

University of Tennessee

ARMEZON PRO TANK MIX PARTNERS EFFICACY - Madison Co.

Location: West Tennessee Research and Education Center (Jackson)

Variety: Pioneer 1197 HR (planted 3/28/16)

Application: A 4/18/16; CO2 pressurized backpack sprayer (15 gpa, 27 psi, 11003 AIXR)

Plots: 7.5 ft x 10 ft (RCBD 4 reps)

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

Pest Name	P. amaranth	Annl Grass	P. amaranth	Red sprangletop	P. amaranth	Annl grass
Rating Date	4/28/2016	4/28/2016	5/9/2016	5/9/2016	5/30/2016	5/30/2016
Rating Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Trt-Eval Interval	10 DA-A	10 DA-A	21 DA-A	21 DA-A	42 DA-A	42 DA-A
Treatment	Rate	Appl				
1 NONTREATED			0 b	0 b	0 b	0 b
2 ARMEZON PRO	16 fl oz/a	A	99 a	99 a	99 a	90 a
AATREX	16 fl oz/a	A				
COC	1 % v/v	A				
AMS	8.5 lb/100 gal	A				
3 ARMEZON PRO	16 fl oz/a	A	99 a	99 a	99 a	98 a
AATREX	16 fl oz/a	A				
ROUNDUP PMAX	16 fl oz/a	A				
COC	1 % v/v	A				
AMS	8.5 lb/100 gal	A				
4 ARMEZON PRO	16 fl oz/a	A	99 a	99 a	99 a	87 a
AATREX	16 fl oz/a	A				
ROUNDUP PMAX	32 fl oz/a	A				
COC	1 % v/v	A				
AMS	8.5 lb/100 gal	A				
5 ARMEZON PRO	16 fl oz/a	A	99 a	99 a	99 a	95 a
CLARITY	6 fl oz/a	A				
ROUNDUP PMAX	32 fl oz/a	A				
NIS	0.25 % v/v	A				
AMS	8.5 lb/100 gal	A				
6 ACURON	48 fl oz/a	A	99 a	99 a	99 a	99 a
ROUNDUP PMAX	32 fl oz/a	A				
COC	1 % v/v	A				
AMS	8.5 lb/100 gal	A				
7 SURPASS	17.5 oz/a	A	99 a	99 a	99 a	96 a
CALLISTO	3 fl oz/a	A				
STINGER	2.5 fl oz/a	A				
ROUNDUP PMAX	32 fl oz/a	A				
NIS	0.25 % v/v	A				
AMS	8.5 lb/100 gal	A				
8 SURESTART	32 fl oz/a	A	99 a	99 a	99 a	94 a
ROUNDUP PMAX	32 fl oz/a	A				
NIS	0.25 % v/v	A				
AMS	8.5 lb/100 gal	A				
9 HALEX GT	57.6 fl oz/a	A	99 a	99 a	99 a	98 a
AATREX	16 fl oz/a	A				
ROUNDUP PMAX	5.3 fl oz/a	A				
NIS	0.25 % v/v	A				
AMS	8.5 lb/100 gal	A				
10 ARMEZON PRO	16 fl oz/a	A	99 a	99 a	99 a	85 a
AATREX	16 fl oz/a	A				
STATUS	2.5 oz wt/a	A				
ROUNDUP PMAX	32 fl oz/a	A				
COC	1 % v/v	A				
AMS	8.5 lb/100 gal	A				

Means followed by same letter do not significantly differ (P=.05, LSD)