WETCIT®

GLYPHOSATE EFFICACY WITH **WETCIT®** ADJUVANT

CROP	Non-crop	**LOCATION**	Visalia, CA, USA	**RESEARCHER**	Ron Kukas, TRACS
TRIAL DATE	Dec 19, 2005	**TARGET**	Common Chickweed *(Stellaria media)*, Swinecress *(Coronopus sp.)*		
			Shepherd's Purse *(Capsella bursa-pastoris)*, Annual Bluegrass *(Poa annua)*		

APPLICATION

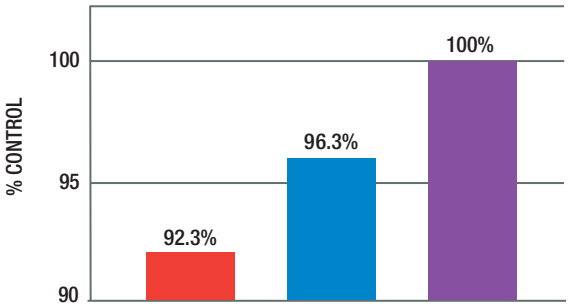
The trial was established on a conventional tillage, non-crop field located in the Visalia region of California using a 5 x 25 foot randomized complete block design with four replicates. The treatments were applied as foliar sprays on December 19, 2005. Percentage control of the target weeds was evaluated 28 days after application. A CO_2 - driven boom sprayer equipped with flat-fan nozzles, operating at 30 PSI and delivering 42 gpa, was used.

RESULTS

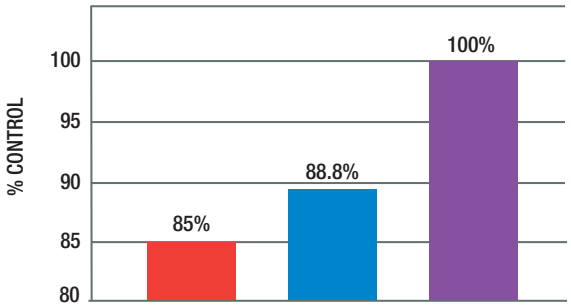
The addition of **WETCIT®** at both 0.46% v/v and 0.78% v/v rates resulted in faster and better control of the target weeds than achieved with Glyphosate alone. With annual bluegrass, 100% control was achieved with the 0.46% v/v concentration; while for swinecress, common chickweed and shepherd's purse the 0.78% v/v rate proved most effective.

- Glyphosate (0.75 lbs ai/a)
- Glyphosate (0.75 lbs ai/a) + **WETCIT** (0.46% v/v)
- Glyphosate (0.75 lbs ai/a) + **WETCIT** (0.78% v/v)

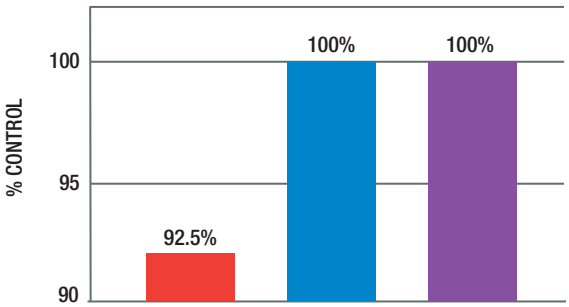
PERCENTAGE CONTROL OF COMMON CHICKWEED - 28 DAT



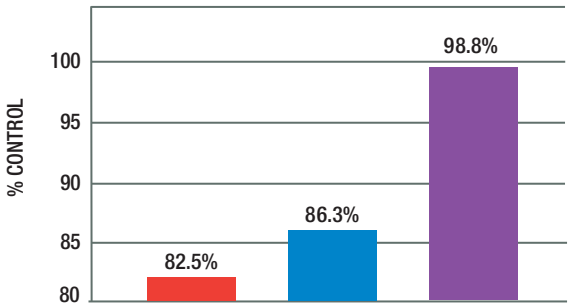
PERCENTAGE CONTROL OF SWINECRESS - 28 DAT



PERCENTAGE CONTROL OF ANNUAL BLUEGRASS - 28 DAT



PERCENTAGE CONTROL OF SHEPHERD'S-PURSE - 28 DAT



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