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Cotton response to Envoke or Pix as PGRs.

Trial ID: C19-05
 Location: Ponder (5120)

Study Dir.: Culpepper
 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 Type	Rate Rate Unit	Grow Stg	Appl Code	Spray Volume	Amt to Measure	Product	Plot No. By Rep			
										1	2	3	4
1	No Pix or Envoke									101	204	309	412
2	Envoke	75	DF	0.1 oz wt/a	POST-1	A	7	0.214 g/mx		102	209	305	402
	NIS		L	0.25 % v/v	POST-1	A	7	4.999 ml/mx					
3	Pix	0.35	L	8 fl oz/a	POST-3	C	21	5.952 ml/mx		103	202	306	408
	NIS		L	0.25 % v/v	POST-3	C	21	4.999 ml/mx					
4	Envoke	75	DF	0.1 oz wt/a	POST-1	A	7	0.214 g/mx		104	203	301	407
	NIS		L	0.25 % v/v	POST-1	A	7	4.999 ml/mx					
	Pix	0.35	L	8 fl oz/a	POST-3	C	21	5.952 ml/mx					
	NIS		L	0.25 % v/v	POST-3	C	21	4.999 ml/mx					
5	Pix	0.35	L	16 fl oz/a	POST-3	C	21	11.9 ml/mx		105	206	312	410
	NIS		L	0.25 % v/v	POST-3	C	21	4.999 ml/mx					
6	Envoke	75	DF	0.1 oz wt/a	POST-1	A	7	0.214 g/mx		106	211	308	405
	NIS		L	0.25 % v/v	POST-1	A	7	4.999 ml/mx					
	Pix	0.35	L	16 fl oz/a	POST-3	C	21	11.9 ml/mx					
	NIS		L	0.25 % v/v	POST-3	C	21	4.999 ml/mx					
7	Pix	0.35	L	8 fl oz/a	POST-3	C	21	5.952 ml/mx		107	205	302	403
	NIS		L	0.25 % v/v	POST-3	C	21	4.999 ml/mx					
	Pix	0.35	L	12 fl oz/a	POST-4	D	31	6.048 ml/mx					
	NIS		L	0.25 % v/v	POST-4	D	31	4.999 ml/mx					
8	Envoke	75	DF	0.1 oz wt/a	POST-1	A	7	0.214 g/mx		108	207	310	401
	NIS		L	0.25 % v/v	POST-1	A	7	4.999 ml/mx					
	Pix	0.35	L	8 fl oz/a	POST-3	C	21	5.952 ml/mx					
	NIS		L	0.25 % v/v	POST-3	C	21	4.999 ml/mx					
	Pix	0.35	L	12 fl oz/a	POST-4	D	31	6.048 ml/mx					
	NIS		L	0.25 % v/v	POST-4	D	31	4.999 ml/mx					
9	Pix	0.35	L	6 fl oz/a	POST-2	B	14	6.696 ml/mx		109	212	307	411
	NIS		L	0.25 % v/v	POST-2	B	14	4.999 ml/mx					
	Pix	0.35	L	8 fl oz/a	POST-3	C	21	5.952 ml/mx					
	NIS		L	0.25 % v/v	POST-3	C	21	4.999 ml/mx					
	Pix	0.35	L	12 fl oz/a	POST-4	D	31	6.048 ml/mx					
	NIS		L	0.25 % v/v	POST-4	D	31	4.999 ml/mx					
10	Envoke	75	DF	0.1 oz wt/a	POST-1	A	7	0.214 g/mx		110	208	303	406
	NIS		L	0.25 % v/v	POST-1	A	7	4.999 ml/mx					
	Pix	0.35	L	6 fl oz/a	POST-2	B	14	6.696 ml/mx					
	NIS		L	0.25 % v/v	POST-2	B	14	4.999 ml/mx					
	Pix	0.35	L	8 fl oz/a	POST-3	C	21	5.952 ml/mx					
	NIS		L	0.25 % v/v	POST-3	C	21	4.999 ml/mx					
	Pix	0.35	L	12 fl oz/a	POST-4	D	31	6.048 ml/mx					
	NIS		L	0.25 % v/v	POST-4	D	31	4.999 ml/mx					
11	Envoke	75	DF	0.1 oz wt/a	POST-2	B	14	0.107 g/mx		111	210	304	409
	NIS		L	0.25 % v/v	POST-2	B	14	4.999 ml/mx					
12	Envoke	75	DF	0.1 oz wt/a	POST-2	B	14	0.107 g/mx		112	201	311	404
	NIS		L	0.25 % v/v	POST-2	B	14	4.999 ml/mx					
	Pix	0.35	L	6 fl oz/a	POST-2	B	14	6.696 ml/mx					
	Pix	0.35	L	8 fl oz/a	POST-3	C	21	5.952 ml/mx					
	NIS		L	0.25 % v/v	POST-3	C	21	4.999 ml/mx					
	Pix	0.35	L	12 fl oz/a	POST-4	D	31	6.048 ml/mx					
	NIS		L	0.25 % v/v	POST-4	D	31	4.999 ml/mx					

Sort Order: Treatment

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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 Type	Form Rate	Form Unit	Rate Stg	Grow Code	Appl Volume	Spray	Amt Product to Measure	Plot No. By Rep			
											1	2	3	4

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

Amount*	Unit	Treatment Name	Lot Code
1.605	g	Envoke 75 DF	
143.735	ml	NIS L	
144.760	ml	Pix 0.35 L	

- * 'Per area' calculations based on spray volume= 14.8,7,14,21,31 gal/ac, mix size= 2 liters (mix size basis).
- * Product amount calculations increased 25 % for overage adjustment.
- * 'Per volume' calculations use spray volume= 14.8,7,14,21,31 gal/ac, mix size= 2 liters.

