

University of Tennessee

EVALUATE FIERCE AND FIERCE XLT FOR WEED CONTROL IN A DICAMBA SYSTEM / XTEND SOYBEAN

Location: West TN Research and Education Center - Jackson

Variety: AG46x6 (planted 5/11/16)

Application: A 5/11/16; B 5/31/16 (CO2 pressurized bkpk sprayer 15 gpa; A - AIXR 003 27 psi, B- TTI 025 35 psi)

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

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

Pest Name	Palmer pw	L. crabgrass	Palmer pw	Pitted mg	Palmer pw
Rating Date	5/25/2016	5/25/2016	6/8/2016	6/8/2016	7/11/2016
Rating Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Trt-Eval Interval	14 DA-A	14 DA-A	8 DA-B	8 DA-B	41 DA-B
Treatment	Rate	Appl			
1 CHECK			0 b	0 b	0 e
2 ROUNDUP PMAX	32 oz/a	B	0 b	0 b	48 d
CLARITY	1 pt/a	B		91 b	
NIS	0.25 % v/v	B		85 a	
3 FIERCE	3 oz/a	A	99 a	99 a	70 bc
ROUNDUP PMAX	32 oz/a	B		99 a	
CLARITY	1 pt/a	B		99 a	
NIS	0.25 % v/v	B		91 a	
4 AUTHORITY ELITE	25 oz/a	A	99 a	99 a	84 ab
ROUNDUP PMAX	32 oz/a	B		99 a	
CLARITY	1 pt/a	B		99 a	
NIS	0.25 % v/v	B		91 a	
5 BOUNDARY	2 pt/a	A	99 a	99 a	61 c
ROUNDUP PMAX	32 oz/a	B		99 a	
CLARITY	1 pt/a	B		99 a	
NIS	0.25 % v/v	B		95 a	
6 PREFIX	1 qt/a	B	0 b	0 b	87 a
ROUNDUP PMAX	32 oz/a	B		99 a	
CLARITY	1 pt/a	B		99 a	
NIS	0.25 % v/v	B		90 a	
7 ROWEL	2 oz/a	A	99 a	99 a	75 abc
WARRANT	2 qt/a	A		99 a	
ROUNDUP PMAX	32 oz/a	B		99 a	
CLARITY	1 pt/a	B		99 a	
NIS	0.25 % v/v	B		98 a	

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