



DEFOLIATION OF COTTON WITH WETCIT® ADJUVANT + GINSTAR®

TARGET	Defoliation	CROP	Cotton var. <i>Goshi</i>	LOCATION	Visalia, CA, USA
TRIAL DATE	November 2005	RESEARCHER	D. Dunbar, TRACS		

APPLICATION

A replicated trial to determine whether the defoliation of cotton with Ginstar (*thidiazuron*) can be improved by the addition of WETCIT was established in the Visalia area of California on November 2, 2005. Plots of 30 × 10 ft. laid out in a randomized complete block design were used. Treatments were applied using a CO₂-propelled sprayer fitted with flat-fan 8003 nozzles, operating at 30 psi. An application volume of 34 gallons per acre was used.

RESULTS

The results clearly show that the addition of WETCIT not only improved the overall level of defoliation 21 days after application, but also increased the rate of defoliation. While the Ginstar + WETCIT treatment had achieved 85% defoliation 14 days after application, the treatment of Ginstar alone had only reached 72.5% defoliation at the same stage. No regrowth of the cotton occurred on any of the treatments.

■ UNTREATED

■ Ginstar (8 oz./a)

■ WETCIT (60 fl. oz./100 gal.) + Ginstar (8 oz./a)

PERCENTAGE DEFOLIATION OF GOSHI COTTON ACHIEVED WITH AND WITHOUT THE ADDITION OF WETCIT AS AN ADJUVANT 14 AND 21 DAYS AFTER TREATMENT