Trial Comments

OBJECTIVE: Evaluate PGR effects of Envoke as compared to Pix.

PLANT HEIGHTS:

1. At 12 d after the POST 4 application, Envoke applied at POST 1 or POST 2 alone reduced plant growth 16%. This was a similar affect noted with Pix at 8 or 16 oz/A applied at POST 3.
2. By 37 d after the POST 4, Envoke effectivley replaced a single applicaiton of Pix (6 to 8 oz)
3. At harvest, similar trends were still noted but heights were more variable and no differences were statistically noted.

VISUAL RESPONSE:

1. At 15 d after the POST-4 application, growth reduction was similar among most Pix treatments. Less growth reduction was noted with Envoke applied alone. Plots treated with Envoke followed by Pix were generally shorter than the plots treated with the respective rates of Pix applied alone.
2. By late-season, no differences were noted.

SEED YIELD:

1. Yield differences were not noted.

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Cotton response to Envoke or Pix as PGRs.

Trial ID: C19-05

Study Dir.: Culpepper

Location: Ponder (5120)

Investigator: Stanley Culpepper

Weed Code	plant 1 GOSHI	plant 2 GOSHI	plant 3 GOSHI	plant 4 GOSHI	plant 5 GOSHI	plant 6 GOSHI	plant 7 GOSHI	plant 8 GOSHI			
Crop Code	ht	ht	ht	ht	ht	ht	ht	ht			
Rating Data Type	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Unit	Jun-20-05	Jun-20-05	Jun-20-05	Jun-20-05	Jun-20-05	Jun-20-05	Jun-20-05	Jun-20-05			
Rating Date	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A			
Trt-Eval Interval	# Subsamples, Dec.										
ARM Action Codes											
# Subsamples, Dec.											
Trt No.	Treatment Name	Rate	Unit	1	2	3	4	5	6	7	8
1	No Pix or Envoke			53	49	50	51	51	47	49	52
2	Envoke NIS	0.1 oz wt/a 0.25 % v/v		46	44	44	40	42	32	37	39
3	Pix NIS	8 fl oz/a 0.25 % v/v		45	44	47	43	44	43	46	44
4	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v		44	42	41	40	39	37	39	37
5	Pix NIS	16 fl oz/a 0.25 % v/v		47	47	47	46	47	46	46	49
6	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 16 fl oz/a 0.25 % v/v		51	48	48	48	43	42	47	46
7	Pix NIS Pix NIS	8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		41	36	43	45	43	41	41	42
8	Envoke NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		40	42	45	42	45	39	36	39
9	Pix NIS Pix NIS Pix NIS	6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		45	44	45	43	43	44	46	44
10	Envoke NIS Pix NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		37	38	41	39	40	44	44	41
11	Envoke NIS	0.1 oz wt/a 0.25 % v/v		37	33	37	38	35	37	39	40

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Weed Code	plant 1	plant 2	plant 3	plant 4	plant 5	plant 6	plant 7	plant 8
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm
Rating Date	Jun-20-05	Jun-20-05	Jun-20-05	Jun-20-05	Jun-20-05	Jun-20-05	Jun-20-05	Jun-20-05
Trt-Eval Interval	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A
ARM Action Codes								
# Subsamples, Dec.								
Trt Treatment	Rate							
No. Name	Rate Unit	1	2	3	4	5	6	7
12 Envoke	0.1 oz wt/a	29	32	33	34	34	39	38
NIS	0.25 % v/v							
Pix	6 fl oz/a							
Pix	8 fl oz/a							
NIS	0.25 % v/v							
Pix	12 fl oz/a							
NIS	0.25 % v/v							
LSD (P=.05)		9.1	12.0	10.2	9.7	9.7	10.1	10.6
Standard Deviation		6.3	8.3	7.1	6.7	6.7	7.0	7.4
CV		14.77	20.01	16.26	15.91	16.04	17.08	17.49

Means followed by same letter do not significantly differ (P=.05, LSD)

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Weed Code	plant 9	plant 10	Avg10pla	plant 1	plant 2	plant 3	plant 4	plant 5			
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI			
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Jun-20-05	Jun-20-05	Jun-20-05	Jun-28-05	Jun-28-05	Jun-28-05	Jun-28-05	Jun-28-05			
Trt-Eval Interval	14 DA-A	14 DA-A	14 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A			
ARM Action Codes			T1								
# Subsamples, Dec.			1								
Trt No.	Treatment Name	Rate	Unit	9	10	11	12	13	14	15	16
1	No Pix or Envoke			50	52	50.5	68	63	62	64	70
2	Envoke NIS	0.1 oz wt/a 0.25 % v/v		40	39	40.2	52	60	56	57	51
3	Pix NIS	8 fl oz/a 0.25 % v/v		50	48	45.3	57	62	58	52	51
4	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v		42	41	40.1	56	49	55	50	51
5	Pix NIS	16 fl oz/a 0.25 % v/v		48	47	46.9	52	49	53	52	54
6	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 16 fl oz/a 0.25 % v/v		45	44	46.2	52	54	55	55	53
7	Pix NIS Pix NIS	8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		39	39	41.0	49	45	49	51	51
8	Envoke NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		41	38	40.6	43	49	52	51	50
9	Pix NIS Pix NIS Pix NIS	6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		42	47	44.2	55	54	54	53	52
10	Envoke NIS Pix NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		37	36	39.5	47	47	45	45	46
11	Envoke NIS	0.1 oz wt/a 0.25 % v/v		42	40	37.8	47	51	50	52	52

