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3. Injury by combinations of Valor and V-10206 tended to be greater than those noted with Valor alone and these combinations applied 3 d prior to planting tended to cause more injury when compared to applications made 13 d before planting.

Seed Cotton Yield:

1. Valor applied in strip tillage production did not impact yield; however, in no-till production only Valor at 1 oz/A did not reduce yields significantly.

GENERAL COMMENTS:

1. Preplant applications were made 13 or 3 days before planting.
2. Strip tillage operation and planting occurred at the same time.
3. Irrigation was implemented 3 and 6 d after planting
4. May 27, June 20, and July 10 - Oversprayed with 22 oz. of WMax.
5. Trials was maintained weed free.

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Impact of strip-tillage on Valor's ability to injure cotton.

Trial ID: C27-08

Study Dir.: Stanley Culpepper

Location: Ponder Farm (5119)

Investigator: Stanley Culpepper

Weed Code	INJURY	INJURY	INJURY	Seed Yld	Seed Yld		
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
Rating Data Type	control	control	control	lb	lb		
Rating Unit	%	%	%	2 rows	acres		
Rating Date	May-27-08	Jun-01-08	Jun-17-08	Sep-15-08	Sep-15-08		
Trt-Eval Interval	9 DA-B	14 DA-B	30 DA-B	120 DA-B	120 DA-B		
ARM Action Codes					TY1		
# Subsamples, Dec.					1		
Trt No.	Treatment Name	Rate	Rate	Rate	Rate		
		Unit	Unit	Unit	Unit		
		1	2	3	4		
		5					
1	None Strip Tillage	2 d	0 e	0 d	4 a	1214.8 a	
2	None No-tillage	0 d	0 e	0 d	4 a	1302.0 a	
3	Valor Strip Tillage	1 OZ/A	2 d	2 e	0 d	4 a	1195.5 a
4	Valor No-tillage	1 OZ/A	12 d	10 de	3 d	4 a	1185.8 a
5	Valor Strip Tillage	2 OZ/A	5 d	9 de	0 d	4 a	1302.0 a
6	Valor No-tillage	2 OZ/A	52 c	72 c	53 c	2 bc	653.4 bc
7	Valor Strip Tillage	3 OZ/A	10 d	13 d	0 d	5 a	1326.2 a
8	Valor No-tillage	3 OZ/A	85 ab	93 a	73 ab	2 c	474.3 c
9	Valor Strip Tillage	4 OZ/A	8 d	15 d	7 d	5 a	1326.2 a
10	Valor No-tillage	4 OZ/A	93 a	93 a	80 a	1 c	421.1 c
11	Valor V-10126 No-tillage	2 OZ/A 1 OZ/A	75 b	78 bc	53 c	3 b	866.4 b
12	Valor V-10126 No-tillage	2 OZ/A 1 OZ/A	85 ab	87 ab	67 b	2 bc	721.2 bc
LSD (P=.05)		13.7	9.5	8.2	1.0	303.72	
Standard Deviation		8.1	5.6	4.8	0.6	179.35	
CV		22.61	14.2	17.25	17.95	17.95	
Bartlett's X2		10.513	10.991	5.708	9.929	9.929	
P(Bartlett's X2)		0.231	0.276	0.457	0.537	0.537	

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

Column 5: TY1 = 290.4\*[4]



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

### SOIL DESCRIPTION

% Sand: 94      % OM: 1.3      Texture: sand  
 % Silt: 2      pH: 5.8      Soil Name: \_\_\_\_\_  
 % Clay: 4      CEC: \_\_\_\_\_      Fert. Level: \_\_\_\_\_

### ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

### MOISTURE CONDITIONS

No.	Date	Time	Amount	Unit	Type	Interval	Unit
1.							

Overall Moisture Conditions: Dry (other than at planting)

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

### APPLICATION DESCRIPTION

	A	B
Application Date:	May-07-08	May-18-08
Time of Day:	7:00 pm	7:00 am
Application Method:	broadcast	broadcast
Application Timing:	preplant	3d pred
Applic. Placement:	on soil	on soil
Air Temp., Unit:	87 F	70 F
% Relative Humidity:	47	68
Wind Velocity, Unit:	3 mph	0 mph
Dew Presence (Y/N):	N	N
Water Hardness:		
Soil Temp., Unit:	91 F	70 F
Soil Moisture:	fair	moist
% Cloud Cover:	0	15

### CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	GOSHI A	GOSHI B
Stage Scale:	13d prepl	2d prepla
Height, Unit:	0 inch	0 inch

### WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code, Stage:	.	.
Stage Scale:	.	.
Density, Unit:	.	.

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## APPLICATION EQUIPMENT

	A	B
<b>Appl. Equipment:</b>	backpack	backpack
<b>Operating Pressure:</b>	24	24
<b>Nozzle Type:</b>	flat fan	flat fan
<b>Nozzle Size:</b>	11002	11002
<b>Nozzle Spacing, Unit:</b>	18 in	18 in
<b>Nozzles/Row:</b>	2	2
<b>Band Width, Unit:</b>		
<b>Boom Length, Unit:</b>	4.5 ft	4.5 ft
<b>Boom Height, Unit:</b>	15 in	15 in
<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>	15 GPA	15 GPA
<b>Spray pH:</b>		
<b>Propellant:</b>	CO2	CO2
<b>Tank Mix (Y/N):</b>	y	y

Trt No	Treatment Application Comment