

# University of Tennessee

## ANTHEM MAXX / SOLSTICE - CORN PRE/POST PROGRAM - Madison Co.

Location: West Tennessee research and Education Center (Jackson)

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

Application: A 3/29/16; B 4/28/16; CO2 pressurized backpack sprayer (15 gpa, 36 psi, 110025 AIXR)

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

Rating scale 0-100 (% control of weeds)

Pest Name			Annl grass	P. amaranth	Red sprangletop	Pitted mg	P. amaranth	Pitted mg	Annl grass
Rating Date			4/13/2016	5/13/2016	5/13/2016	5/13/2016	5/27/2016	5/27/2016	5/27/2016
Rating Type			CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Trt-Eval Interval			15 DA-A	15 DA-B	15 DA-B	15 DA-B	29 DA-B	29 DA-B	29 DA-B
Treatment	Rate	Appl							
1 NONTREATED			0 b	0 c	0 b	0 b	0 d	0 b	0 b
2 ANTHEM MAXX	3 oz/a	A	99 a	80 b	87 a	86 a	75 bc	81 a	82 a
AATREX	1 qt/a	A							
ROUNDUP PMAX	32 oz/a	B							
3 ANTHEM MAXX	2.5 oz/a	A	99 a	97 a	93 a	93 a	88 ab	89 a	91 a
SOLSTICE	2.5 oz/a	B							
AATREX	1 qt/a	B							
ROUNDUP PMAX	32 oz/a	B							
AGRIDEX	0.5 % v/v	B							
4 ANTHEM MAXX	3 oz/a	A	99 a	98 a	92 a	93 a	91 a	78 a	85 a
SOLSTICE	2.5 oz/a	B							
AATREX	1 qt/a	B							
ROUNDUP PMAX	32 oz/a	B							
AGRIDEX	0.5 % v/v	B							
5 ANTHEM MAXX	3 oz/a	A	99 a	97 a	96 a	94 a	76 bc	79 a	82 a
AATREX	1 qt/a	A							
SOLSTICE	2.5 oz/a	B							
AATREX	1 qt/a	B							
ROUNDUP PMAX	32 oz/a	B							
AGRIDEX	0.5 % v/v	B							
6 BICEP II MAGNUM	21 oz/a	B	25 b	96 a	97 a	95 a	91 a	72 a	88 a
SOLSTICE	2.5 oz/a	B							
AATREX	1 qt/a	B							
ROUNDUP PMAX	32 oz/a	B							
AGRIDEX	0.5 % v/v	B							
7 ACURON	2.5 qt/a	A	99 a	88 ab	92 a	86 a	67 c	84 a	83 a
ROUNDUP PMAX	32 oz/a	B							
8 SOLSTICE	3.15 oz/a	B	0 b	97 a	92 a	89 a	86 ab	81 a	87 a
AATREX	1 qt/a	B							
ROUNDUP PMAX	32 oz/a	B							
AGRIDEX	0.5 % v/v	B							
9 SOLSTICE	2.5 oz/a	B	0 b	98 a	98 a	94 a	89 ab	86 a	92 a
ANTHEM MAXX	2 oz/a	B							
ROUNDUP PMAX	32 oz/a	B							
AGRIDEX	0.5 % v/v	B							
10 SOLSTICE	2.5 oz/a	B	0 b	98 a	96 a	95 a	88 ab	81 a	87 a
ANTHEM MAXX	2 oz/a	B							
AATREX	1 qt/a	B							
ROUNDUP PMAX	32 oz/a	B							
AGRIDEX	0.5 % v/v	B							
11 HALEX GT	3.6 pt/a	B	0 b	99 a	99 a	98 a	97 a	89 a	97 a
AGRIDEX	1 % v/v	B							
12 ACURON	2.5 qt/a	B	0 b	98 a	99 a	97 a	97 a	78 a	93 a
ROUNDUP PMAX	32 oz/a	B							
AGRIDEX	0.5 % v/v	B							

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