Mulch	0 b	0 b	2 cd	4 cd	5 abc	19 bc	12 a	58 a	10 a
LSD (P=.05)	5.9	23.5	5.5	20.3	5.9	23.4	3.8	12.5	2.4
Standard Deviation	4.0	16.2	3.8	14.0	4.1	16.1	2.6	8.6	1.7
CV	60.64	61.51	48.31	50.12	75.22	79.85	69.39	62.64	50.67
Bartlett's X2	12.447	20.544	9.515	12.975	13.592	17.08	23.732	20.497	13.564
P(Bartlett's X2)	0.087	0.005*	0.301	0.113	0.093	0.029*	0.005*	0.015*	0.139

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

## University of Georgia

Weed Code	Har. 6	Har. 7	Har. 7	Har1-3	Har1-3	Har1-7	Har1-7
Crop Code	CUMMC	CUMMC	CUMMC	CUMMC	CUMMC	CUMMC	CUMMC
Rating Data Type	wt/lb	#	wt/lb	#	wt/lb	#	wt/lb
Rating Unit	per plot	per plot	per plot	per plot	per plot	per plot	per plot
Rating Date	Jun-29-06	Jul-03-06	Jul-03-06	Jul-03-06	Jul-03-06	Jul-03-06	Jul-03-06
Assessed By							
Trt-Eval Interval	85 DA-A	89 DA-A	89 DA-A	89 DA-A	89 DA-A	89 DA-A	89 DA-A
ARM Action Codes				T2	T3	T4	T5
# Subsamples, Dec.				1	1	1	1
Trt Treatment Rate							
No. Name Rate Unit	26	27	28	30	31	32	33
1 Curbit Mulch	1 QT/A 2 d	1 QT/A 0 b	1 QT/A 0 b	60.5 b	188.5 b	65.8 cd	206.5 c
2 Curbit No Mulch	1 QT/A 1 d	1 QT/A 0 b	1 QT/A 0 b	25.0 c	59.0 de	30.8 e	74.3 de
3 Curbit Reflex Mulch	1 QT/A 1 PT/A 9 cd	1 QT/A 1 PT/A 3 b	1 QT/A 1 PT/A 13 b	78.8 a	321.9 a	91.0 ab	373.9 ab
4 Curbit Reflex No Mulch	1 QT/A 1 PT/A 38 b	1 QT/A 1 PT/A 2 b	1 QT/A 1 PT/A 9 b	31.3 c	116.5 cd	57.0 d	208.0 c
5 Curbit Sinbar Mulch	1 QT/A 3 OZ/A 8 cd	1 QT/A 3 OZ/A 1 b	1 QT/A 3 OZ/A 3 b	71.3 ab	286.9 a	82.3 bc	328.4 b
6 Curbit Sinbar No Mulch	1 QT/A 3 OZ/A 5 d	1 QT/A 3 OZ/A 0 b	1 QT/A 3 OZ/A 0 b	31.8 c	98.0 d	40.5 e	125.8 d
7 Curbit Sinbar Mulch	1 QT/A 6 OZ/A 18 c	1 QT/A 6 OZ/A 8 a	1 QT/A 6 OZ/A 40 a	72.5 ab	312.0 a	97.0 ab	425.8 a
8 Curbit Sinbar No Mulch	1 QT/A 6 OZ/A 2 d	1 QT/A 6 OZ/A 1 b	1 QT/A 6 OZ/A 8 b	2.0 d	11.3 e	4.0 f	22.5 e
9 Curbit Sinbar Reflex Mulch	1 QT/A 3 OZ/A 1 PT/A 14 cd	1 QT/A 3 OZ/A 1 PT/A 10 a	1 QT/A 3 OZ/A 1 PT/A 49 a	79.8 a	312.4 a	106.8 a	423.3 a
10 Curbit Sinbar Reflex No Mulch	1 QT/A 3 OZ/A 1 PT/A 51 a	1 QT/A 3 OZ/A 1 PT/A 7 a	1 QT/A 3 OZ/A 1 PT/A 31 a	38.3 c	170.1 bc	72.8 cd	328.0 b
LSD (P=.05)	11.0	3.2	17.5	14.98	61.17	16.22	70.16
Standard Deviation	7.6	2.2	12.1	10.32	42.15	11.18	48.35
CV	51.57	69.16	78.67	21.03	22.47	17.25	19.22
Bartlett's X2	13.847	9.581	16.086	22.799	15.168	11.584	7.837
P(Bartlett's X2)	0.128	0.143	0.013*	0.007*	0.086	0.238	0.551

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

Column 29: T2 = [C15]+[C17]+[C19]

Column 30: T3 = [C16]+[C18]+[C20]

Column 31: T4 = [C30]+[C21]+[C23]+[C25]+[C27]

Column 32: T5 = [C31]+[C22]+[C24]+[C26]+[C28]

