



EVALUATION OF WETCIT® TO IMPROVE YELLOW NUTSEDGE CONTROL WITH GLYPHOSATE

TARGET	Yellow nutsedge (<i>Cyperus esculentus</i> L.)	CROP	Corn	LOCATION	Ontario, OR, USA
TRIAL DATE	May – Oct 2010	RESEARCHER	J. Felix, Oregon State University		

APPLICATION

A field study was conducted at the Malheur Experiment Station to evaluate the potential of **WETCIT**® to improve and enhance the efficacy of glyphosate on yellow nutsedge in glyphosate tolerant field corn. The study was arranged in randomized complete block design with 4 replications and the individual plot size was 10 ft wide (four rows) x 30 ft long. All treatments were applied on June 6 and June 21, 2010 using a CO₂-pressurized backpack sprayer equipped with a boom fitted with six Teejet nozzles (EVS 8002) calibrated to deliver 20 gal/acre at 35 psi and 3 mph. Plots were evaluated on July 6 and September 29, 2010 using a visual scale of 0% = no control and 100% = complete yellow nutsedge control. Corn was harvested on October 21, 2010.

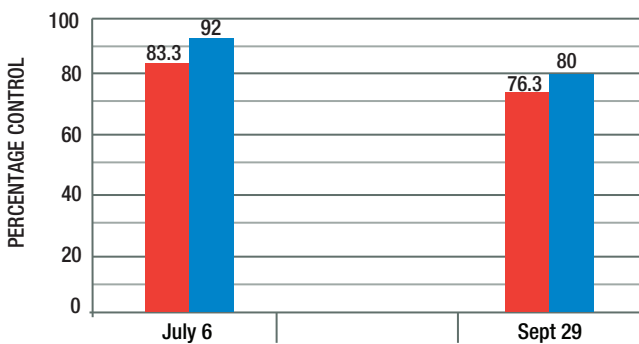
RESULTS

Yellow nutsedge control on July 6 was better when glyphosate was applied in a mixture with **WETCIT**. The results suggested that adding **WETCIT** into the glyphosate plus AMS mixture provided better visual yellow nutsedge injury compared to glyphosate plus AMS alone.

- UNTREATED
- Roundup PowerMax® (glyphosate) (22 fl oz / acre) + AMS (ammonium sulfate) (8 pt / acre)
- Roundup PowerMax (glyphosate) (22 fl oz / acre) + AMS (ammonium sulfate) (8 pt / acre) + **WETCIT** (100 fl oz / 100 gal)



THE EFFECT OF THE ADDITION OF WETCIT TO GLYPHOSATE ON YELLOW NUTSEDGE CONTROL VS UNTREATED



CORN YIELD

