

# University of Tennessee

## SCEPTER POST-EMERGENCE TANK MIXTURES FOR RESIDUAL CONTROL OF WEEDS IN LL SOYBEANS

Location: Ag. Research Center - Milan

Variety: Beck 424L4 (planted 5/23/16)

Application: A 6/8/16 (Co2 pressurized backpack sprayer 15 gpa AIXR 003 27 psi)

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

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

Pest Name	Smooth pw	Mglory	Teawd	Smooth pw	Mglory	Teawd
Rating Date	6/22/2016	6/22/2016	6/22/2016	7/6/2016	7/6/2016	7/6/2016
Rating Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Trt-Eval Interval	14 DA-A	14 DA-A	14 DA-A	28 DA-A	28 DA-A	28 DA-A
Treatment	Rate	Appl				
1 NONTREATED			0 b	0 b	0 c	0 d
2 LIBERTY	29 oz/a	A	87 a	90 a	86 ab	79 c
AMS	8.5 lb/100 gal	A				83 ab
3 LIBERTY	29 oz/a	A	99 a	72 a	96 ab	98 ab
SCEPTER	1.4 oz/a	A				84 ab
AMS	8.5 lb/100 gal	A				91 abc
4 LIBERTY	29 oz/a	A	94 a	93 a	89 ab	90 b
CLASSIC	0.33 oz/a	A				88 ab
AMS	8.5 lb/100 gal	A				82 bc
5 LIBERTY	29 oz/a	A	94 a	89 a	89 ab	94 ab
DUAL MAG	20 oz/a	A				86 ab
AMS	8.5 lb/100 gal	A				83 bc
6 LIBERTY	29 oz/a	A	97 a	91 a	96 ab	98 ab
DUAL MAG	20 oz/a	A				93 a
SCEPTER	1.4 oz/a	A				95 ab
AMS	8.5 lb/100 gal	A				
7 LIBERTY	29 oz/a	A	92 a	86 a	83 b	91 ab
PREFIX	2.2 pt/a	A				76 b
AMS	8.5 lb/100 gal	A				80 bc
8 LIBERTY	29 oz/a	A	99 a	99 a	99 a	99 a
PREFIX	2.2 pt/a	A				96 a
SCEPTER	1.4 oz/a	A				98 a
AMS	8.5 lb/100 gal	A				

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