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Weed Code	plant 9	plant 10	Avg10pla	plant 1	plant 2	plant 3	plant 4	plant 5
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm
Rating Date	Jun-20-05	Jun-20-05	Jun-20-05	Jun-28-05	Jun-28-05	Jun-28-05	Jun-28-05	Jun-28-05
Trt-Eval Interval	14 DA-A	14 DA-A	14 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A
ARM Action Codes			T1					
# Subsamples, Dec.			1					
Trt Treatment	Rate							
No. Name	Rate Unit	9	10	11	12	13	14	15
12 Envoke	0.1 oz wt/a	38	37	34.8	39	39	39	40
NIS	0.25 % v/v							
Pix	6 fl oz/a							
Pix	8 fl oz/a							
NIS	0.25 % v/v							
Pix	12 fl oz/a							
NIS	0.25 % v/v							
LSD (P=.05)		8.6	9.8	7.06	12.9	12.7	13.6	11.7
Standard Deviation		5.9	6.8	4.89	8.9	8.8	9.4	8.1
CV		13.9	16.12	11.58	17.41	16.94	18.12	15.61
								12.6
								8.7
								16.93

Means followed by same letter do not significantly differ (P=.05, LSD)

Column 11: T1 = @AVG([C1].[C10])

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Weed Code	plant 6 GOSHI	plant 7 GOSHI	plant 8 GOSHI	plant 9 GOSHI	plant 10 GOSHI	Avg10pla GOSHI	plant 1 GOSHI	plant 2 GOSHI			
Crop Code											
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Jun-28-05	Jun-28-05	Jun-28-05	Jun-28-05	Jun-28-05	Jun-28-05	Jul-08-05	Jul-08-05			
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	32 DA-A	32 DA-A			
ARM Action Codes						T2					
# Subsamples, Dec.						1					
Trt No.	Treatment Name	Rate	Unit	17	18	19	20	21	22	23	24
1	No Pix or Envoke			65	67	66	62	63	64.8	91	84
2	Envoke NIS	0.1 oz wt/a 0.25 % v/v		50	52	51	50	47	52.5	81	84
3	Pix NIS	8 fl oz/a 0.25 % v/v		54	52	52	56	58	54.9	87	85
4	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v		48	52	51	50	51	51.1	76	73
5	Pix NIS	16 fl oz/a 0.25 % v/v		54	54	57	56	47	52.7	74	71
6	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 16 fl oz/a 0.25 % v/v		53	52	50	49	42	51.4	76	76
7	Pix NIS Pix NIS	8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		49	51	50	47	51	49.3	67	60
8	Envoke NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		45	46	50	47	46	47.9	60	71
9	Pix NIS Pix NIS Pix NIS	6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		49	54	54	53	54	53.0	74	74
10	Envoke NIS Pix NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		47	46	46	45	46	45.9	66	66
11	Envoke NIS	0.1 oz wt/a 0.25 % v/v		44	52	53	51	54	50.6	70	74

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Weed Code	plant 6	plant 7	plant 8	plant 9	plant 10	Avg10pla	plant 1	plant 2			
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI			
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Jun-28-05	Jun-28-05	Jun-28-05	Jun-28-05	Jun-28-05	Jun-28-05	Jul-08-05	Jul-08-05			
Trt-Eval Interval	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	22 DA-A	32 DA-A	32 DA-A			
ARM Action Codes						T2					
# Subsamples, Dec.						1					
Trt No.	Treatment Name	Rate	Unit	17	18	19	20	21	22	23	24
12	Envoke	0.1	oz wt/a	42	42	42	43	45	40.9	55	56
	NIS	0.25	% v/v								
	Pix	6	fl oz/a								
	Pix	8	fl oz/a								
	NIS	0.25	% v/v								
	Pix	12	fl oz/a								
	NIS	0.25	% v/v								
LSD (P=.05)		13.1		12.7	12.5	13.9	14.6	11.02	15.1	17.4	
Standard Deviation		9.1		8.8	8.6	9.6	10.1	7.63	10.4	12.0	
CV		18.21		16.99	16.73	19.01	20.14	14.9	14.31	16.58	

Means followed by same letter do not significantly differ (P=.05, LSD)

Column 22: T2 = @AVG([C12].[C21])

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Weed Code		plant 3	plant 4	plant 5	plant 6	plant 7	plant 8	plant 9	plant 10		
Crop Code		GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
Rating Data Type		ht	ht	ht	ht	ht	ht	ht	ht		
Rating Unit		cm	cm	cm	cm	cm	cm	cm	cm		
Rating Date		Jul-08-05	Jul-08-05	Jul-08-05	Jul-08-05	Jul-08-05	Jul-08-05	Jul-08-05	Jul-08-05		
Trt-Eval Interval		32 DA-A	32 DA-A	32 DA-A	32 DA-A	32 DA-A	32 DA-A	32 DA-A	32 DA-A		
ARM Action Codes											
# Subsamples, Dec.											
Trt No.	Treatment Name	Rate	Unit	25	26	27	28	29	30	31	32
1	No Pix or Envoke			85	91	94	96	90	93	89	89
2	Envoke NIS	0.1 oz wt/a 0.25 % v/v		79	78	72	74	73	73	76	74
3	Pix NIS	8 fl oz/a 0.25 % v/v		81	79	81	79	78	78	80	81
4	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v		68	66	67	65	64	67	63	63
5	Pix NIS	16 fl oz/a 0.25 % v/v		75	73	69	74	75	72	74	71
6	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 16 fl oz/a 0.25 % v/v		74	68	72	74	73	70	70	69
7	Pix NIS Pix NIS	8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		62	69	69	66	65	65	64	66
8	Envoke NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		65	64	59	60	61	63	61	53
9	Pix NIS Pix NIS Pix NIS	6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		69	68	74	75	70	71	70	71
10	Envoke NIS Pix NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		64	65	64	63	60	61	57	65
11	Envoke NIS	0.1 oz wt/a 0.25 % v/v		74	77	78	79	79	79	81	77

