

University of Tennessee

Systems Program on Weed Control - Gibson co.

Location: UT Ag Research and Education Center (Milan)

Variety: PIONEER 1319 HR (planted: 4/1/15)

Application: Appl A 4/30/2015; CO2 pressurized backpack sprayer (15 GPA, 40 PSI, 11002 AIXR)

Plots: 10 ft x 30 ft (RCBD 4 Reps)

Rating scale of 0-100 (% control of weed)

Pest Name				Morning glory	Smooth pw	Annl Grasses	Goosegrass	Smooth pw	Teaweed					
Rating Date				5/6/2015	5/6/2015	5/6/2015	5/14/2015	5/14/2015	5/14/2015					
Rating Type				CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL					
Trt-Eval Interval				6 DA-A	6 DA-A	6 DA-A	14 DA-A	14 DA-A	14 DA-A					
Treatment	Rate	Appl												
1	NONTREATED		A	0.0	b	0.0	b	0.0	b	0.0	b	0.0	b	
2	IMPACT	0.75	fl oz/a	A	98.5	a	95.0	a	99.0	a	99.0	a	88.8	a
	SEQUENCE	2.5	pt/a	A										
	AATREX	1	qt/a	A										
	NIS	0.25	% v/v	A										
	AMS	8.5	lb/100 gal	A										
3	HALEX GT	3.6	pt/a	A	99.0	a	97.0	a	99.0	a	99.0	a	92.3	a
	AATREX	1	qt/a	A										
	NIS	0.25	% v/v	A										
	AMS	8.5	lb/100 gal	A										
4	IMPACT	0.75	fl oz/a	A	99.0	a	99.0	a	99.0	a	99.0	a	96.3	a
	ROUNDUP PMAX	22	oz/a	A										
	AATREX	1	qt/a	A										
	ZIDUA	2	oz/a	A										
	MSO	0.5	% v/v	A										
	AMS	8.5	lb/100 gal	A										

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

Pitted mg 5/14/2015 CONTROL 14 DA-A	Smooth pw 5/29/2015 CONTROL 29 DA-A	Pitted mg 5/29/2015 CONTROL 29 DA-A	Annl Grasses 5/29/2015 CONTROL 29 DA-A
0.0 b	0 c	0 b	0 b
94.3 a	84 b	84 a	97 a
99.0 a	92 ab	92 a	98 a
96.8 a	98 a	96 a	98 a