

# University of Tennessee

## WEED CONTROL PROGRAMS IN CORN - Gibson Co.

Location: UT Ag Research and Education Center (Milan)

Variety: Pioneer 1319 (planted 4/1/15)

Application: Appl A 4/2/15; Appl B 5/7/15; CO2 pressurized backpack sprayer (15 gpa, 30 psi, AIXR 11003)

Plots: 7.5 ft x 30 ft (RCBD 4 reps)

Rating scale of 0 to 100 (% control)

Pest Name	Annl Grasses	Smooth pw	Teaweed	Annl Grasses	Smooth pw	Teaweed	Smooth pw
Rating Date	4/20/2015	4/20/2015	4/20/2015	5/14/2015	5/14/2015	5/14/2015	5/22/2015
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Trt-Eval Interval	21 DA-A	21 DA-A	21 DA-A	7 DA-B	7 DA-B	7 DA-B	15 DA-B
Treatment	Rate	Appl					
1 NONTREATED			0 b	0 b	0 b	0 c	0 c
2 CORVUS	3.3 oz/a	A	96 a	99 a	82 a	76 b	98 b
ATRAZINE	1 qt/a	A					
DIFLEXX	8 oz/a	B					
AATREX	1 qt/a	B					
DUAL II MAGNUM	1 pt/a	B					
COC	1 % v/v	B					
3 ZIDUA	2 oz/a	A	99 a	96 a	79 a	96 a	99 a
DIFLEXX	8 oz/a	B					
CAPRENO	3 oz/a	B					
AATREX	1 pt/a	B					
COC	1 % v/v	B					
4 ZIDUA	2 oz/a	A	99 a	99 a	79 a	99 a	99 a
DIFLEXX	8 oz/a	B					
LIBERTY 280	22 oz/a	B					
AATREX	1 pt/a	B					
COC	1 % v/v	B					
5 ZIDUA	2 oz/a	A	99 a	99 a	76 a	98 a	99 a
DIFLEXX	8 oz/a	B					
LIBERTY 280	22 oz/a	B					
ANTHEM	6 oz/a	B					
COC	1 % v/v	B					
6 ZIDUA	2 oz/a	A	99 a	99 a	79 a	99 a	99 a
DIFLEXX	8 oz/a	B					
CAPRENO	3 oz/a	B					
LIBERTY 280	22 oz/a	B					
7 ANTHEM	6 oz/a	A	99 a	99 a	84 a	99 a	99 a
LAUDIS	3 oz/a	B					
AATREX	1 pt/a	B					
COC	1 % v/v	B					
8 ANTHEM	6 oz/a	A	99 a	99 a	87 a	99 a	99 a
AATREX	1 pt/a	A					
DIFLEXX	8 oz/a	B					
LAUDIS	3 oz/a	B					
AATREX	1 pt/a	B					
COC	1 % v/v	B					
9 ANTHEM	6 oz/a	A	99 a	99 a	88 a	99 a	99 a
AATREX	1 pt/a	A					
DIFLEXX	8 oz/a	B					
LIBERTY 280	22 oz/a	B					
DUAL II MAGNUM	1 pt/a	B					
AATREX	1 pt/a	B					
10 ZIDUA	1.5 oz/a	A	99 a	98 a	81 a	99 a	99 a
DUAL II MAGNUM	1 pt/a	B					
LEXAR EZ	3 qt/a	B					
COC	1 % v/v	B					

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Teaweed 5/22/2015 CONTRO 15 DA-B	Broadleaf signal 5/22/2015 CONTRO 15 DA-B	Smooth pw 6/4/2015 CONTRO 28 DA-B	Pitted mg 6/4/2015 CONTRO 28 DA-B	Annl Grasses 6/4/2015 CONTRO 28 DA-B					
0	b	0	c	0	b	0	c		
79	a	76	b	80	a	79	a	80	b
82	a	99	a	86	a	90	a	97	a
81	a	95	a	84	a	88	a	87	ab
76	a	98	a	86	a	89	a	95	a
81	a	99	a	86	a	88	a	96	a
82	a	99	a	83	a	86	a	93	a
85	a	99	a	86	a	86	a	95	a
83	a	99	a	84	a	84	a	95	a
86	a	99	a	84	a	90	a	92	a