

## University of Tennessee

CROP TOLERANCE, EFFICACY AND YIELD OF DAS HERBICIDE PRODUCT WEED CONTROL PROGRAMS IN RR FIELD CORN - Madison Co.

Location: West Tennessee Research and Education Center (Jackson)

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

Application: A 3/29/16; B 4/18/16; C 5/10/16; CO2 pressurized backpack sprayer (15 gpa, 36 psi, 110025 AIXR)

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

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

Pest Name	P. amaranth	Annl grass	Annl grass	P. amaranth	P. amaranth	Annl grass	Pitted morning		
Rating Date	4/12/2016	4/12/2016	5/9/2016	5/9/2016	5/30/2016	5/30/2016	5/30/2016		
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		
Trt-Eval Interval	14 DA-A	14 DA-A	21 DA-B	21 DA-B	20 DA-C	20 DA-C	20 DA-C		
Treatment	Rate	Appl							
1 FULTIME NXT	2.9 qt/a	A	99 a	99 a	95 a	90 a	89 b	95 a	83 a
DURANGO DM,	1 qt/a	C							
AATREX	1 qt/a	C							
2 DURANGO DM,	1 qt/a	A	99 a	99 a	74 b	43 c	95 ab	97 a	92 a
AATREX	1 qt/a	A							
RESICORE	1.25 qt/a	C							
DURANGO DM,	1.5 pt/a	C							
AATREX	1 qt/a	C							
3 RESICORE	1.25 qt/a	A	99 a	99 a	96 a	82 ab	98 a	98 a	91 a
AATREX	1 qt/a	A							
RESICORE	1.25 qt/a	C							
AATREX	1 qt/a	C							
4 RESICORE	2.25 qt/a	B	0 b	0 b	99 a	99 a	77 c	82 b	86 a
DURANGO DM,	1 qt/a	B							
AATREX	1 qt/a	B							
5 DURANGO DM,	1 qt/a	A	99 a	99 a	65 b	58 bc	98 a	98 a	94 a
AATREX	1 qt/a	A							
HALEX GT	3.6 qt/a	C							
DURANGO DM,	1 qt/a	C							
AATREX	1 qt/a	C							
6 NONTREATED			0 b	0 b	0 c	0 d	0 d	0 c	0

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