

University of Tennessee

SCEPTER TANK MIXTURES FOR PRE APPLICATIONS IN SOYBEANS - Madison Co.

Location: West TN Research and Education Center - Jackson

Variety: LL4653 (planted 5/11/16)

Application: A 5/11/16 (CO2 pressurized backpack sprayer; 15 gpa AIXR 0025 36 psi)

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

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

Pest Name	Palmer PW	Morning glory	Palmer PW	Morning glory	Palmer PW	Morning glory
Rating Date	5/25/2016	5/25/2016	6/8/2016	6/8/2016	6/20/2016	6/20/2016
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Trt-Eval Interval	14 DA-A	14 DA-A	28 DA-A	28 DA-A	40 DA-A	40 DA-A
Treatment	Rate	Appl				
1 UNTREATED			0 c	0 c	0 c	0 c
2 SCEPTER	2.8 oz/a	A	66 b	98 a	54 c	94 a
3 BOUNDARY	1.5 pt/a	A	99 a	64 b	74 ab	53 b
4 DUAL MAGNUM	1 pt/a	A	99 a	89 a	72 ab	87 a
SCEPTER	2.1 oz/a	A				
5 DUAL MAGNUM	1 pt/a	A	98 a	96 a	87 a	91 a
SCEPTER	2.8 oz/a	A				
6 CANOPY DF	6 oz/a	A	97 a	93 a	60 bc	89 a
7 METRIBUZIN	0.5 lb/a	A	97 a	96 a	74 ab	94 a
SCEPTER	2.1 oz/a	A				
8 METRIBUZIN	0.5 lb/a	A	99 a	96 a	73 ab	89 a
SCEPTER	2.8 oz/a	A				
9 DUAL MAGNUM	1 pt/a	A	99 a	99 a	87 a	94 a
CANOPY DF	6 oz/a	A				
10 DUAL MAGNUM	1 pt/a	A	97 a	94 a	88 a	87 a
SCEPTER	2.1 oz/a	A				
METRIBUZIN	0.5 lb/a	A				
11 DUAL MAGNUM	1 pt/a	A	99 a	97 a	83 a	84 a
SCEPTER	2.8 oz/a	A				
METRIBUZIN	0.5 lb/a	A				

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