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Weed Code		plant 3	plant 4	plant 5	plant 6	plant 7	plant 8	plant 9	plant 10
Crop Code		GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI
Rating Data Type		ht	ht	ht	ht	ht	ht	ht	ht
Rating Unit		cm	cm	cm	cm	cm	cm	cm	cm
Rating Date		Jul-08-05	Jul-08-05	Jul-08-05	Jul-08-05	Jul-08-05	Jul-08-05	Jul-08-05	Jul-08-05
Trt-Eval Interval		32 DA-A	32 DA-A	32 DA-A	32 DA-A	32 DA-A	32 DA-A	32 DA-A	32 DA-A
ARM Action Codes									
# Subsamples, Dec.									
Trt Treatment	Rate								
No. Name	Rate Unit	25	26	27	28	29	30	31	32
12 Envoke	0.1 oz wt/a	53	56	58	59	57	58	57	60
NIS	0.25 % v/v								
Pix	6 fl oz/a								
Pix	8 fl oz/a								
NIS	0.25 % v/v								
Pix	12 fl oz/a								
NIS	0.25 % v/v								
LSD (P=.05)		16.9	16.5	18.2	14.5	15.0	13.4	13.5	17.4
Standard Deviation		11.7	11.4	12.6	10.0	10.4	9.3	9.4	12.1
CV		16.52	16.13	17.71	13.95	14.74	13.08	13.36	17.27

Means followed by same letter do not significantly differ (P=.05, LSD)

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Weed Code	Avg10pla	plant 1	plant 2	plant 3	plant 4	plant 5	plant 6	plant 7			
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI			
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Jul-08-05	Jul-20-05	Jul-20-05	Jul-20-05	Jul-20-05	Jul-20-05	Jul-20-05	Jul-20-05			
Trt-Eval Interval	32 DA-A	44 DA-A	44 DA-A	44 DA-A	44 DA-A	44 DA-A	44 DA-A	44 DA-A			
ARM Action Codes	T3										
# Subsamples, Dec.	1										
Trt No.	Treatment Name	Rate	Unit	33	34	35	36	37	38	39	40
1	No Pix or Envoke			90.1	107	105	105	105	105	108	104
2	Envoke NIS	0.1 oz wt/a 0.25 % v/v		76.3	93	91	91	89	91	92	86
3	Pix NIS	8 fl oz/a 0.25 % v/v		80.8	98	96	97	92	105	95	98
4	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v		67.1	84	85	87	89	86	84	82
5	Pix NIS	16 fl oz/a 0.25 % v/v		72.7	91	86	95	90	86	85	88
6	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 16 fl oz/a 0.25 % v/v		72.0	97	93	91	91	88	94	90
7	Pix NIS Pix NIS	8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		65.2	82	79	77	76	80	82	76
8	Envoke NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		61.6	76	70	71	76	77	78	76
9	Pix NIS Pix NIS Pix NIS	6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		71.4	89	85	89	85	86	83	83
10	Envoke NIS Pix NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		62.9	80	78	74	74	74	72	72
11	Envoke NIS	0.1 oz wt/a 0.25 % v/v		76.7	94	94	96	95	95	96	90

University of Georgia

Weed Code	Avg10pla	plant 1	plant 2	plant 3	plant 4	plant 5	plant 6	plant 7			
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI			
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Jul-08-05	Jul-20-05	Jul-20-05	Jul-20-05	Jul-20-05	Jul-20-05	Jul-20-05	Jul-20-05			
Trt-Eval Interval	32 DA-A	44 DA-A	44 DA-A	44 DA-A	44 DA-A	44 DA-A	44 DA-A	44 DA-A			
ARM Action Codes	T3										
# Subsamples, Dec.	1										
Trt No.	Treatment Name	Rate	Unit	33	34	35	36	37	38	39	40
12	Envoke	0.1	oz wt/a	56.8	75	73	77	78	77	76	75
	NIS	0.25	% v/v								
	Pix	6	fl oz/a								
	Pix	8	fl oz/a								
	NIS	0.25	% v/v								
	Pix	12	fl oz/a								
	NIS	0.25	% v/v								
LSD (P=.05)		13.69		16.5	14.5	16.3	14.7	18.8	17.8	19.6	
Standard Deviation		9.48		11.4	10.0	11.3	10.2	13.1	12.3	13.6	
CV		13.33		12.91	11.61	12.93	11.77	14.95	14.18	15.99	

Means followed by same letter do not significantly differ (P=.05, LSD)

Column 33: T3 = @AVG([C23].[C32])

University of Georgia

Weed Code	plant 8 GOSHI	plant 9 GOSHI	plant 10 GOSHI	Avg10pla GOSHI	plant 1 GOSHI	plant 2 GOSHI	plant 3 GOSHI	plant 4 GOSHI			
Crop Code											
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Jul-20-05	Jul-20-05	Jul-20-05	Jul-20-05	Jul-29-05	Jul-29-05	Jul-29-05	Jul-29-05			
Trt-Eval Interval	44 DA-A	44 DA-A	44 DA-A	44 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A			
ARM Action Codes				T4							
# Subsamples, Dec.				1							
Trt No.	Treatment Name	Rate	Unit	41	42	43	44	45	46	47	48
1	No Pix or Envoke			107	102	111	105.8	108	112	113	116
2	Envoke NIS	0.1 oz wt/a 0.25 % v/v		91	90	88	90.1	99	95	96	91
3	Pix NIS	8 fl oz/a 0.25 % v/v		102	95	99	97.5	107	103	97	95
4	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v		85	83	84	84.9	91	86	87	88
5	Pix NIS	16 fl oz/a 0.25 % v/v		85	85	87	87.7	92	91	96	94
6	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 16 fl oz/a 0.25 % v/v		93	94	93	92.3	91	95	97	99
7	Pix NIS Pix NIS	8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		76	76	83	78.5	83	82	86	87
8	Envoke NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		69	70	70	73.1	86	86	89	86
9	Pix NIS Pix NIS Pix NIS	6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		85	82	85	84.9	99	99	100	96
10	Envoke NIS Pix NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		74	74	75	74.6	84	86	80	80
11	Envoke NIS	0.1 oz wt/a 0.25 % v/v		88	90	94	93.1	98	95	98	98

