

University of Tennessee

ENGENIA SOYBEAN WEED CONTROL - Madison Co.

Variety: AG47x6

Application: A 4/18/16; B 5/5/16; C 5/16/16; D 5/24/16 (CO2 pressurized backpack sprayer; 15 gpa TT1 025 35 psi)

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

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

Pest Name	Palmer pw	Annl Gr.	Red sprtop.	Palmer pw	Palmer pw	Teaweed		
Rating Date	5/3/2016	5/3/2016	5/19/2016	5/19/2016	6/20/2016	6/20/2016		
Rating Type	CTRL	CTRL	CTRL	CTRL	CTRL	CTRL		
Trt-Eval Interval	15 DA-A	15 DA-A	14 DA-B	14 DA-B	27 DA-D	27 DA-D		
Treatment	Rate	Appl						
1 ROUNDUP PMX	32 fl oz/a	B	0 b	0 b	97 a	29 c	19 d	96 a
ROUNDUP PMX	32 fl oz/a	C						
2 ROUNDUP PMX	32 fl oz/a	A	65 a	67 a	89 a	92 a	82 ab	87 a
2,4-D 700 ESTER	16 fl oz/a	A						
BOUNDARY	32 fl oz/a	A						
PREFIX	32 fl oz/a	D						
ROUNDUP PMX	32 fl oz/a	D						
3 ROUNDUP PMX	32 fl oz/a	B	25	25 b	99 a	89 ab	94 a	93 a
ZIDUA	2 oz wt/a	B						
VERDICT	5 fl oz/a	B						
MSO	1 % v/v	B						
AMMON. SULF.	8.5 lb/100 gal	B						
ROUNDUP PMX	32 fl oz/a	D						
ENGENIA	12.8 fl oz/a	D						
OUTLOOK	12 fl oz/a	D						
4 ROUNDUP PMX	32 fl oz/a	B	0 b	0 b	99 a	76 ab	71 bc	90 a
ZIDUA	2 oz wt/a	B						
SHARPEN	1 fl oz/a	B						
MSO	1 % v/v	B						
AMS	8.5 lb/100 gal	B						
ROUNDUP PMX	32 fl oz/a	D						
ENGENIA	12.8 fl oz/a	D						
5 ROUNDUP PMX	32 fl oz/a	B	0 b	0 b	99 a	91 ab	93 a	89 a
ZIDUA	2 oz wt/a	B						
SHARPEN	1 fl oz/a	B						
SENCOR	5 oz wt/a	B						
MSO	1 % v/v	B						
AMS	8.5 lb/100 gal	B						
ROUNDUP PMX	32 fl oz/a	D						
ENGENIA	12.8 fl oz/a	D						
ZIDUA	1 oz wt/a	D						
6 ROUNDUP PMX	32 fl oz/a	A	75 a	81 a	67 b	56 bc	73 bc	96 a
2,4-D 700 ESTER	16 fl oz/a	A						
PREFIX	32 fl oz/a	D						
ROUNDUP PMX	32 fl oz/a	D						
7 ROUNDUP PMX	32 fl oz/a	B	0 b	0 b	89 a	65 ab	73 bc	89 a
ENGENIA	12.8 fl oz/a	B						
ENGENIA	12.8 fl oz/a	D						
ROUNDUP PMX	32 fl oz/a	D						
OUTLOOK	12 fl oz/a	D						
8 ROUNDUP PMX	32 fl oz/a	B	0 b	0 b	99 a	76 ab	91 a	81 a
ENGENIA	12.8 fl oz/a	B						
ZIDUA	2 oz wt/a	B						
ENGENIA	12.8 fl oz/a	D						
ROUNDUP PMX	32 fl oz/a	D						
OUTLOOK	12 fl oz/a	D						
9 ROUNDUP PMX	32 fl oz/a	B	0 b	0 b	99 a	70 ab	95 a	90 a
ENGENIA	12.8 fl oz/a	B						
SENCOR	5 oz wt/a	B						
ROUNDUP PMX	32 fl oz/a	D						

ENGENIA	12.8 fl oz/a	D						
ZIDUA	2 oz wt/a	D						
10 ROUNDUP PMX	32 fl oz/a	B	0 b	0 b	99 a	29 c	58 c	97 a
ROUNDUP PMX	32 fl oz/a	C						
ENGENIA	12.8 fl oz/a	C						
OUTLOOK	12 fl oz/a	C						

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