



SECOND SHOT DEFOLIATION FOR FIRST RATE COTTON

ET[®] herbicide/defoliant is the best tool for second shot defoliation. ET quickly and economically removes both mature and juvenile foliage that may be left behind after the first application. In addition to consistent defoliation, ET remains effective at low dosages, even when temperatures drop.

Key Benefits of Using ET in a Defoliation Program

- Proven leaf drop activity on both mature and juvenile leaves
- Industry-leading performance for regrowth removal
- Maintains top performance in both cool and warm conditions, taking the guesswork out of defoliation
- Fast performance allows producers to more accurately time their harvest and protect quality
- Provides preharvest weed control, reducing lint trash and improving harvest efficiency.



Insights from a Local Cotton Grower/Ginner

- David Grossman

"Our cotton buyer has made comments about the consistent good grades of our cotton.

"Many factors contribute to good grades and higher value cotton, but cotton that is picked as cleanly as possible consistently nets values of two to four cents higher per pound.

"Another important aspect of achieving optimum grades and cotton value is picking capacity. We have the picking capacity to get our cotton out of the field quickly. This is critical with uncertain weather, and the speed of current varieties wants to keep the cotton growing, especially in warm temperatures. We don't like to let the cotton sit when we feel it is time to defoliate.

"We have been using ET for six to seven years on our 2nd shot application. We use a rate of 2 oz of ET with ethephon and go in as close as possible to 7 days after the first application. This treatment is excellent on defoliating remaining mature leaves and holding back any new juvenile growth that is popping out up and down the stalk. There are no adverse effects with the 2 oz rate either.

"In 2018, we took an 800-acre block of one of our gin customers; treated all with TDZ plus ethephon 1st shot. Then, we split the 2nd shot: 400 acres with a shot of TDZ plus ethephon and the other 400 acres with 2 oz ET plus ethephon. When ginned, the value of the treated side with ET was 2.8 cents per pound higher.

"Our defoliation program may cost a little more but has proven to be economical and puts more money in our pocket when the cotton bales leave the gin."

David Grossman grows cotton on his own farm and manages Quito Gin in Itta Bena, Mississippi.

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