University of Georgia

Weed Code	plant 8	plant 9	plant 10	Avg10pla	plant 1	plant 2	plant 3	plant 4
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm
Rating Date	Jul-20-05	Jul-20-05	Jul-20-05	Jul-20-05	Jul-29-05	Jul-29-05	Jul-29-05	Jul-29-05
Trt-Eval Interval	44 DA-A	44 DA-A	44 DA-A	44 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A
ARM Action Codes				T4				
# Subsamples, Dec.				1				
Trt Treatment								
No. Name	41	42	43	44	45	46	47	48
Rate								
Unit								
12 Envoke	76	77	76	75.8	82	81	81	76
NIS								
Pix								
Pix								
NIS								
Pix								
NIS								
LSD (P=.05)	18.5	16.9	18.9	14.34	17.4	15.8	17.7	17.2
Standard Deviation	12.8	11.7	13.1	9.93	12.1	11.0	12.2	11.9
CV	14.97	13.81	15.07	11.48	12.95	11.84	13.12	12.96

Means followed by same letter do not significantly differ (P=.05, LSD)

Column 44: T4 = @AVG([C34].[C43])

University of Georgia

Weed Code	plant 5	plant 6	plant 7	plant 8	plant 9	plant 10	Avg10pla	plant 1			
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI			
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Jul-29-05	Jul-29-05	Jul-29-05	Jul-29-05	Jul-29-05	Jul-29-05	Jul-29-05	Aug-05-05			
Trt-Eval Interval	53 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A	60 DA-A			
ARM Action Codes							T5				
# Subsamples, Dec.							1				
Trt No.	Treatment Name	Rate	Unit	49	50	51	52	53	54	55	56
1	No Pix or Envoke			110	110	113	110	112	100	110.2	106
2	Envoke NIS	0.1 oz wt/a 0.25 % v/v		89	88	84	90	93	97	92.3	98
3	Pix NIS	8 fl oz/a 0.25 % v/v		106	106	105	105	106	109	103.9	101
4	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v		87	87	90	89	88	85	87.6	88
5	Pix NIS	16 fl oz/a 0.25 % v/v		97	99	95	91	90	90	93.3	93
6	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 16 fl oz/a 0.25 % v/v		98	99	96	94	89	91	94.9	103
7	Pix NIS Pix NIS	8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		84	84	78	83	86	84	83.6	90
8	Envoke NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		78	87	78	75	85	85	83.2	90
9	Pix NIS Pix NIS Pix NIS	6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		97	96	95	90	93	91	95.5	102
10	Envoke NIS Pix NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		79	79	80	80	81	78	80.5	90
11	Envoke NIS	0.1 oz wt/a 0.25 % v/v		103	97	101	97	90	92	96.8	94

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Weed Code	plant 5	plant 6	plant 7	plant 8	plant 9	plant 10	Avg10pla	plant 1	
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht	
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm	
Rating Date	Jul-29-05	Jul-29-05	Jul-29-05	Jul-29-05	Jul-29-05	Jul-29-05	Jul-29-05	Aug-05-05	
Trt-Eval Interval	53 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A	53 DA-A	60 DA-A	
ARM Action Codes							T5		
# Subsamples, Dec.							1		
Trt Treatment									
No. Name	49	50	51	52	53	54	55	56	
Rate Unit									
12 Envoke	0.1 oz wt/a	83	80	79	75	80	81	79.8	84
NIS	0.25 % v/v								
Pix	6 fl oz/a								
Pix	8 fl oz/a								
NIS	0.25 % v/v								
Pix	12 fl oz/a								
NIS	0.25 % v/v								
LSD (P=.05)	19.8	15.4	15.9	15.5	16.5	16.8	13.67	18.3	
Standard Deviation	13.7	10.7	11.0	10.7	11.5	11.7	9.46	12.7	
CV	14.86	11.56	12.09	11.92	12.59	12.93	10.31	13.36	

Means followed by same letter do not significantly differ (P=.05, LSD)

Column 55: T5 = @AVG([C45].[C54])

University of Georgia

Weed Code	plant 2	plant 3	plant 4	plant 5	plant 6	plant 7	plant 8	plant 9			
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI			
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Aug-05-05	Aug-05-05	Aug-05-05	Aug-05-05	Aug-05-05	Aug-05-05	Aug-05-05	Aug-05-05			
Trt-Eval Interval	60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A			
ARM Action Codes											
# Subsamples, Dec.											
Trt No.	Treatment Name	Rate	Unit	57	58	59	60	61	62	63	64
1	No Pix or Envoke			110	109	103	114	108	111	111	111
2	Envoke NIS	0.1 oz wt/a 0.25 % v/v		97	89	92	94	100	101	101	95
3	Pix NIS	8 fl oz/a 0.25 % v/v		103	100	95	107	106	97	105	104
4	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v		91	88	88	89	93	87	94	94
5	Pix NIS	16 fl oz/a 0.25 % v/v		101	107	104	104	99	96	99	92
6	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 16 fl oz/a 0.25 % v/v		102	96	105	100	96	95	98	101
7	Pix NIS Pix NIS	8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		92	85	84	83	87	85	87	85
8	Envoke NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		83	90	90	76	81	81	83	86
9	Pix NIS Pix NIS Pix NIS	6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		97	97	95	92	94	94	93	94
10	Envoke NIS Pix NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		82	83	79	81	75	84	77	82
11	Envoke NIS	0.1 oz wt/a 0.25 % v/v		96	97	99	99	103	103	103	96

