

University of Tennessee

ACURON FLEXI VS COMPETITORS FOR WEED CONTROL AND CORN TOLERANCE (SOILS <3% OM) - Madison Co.

Location: West Tennessee Research and Education Center (Jackson)

Variety: Pioneer 1319 (planted 3/28/16)

Application: A 3/29/16; CO2 pressurized bkpack sprayer (15 gpa, 30 psi, 11003 TTI)

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

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

Pest Name	Horseweed	Palmer amarant	Horseweed	Pitted morning
Rating Date	4/12/2016	6/2/2016	6/2/2016	6/2/2016
Rating Type	CONTROL	CONTROL	CONTROL	CONTROL
Trt-Eval Interval	14 DA-A	65 DA-A	65 DA-A	65 DA-A
Treatment	Rate	Appl		
1 NONTREATED			0 c	0 b
2 ACURON	2.5 qt/a	A	99 a	97 a
3 ACURON	2 qt/a	A	99 a	99 a
4 ACURON FLEX	2 qt/a	A	99 a	97 a
5 ACURON FLEX	1.51 qt/a	A	98 a	94 a
6 ACURON FLEX	2 qt/a	A	98 a	96 a
PRINCEP	1 qt/a	A		
7 LUMAX EZ	2.7 qt/a	A	98 a	87 a
8 LEXAR EX	3 qt/a	A	99 a	95 a
9 CALLISTO	4.7 oz/a	A	99 a	92 a
HARNESS	1.47 pt/a	A		
STINGER	3.2 oz/a	A		
10 CALLISTO	5.9 oz/a	A	99 a	99 a
HARNESS	1.84 pt/a	A		
STINGER	4 oz/a	A		
11 CORVUS	5.6 oz/a	A	88 b	92 a
12 CORVUS	5.6 oz/a	A	89 b	99 a
AATREX	1 qt/a	A		
13 VERDICT	0.5 qt/a	A	99 a	99 a
14 SURESTART II	3.02 pt/a	A	96 a	90 a
15 INSTIGATE	5.5 oz wt/a	A	99 a	85 a
CINCH ATZ LIT	1.5 qt/a	A		

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