

**ADAGE® (THIAMETHOXAM) COTTONSEED TREATMENT
FOR EARLY-SEASON INSECT CONTROL
IN CENTRAL AND WEST TEXAS
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Abstract

Novartis Crop Protection is developing Adage®, a new extremely efficacious seed treatment insecticide belonging to the chemical class known as neonicotinoids. Adage® at 300 gai/100Kg (7.65 fl.oz./cwt) of cottonseed has provided excellent aphid, and thrip control, similar to Temik® at 3.5 lbs/A applied in-furrow at planting. Adage® provided good control of the western flower thrip (*F. occidentalis*).

Adage®, having a water solubility value of 4,100 ppm, has proven to be a key factor in the consistent performance over other neonicotinoids. Adage® has provided excellent Thrip and Aphid control and has out yielded the fungicide check by over 300 lbs lint cotton per acre in 2000 trials. In Central Texas, Adage® seed treatment has provided up to 45 days of effective control of cotton Aphid. At a use rate of less than 20 gai per acre, Adage® has an excellent worker safety profile, while also being safe to the crop and the environment making Adage® an excellent new product for the cotton producer.