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Weed Code		plant 2	plant 3	plant 4	plant 5	plant 6	plant 7	plant 8	plant 9		
Crop Code		GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI		
Rating Data Type		ht	ht	ht	ht	ht	ht	ht	ht		
Rating Unit		cm	cm	cm	cm	cm	cm	cm	cm		
Rating Date		Aug-05-05	Aug-05-05	Aug-05-05	Aug-05-05	Aug-05-05	Aug-05-05	Aug-05-05	Aug-05-05		
Trt-Eval Interval		60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A	60 DA-A		
ARM Action Codes											
# Subsamples, Dec.											
Trt No.	Treatment Name	Rate	Unit								
				57	58	59	60	61	62	63	64
12	Envoke	0.1	oz wt/a	83	82	84	83	86	85	81	83
	NIS	0.25	% v/v								
	Pix	6	fl oz/a								
	Pix	8	fl oz/a								
	NIS	0.25	% v/v								
	Pix	12	fl oz/a								
	NIS	0.25	% v/v								
LSD (P=.05)				15.5	15.6	19.9	18.2	19.4	19.8	16.0	18.0
Standard Deviation				10.7	10.8	13.8	12.6	13.4	13.7	11.1	12.4
CV				11.36	11.6	14.8	13.48	14.29	14.74	11.75	13.32

Means followed by same letter do not significantly differ (P=.05, LSD)

University of Georgia

Weed Code	plant 10	Avg10pla	plant 1	plant 2	plant 3	plant 4	plant 5	plant 6			
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI			
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Aug-05-05	Aug-05-05	Aug-11-05	Aug-11-05	Aug-11-05	Aug-11-05	Aug-11-05	Aug-11-05			
Trt-Eval Interval	60 DA-A	60 DA-A	66 DA-A	66 DA-A	66 DA-A	66 DA-A	66 DA-A	66 DA-A			
ARM Action Codes											
# Subsamples, Dec.		T6 1									
Trt No.	Treatment Name	Rate	Unit	65	66	67	68	69	70	71	72
1	No Pix or Envoke			116	109.7	104	98	103	104	105	109
2	Envoke NIS	0.1 oz wt/a 0.25 % v/v		97	96.3	98	98	98	97	93	101
3	Pix NIS	8 fl oz/a 0.25 % v/v		99	101.7	109	111	110	101	110	107
4	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v		88	89.8	92	91	89	91	93	96
5	Pix NIS	16 fl oz/a 0.25 % v/v		93	98.7	94	94	100	101	90	92
6	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 16 fl oz/a 0.25 % v/v		99	99.5	107	106	103	104	97	107
7	Pix NIS Pix NIS	8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		83	85.9	91	89	85	86	91	91
8	Envoke NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		76	83.4	97	94	90	86	99	94
9	Pix NIS Pix NIS Pix NIS	6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		97	95.4	102	97	99	103	101	102
10	Envoke NIS Pix NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		83	81.4	88	86	89	86	95	87
11	Envoke NIS	0.1 oz wt/a 0.25 % v/v		101	99.0	103	107	102	110	107	110

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Weed Code	plant 10	Avg10pla	plant 1	plant 2	plant 3	plant 4	plant 5	plant 6	
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht	
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm	
Rating Date	Aug-05-05	Aug-05-05	Aug-11-05	Aug-11-05	Aug-11-05	Aug-11-05	Aug-11-05	Aug-11-05	
Trt-Eval Interval	60 DA-A	60 DA-A	66 DA-A	66 DA-A	66 DA-A	66 DA-A	66 DA-A	66 DA-A	
ARM Action Codes		T6							
# Subsamples, Dec.		1							
Trt Treatment	Rate								
No. Name	Rate Unit	65	66	67	68	69	70	71	72
12 Envoke	0.1 oz wt/a	83	83.3	95	85	87	88	82	83
NIS	0.25 % v/v								
Pix	6 fl oz/a								
Pix	8 fl oz/a								
NIS	0.25 % v/v								
Pix	12 fl oz/a								
NIS	0.25 % v/v								
LSD (P=.05)		19.3	14.78	18.7	18.3	19.5	20.8	19.1	21.5
Standard Deviation		13.4	10.23	13.0	12.6	13.5	14.4	13.2	14.9
CV		14.4	10.93	13.22	13.14	14.03	14.94	13.64	15.18

Means followed by same letter do not significantly differ (P=.05, LSD)

Column 66: T6 = @AVG([C56].[C65])