# University of Georgia

## Transplant cantaloupe tolerance to Reflex and Sinbar.

Trial ID: Veg54-06  
 Location: Cordele

Study Dir.: Ken Lewis and Kevin Phillips  
 Investigator: Stanley Culpepper

### GENERAL TRIAL INFORMATION

<b>Study Director:</b> Ken Lewis and Kevin Phillips	<b>Title:</b> _____
<b>Affiliation:</b> Ken Lewis and Kevin Phillips	
<b>Postal Code:</b> UGA Extens	
<b>Investigator:</b> Univ. of Georgia	<b>Title:</b> 31794
<b>Affiliation:</b> Stanley Culpepper	
<b>Postal Code:</b> Ext. Weed	

### TRIAL LOCATION

<b>City:</b> Cordele	<b>Trial Status:</b> completed
<b>State/Prov.:</b> GA	<b>Trial Reliability:</b> good
<b>Postal Code:</b> _____	<b>Initiation Date:</b> Apr-05-06
<b>Country:</b> USA	<b>Planned Completion Date:</b> _____
<b>E-Longitude of LL Corner °:</b> 452006	<b>N-Latitude of LL Corner °:</b> _____
<b>Altitude of LL Corner:</b> _____ <b>Unit:</b> _____	<b>Angle y-axis to North °:</b> _____

### COOPERATOR/LANDOWNER

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

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

**Objective:**

**Conclusions:**

### CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	CVNGS	tropic croton	
2.	AMAPA	Palmer amaranth	
3.	CYPES	yellow nutsedge	

**Crop 1:** CUMMC cantaloupe                      **Variety:** Athena  
**Planting Date:** Apr-06-06                      **Planting Method:** transplant  
**Rate:** 1              3 ft              **Depth:** 2              in              **Perennial Age:** \_\_\_\_\_  
**Row Spacing:** 12 ft              **Spacing Within Row:** 3 ft              **Seed Bed:** flat  
**Soil Temperature:** 65 F              **Soil Moisture:** irrigated              **Emergence Date:** \_\_\_\_\_

### SITE AND DESIGN

**Plot Width, Unit:** 12 FT              **Plot Length, Unit:** 25 FT              **Reps:** 4  
**Site Type:** on farm  
**Tillage Type:** conventional                      **Study Design:** SPLIT-PLOT

**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: 2.1	Texture: Loamy sand
% Silt: 6	pH: 6.0	Soil Name: _____
% Clay: 8	CEC: _____	Fert. Level: _____

### ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

### MOISTURE CONDITIONS

No.	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

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

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

### APPLICATION DESCRIPTION

	A	B
Application Date:	Apr-05-06	Apr-06-06
Time of Day:	10 am	10 am
Application Method:	broadcast	broadcast
Application Timing:	PREPLANT	POST
Applic. Placement:	on soil	over tran
Air Temp., Unit:	62 F	65 F
% Relative Humidity:	35	40
Wind Velocity, Unit:	4 mph	2 mph
Dew Presence (Y/N):	n	n
Water Hardness:		
Soil Temp., Unit:	65 F	68 F
Soil Moisture:	irrigated	irrigated
% Cloud Cover:	0	0

### CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	CUMMC PREPLANT	CUMMC POST
Stage Scale:	no crop	3lf trans
Height, Unit:	0 inch	3 inch



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### WEED STAGE AT EACH APPLICATION

	A	B
<b>Weed 1 Code, Stage:</b>	CVNGS PREPLANT	CVNGS POST
<b>Stage Scale:</b>	not up	not up
<b>Density, Unit:</b>	15 ydsq	15 ydsq
<b>Weed 2 Code, Stage:</b>	AMAPA PREPLANT	AMAPA POST
<b>Stage Scale:</b>	not up	not up
<b>Density, Unit:</b>	15 ydsq	15 ydsq
<b>Weed 3 Code, Stage:</b>	CYPES PREPLANT	CYPES POST
<b>Stage Scale:</b>	not up	not up
<b>Density, Unit:</b>	10 ydsq	10 ydsq

### APPLICATION EQUIPMENT

	A	B
<b>Appl. Equipment:</b>	backpack	tractor
<b>Operating Pressure:</b>	23	25
<b>Nozzle Type:</b>	flat fan	flat fan
<b>Nozzle Size:</b>	11002	8002
<b>Nozzle Spacing, Unit:</b>	18 inch	18 inch
<b>Nozzles/Row:</b>	4	4
<b>Band Width, Unit:</b>		
<b>Boom Length, Unit:</b>	4.5 feet	6 feet
<b>Boom Height, Unit:</b>	15 inch	18 inch
<b>Ground Speed, Unit:</b>	3 mph	3 mph
<b>Incorporation Equip.:</b>		
<b>Hours to Incorp.:</b>		
<b>Incorp. Depth, Unit:</b>		
<b>Carrier:</b>	water	water
<b>Spray Volume, Unit:</b>	14.8 GPA	15 GPA
<b>Spray pH:</b>		
<b>Propellant:</b>	CO2	PTO
<b>Tank Mix (Y/N):</b>	Y	Y

Trt No	Treatment Application Comment