

University of Tennessee

SOYBEAN HERBICIDE PROGRAMS - Madison Co.

Location: West Tennessee Reseach and Education Center - Jackson

Variety: ASGROW 4633 RR - planted 5/12/15

Application: Appl A 5/13/15; Appl B 6/10/15; Appl C 6/15/15; CO2 pressurized backpk sprayer (15 gpa, 30 psi, 11003 AIXR)

Plots: 7.5 ft x 30 ft (RCBD, 4 Reps)

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

Pest Name	Palmer amaranth	Teaweed	Pitted mg	Palmer amaranth	Goosegrass	Pitted mg			
Rating Date	5/27/2015	5/27/2015	5/27/2015	6/15/2015	6/15/2015	6/15/2015			
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRC			
Trt-Eval Interval	14 DA-A	14 DA-A	14 DA-A	0 DA-C	0 DA-C	0 DA-C			
Trt	Treatment	Rate	Appl						
1	ENVIVE	3.5 oz/a	A	99 a	99 a	99 a	75 b	87 a	96
	FLUMIOXAZIN	1.00 oz ai/a	A						
	CHLORIMURON	0.322 oz ai/a	A						
	THIFENSULFURON	0.10 oz ai/a	A						
	ROUNDUP POWERMAX	22.00 fl oz/a	C						
	PREFIX	32.00 fl oz/a	C						
2	CANOPY	6.00 oz/a	A	74 b	95 a	98 a	32 d	96 a	97
	ROUNDUP POWERMAX	22.00 fl oz/a	C						
	PREFIX	32.00 fl oz/a	C						
3	CANOPY	5.00 oz/a	A	94 a	94 a	97 a	56 c	98 a	98
	CINCH	16.00 fl oz/a	A						
	ROUNDUP POWERMAX	22.00 fl oz/a	C						
	PREFIX	32.00 fl oz/a	C						
4	TRIVENCE	8 oz/a	A	99 a	99 a	99 a	83 ab	96 a	82
	CHLORIMURON	0.3125 oz ai/a	A						
	FLUMIOXAZIN	1.00 oz ai/a	A						
	SENCOR DF	3.56 oz ai/a	A						
	ROUNDUP POWERMAX	22.00 fl oz/a	C						
	PREFIX	32.00 fl oz/a	C						
5	ENVIVE	3.5 oz/a	A	99 a	99 a	99 a	92 a	98 a	94
	FLUMIOXAZIN	1.00 oz ai/a	A						
	CHLORIMURON	0.322 oz ai/a	A						
	THIFENSULFURON	0.10 oz ai/a	A						
	SEQUENCE	2.50 pt/a	B						
	CLASSIC	0.33 oz ai/a	B						
6	CANOPY	6.00 oz/a	A	77 b	93 a	97 a	52 c	98 a	94
	SEQUENCE	2.50 pt/a	B						
	CLASSIC	0.33 oz ai/a	B						
7	TRIVENCE	8 oz/a	A	99 a	99 a	99 a	91 a	98 a	92
	CHLORIMURON	0.3125 oz ai/a	A						
	FLUMIOXAZIN	1.00 oz ai/a	A						
	SENCOR DF	3.56 oz ai/a	A						
	SEQUENCE	2.50 pt/a	B						
	CLASSIC	0.33 oz ai/a	B						
8	BOUNDARY	1.5 pt/a	A	96 a	94 a	98 a	59 c	94 a	95
	SEQUENCE	2.5 pt/a	B						
	FLEXSTAR GT 3.5	3.5 pt/a	C						
9	NONTREATED			0 c	0 b	0 b	0 e	0 b	0

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

g	Palmer amaranth	
5	7/13/2015	
3	CONTRO	
	28 DA-C	
a	97	a
a	45	d
a	79	b
a	96	a
a	58	cd
a	3	e
a	63	c
a	56	cd
b	0	e