University of Georgia

Weed Code	plant 7 GOSHI	plant 8 GOSHI	plant 9 GOSHI	plant 10 GOSHI	Avg10pla GOSHI	plant 1 GOSHI	plant 2 GOSHI	plant 3 GOSHI			
Crop Code											
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Aug-11-05	Aug-11-05	Aug-11-05	Aug-11-05	Aug-11-05	Sep-15-05	Sep-15-05	Sep-15-05			
Trt-Eval Interval	66 DA-A	66 DA-A	66 DA-A	66 DA-A	66 DA-A	101 DA-A	101 DA-A	101 DA-A			
ARM Action Codes											
# Subsamples, Dec.					T7 1						
Trt No.	Treatment Name	Rate	Unit	73	74	75	76	77	78	79	80
1	No Pix or Envoke			114	109	118	123	108.6	118	100	98
2	Envoke NIS	0.1 oz wt/a 0.25 % v/v		107	103	96	94	98.4	85	83	90
3	Pix NIS	8 fl oz/a 0.25 % v/v		109	111	111	106	108.3	97	95	99
4	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v		98	97	93	96	93.4	88	90	87
5	Pix NIS	16 fl oz/a 0.25 % v/v		92	94	94	94	94.4	99	95	93
6	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 16 fl oz/a 0.25 % v/v		101	106	109	102	104.0	107	107	105
7	Pix NIS Pix NIS	8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		93	85	88	87	88.3	81	85	85
8	Envoke NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		98	98	92	94	94.2	95	102	103
9	Pix NIS Pix NIS Pix NIS	6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		97	95	94	93	98.2	98	99	92
10	Envoke NIS Pix NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		85	89	82	86	87.2	83	85	86
11	Envoke NIS	0.1 oz wt/a 0.25 % v/v		104	100	81	94	101.7	93	90	93

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Weed Code	plant 7	plant 8	plant 9	plant 10	Avg10pla	plant 1	plant 2	plant 3	
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht	
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm	
Rating Date	Aug-11-05	Aug-11-05	Aug-11-05	Aug-11-05	Aug-11-05	Sep-15-05	Sep-15-05	Sep-15-05	
Trt-Eval Interval	66 DA-A	66 DA-A	66 DA-A	66 DA-A	66 DA-A	101 DA-A	101 DA-A	101 DA-A	
ARM Action Codes					T7				
# Subsamples, Dec.					1				
Trt Treatment	Rate								
No. Name	Rate Unit	73	74	75	76	77	78	79	80
12 Envoke	0.1 oz wt/a	87	86	88	88	86.8	94	91	94
NIS	0.25 % v/v								
Pix	6 fl oz/a								
Pix	8 fl oz/a								
NIS	0.25 % v/v								
Pix	12 fl oz/a								
NIS	0.25 % v/v								
LSD (P=.05)		18.5	18.0	23.3	25.5	16.06	22.1	21.9	17.1
Standard Deviation		12.8	12.5	16.2	17.7	11.12	15.3	15.1	11.8
CV		12.97	12.78	16.96	18.35	11.47	16.19	16.19	12.65

Means followed by same letter do not significantly differ (P=.05, LSD)

Column 77: T7 = @AVG([C67].[C76])

University of Georgia

Weed Code	plant 4	plant 5	plant 6	plant 7	plant 8	plant 9	plant 10	Avg10pla			
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI			
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht			
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm			
Rating Date	Sep-15-05	Sep-15-05	Sep-15-05	Sep-15-05	Sep-15-05	Sep-15-05	Sep-15-05	Sep-15-05			
Trt-Eval Interval	101 DA-A	101 DA-A	101 DA-A	101 DA-A	101 DA-A	101 DA-A	101 DA-A	101 DA-A			
ARM Action Codes								T8			
# Subsamples, Dec.								1			
Trt No.	Treatment Name	Rate	Unit	81	82	83	84	85	86	87	88
1	No Pix or Envoke			112	106	110	110	110	108	113	108.4
2	Envoke NIS	0.1 oz wt/a 0.25 % v/v		99	92	98	90	98	88	88	91.1
3	Pix NIS	8 fl oz/a 0.25 % v/v		99	101	103	99	97	94	103	98.6
4	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v		76	78	78	79	92	88	80	83.3
5	Pix NIS	16 fl oz/a 0.25 % v/v		90	90	89	92	95	95	99	93.6
6	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 16 fl oz/a 0.25 % v/v		106	104	99	106	106	100	99	103.8
7	Pix NIS Pix NIS	8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		93	87	85	81	81	83	86	84.6
8	Envoke NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		93	99	95	97	93	91	94	96.1
9	Pix NIS Pix NIS Pix NIS	6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		100	101	101	97	98	110	97	99.1
10	Envoke NIS Pix NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		88	87	83	81	83	82	81	83.7
11	Envoke NIS	0.1 oz wt/a 0.25 % v/v		108	94	99	97	97	103	104	97.8

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Weed Code	plant 4	plant 5	plant 6	plant 7	plant 8	plant 9	plant 10	Avg10pla
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI
Rating Data Type	ht	ht	ht	ht	ht	ht	ht	ht
Rating Unit	cm	cm	cm	cm	cm	cm	cm	cm
Rating Date	Sep-15-05	Sep-15-05	Sep-15-05	Sep-15-05	Sep-15-05	Sep-15-05	Sep-15-05	Sep-15-05
Trt-Eval Interval	101 DA-A	101 DA-A	101 DA-A	101 DA-A	101 DA-A	101 DA-A	101 DA-A	101 DA-A
ARM Action Codes								T8
# Subsamples, Dec.								1
Trt Treatment	Rate							
No. Name	Rate Unit	81	82	83	84	85	86	87
12 Envoke	0.1 oz wt/a	87	82	82	84	95	87	86
NIS	0.25 % v/v							
Pix	6 fl oz/a							
Pix	8 fl oz/a							
NIS	0.25 % v/v							
Pix	12 fl oz/a							
NIS	0.25 % v/v							
LSD (P=.05)		22.8	21.7	20.2	20.3	23.0	20.1	21.7
Standard Deviation		15.8	15.0	14.0	14.1	15.9	13.9	15.0
CV		16.5	16.09	14.98	15.2	16.67	14.84	15.94
								88.2

Means followed by same letter do not significantly differ (P=.05, LSD)

Column 88: T8 = @AVG([78].[87])

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Weed Code				Seed Yld	Seed Yld			
Crop Code		GOSHI	GOSHI	GOSHI	GOSHI			
Rating Data Type		stunt	stunt	wt	wt			
Rating Unit		percent	percent	lb/plot	lb/acre			
Rating Date		Jun-22-05	Jul-11-05	Sep-28-05	Sep-28-05			
Trt-Eval Interval		16 DA-A	35 DA-A	114 DA-A	114 DA-A			
ARM Action Codes					TY9			
# Subsamples, Dec.					1			
Trt No.	Treatment Name	Rate	Unit	89	90	91	92	93
1	No Pix or Envoke			0	0	0	10	2857.5
2	Envoke NIS	0.1 oz wt/a 0.25 % v/v		11	13	9	9	2692.0
3	Pix NIS	8 fl oz/a 0.25 % v/v		4	15	8	11	3322.2
4	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v		11	23	6	10	2941.8
5	Pix NIS	16 fl oz/a 0.25 % v/v		8	15	14	11	3306.2
6	Envoke NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 16 fl oz/a 0.25 % v/v		10	21	5	11	3291.7
7	Pix NIS Pix NIS	8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		7	19	14	10	2768.2
8	Envoke NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		12	24	8	11	3243.8
9	Pix NIS Pix NIS Pix NIS	6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		6	16	10	10	2992.6
10	Envoke NIS Pix NIS Pix NIS Pix NIS	0.1 oz wt/a 0.25 % v/v 6 fl oz/a 0.25 % v/v 8 fl oz/a 0.25 % v/v 12 fl oz/a 0.25 % v/v		14	26	15	9	2648.4
11	Envoke NIS	0.1 oz wt/a 0.25 % v/v		11	9	9	10	2854.6

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Weed Code				Seed Yld	Seed Yld
Crop Code	GOSHI	GOSHI	GOSHI	GOSHI	GOSHI
Rating Data Type	stunt	stunt	stunt	wt	wt
Rating Unit	percent	percent	percent	lb/plot	lb/acre
Rating Date	Jun-22-05	Jul-11-05	Sep-17-05	Sep-28-05	Sep-28-05
Trt-Eval Interval	16 DA-A	35 DA-A	103 DA-A	114 DA-A	114 DA-A
ARM Action Codes					TY9
# Subsamples, Dec.					1
Trt Treatment					
No. Name Rate Unit	89	90	91	92	93
12 Envoke 0.1 oz wt/a	19	25	16	10	2975.1
NIS 0.25 % v/v					
Pix 6 fl oz/a					
Pix 8 fl oz/a					
NIS 0.25 % v/v					
Pix 12 fl oz/a					
NIS 0.25 % v/v					
LSD (P=.05)	5.6	9.2	9.4	2.0	579.99
Standard Deviation	3.9	6.4	6.5	1.4	401.68
CV	41.74	37.43	69.22	13.43	13.43

Means followed by same letter do not significantly differ (P=.05, LSD)

Column 93: TY9 = 290.4*[92]

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

SOIL DESCRIPTION

% Sand: 94 % OM: 1.1 Texture: sand
 % Silt: 2 pH: 5.9 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: irrigated

Closest Weather Station: _____ Distance: _____ Unit: __

APPLICATION DESCRIPTION

	A	B	C	D
Application Date:	Jun-06-05	Jun-13-05	Jun-19-05	Jun-27-05
Time of Day:	2 pm	9 am	2 pm	4 pm
Application Method:	broadcast	broadcast	broadcast	broadcast
Application Timing:	POST-1	POST-2	POST-3	POST-4
Applic. Placement:	overtop	overtop	overtop	overtop
Air Temp., Unit:	88 F	86 F	85 F	88 F
% Relative Humidity:	57	60	56	64
Wind Velocity, Unit:	2 mph	2 mph	2 mph	3 mph
Dew Presence (Y/N):	n	n	n	n
Water Hardness:				
Soil Temp., Unit:	94 F	83 F	82 F	92 F
Soil Moisture:	wet	wet	fair	wet
% Cloud Cover:	60	30	60	100

CROP STAGE AT EACH APPLICATION

	A	B	C	D
Crop 1 Code, Stage:	GOSHI POST-1	GOSHI POST-2	GOSHI POST-3	GOSHI POST-4
Stage Scale:	9 leaf	11 leaf	13 leaf	14-15leaf
Height, Unit:	11 inch	16 inch	20 inch	28 inch

WEED STAGE AT EACH APPLICATION

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

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APPLICATION EQUIPMENT

	A	B	C	D
Appl. Equipment:	backpack	backpack	backpack	backpack
Operating Pressure:	23	23	23	23
Nozzle Type:	flat fan	flat fan	flat fan	flat fan
Nozzle Size:	11002	11002	11002	11002
Nozzle Spacing, Unit:	18 inch	18 inch	18 inch	18 inch
Nozzles/Row:	2	2	2	2
Band Width, Unit:				
Boom Length, Unit:	4.5 feet	4.5 feet	4.5 feet	4.5 feet
Boom Height, Unit:	15 inch	15 inch	15 inch	15 inch
Ground Speed, Unit:	3 mph	3 mph	3 mph	3 mph
Incorporation Equip.:				
Hours to Incorp.:				
Incorp. Depth, Unit:				
Carrier:	water	water	water	water
Spray Volume, Unit:	14.8 GPA	14.8 GPA	14.8 GPA	14.8 GPA
Spray pH:				
Propellant:	CO2	CO2	CO2	CO2
Tank Mix (Y/N):	Y	Y	Y	Y

Trt No	Treatment Application Comment