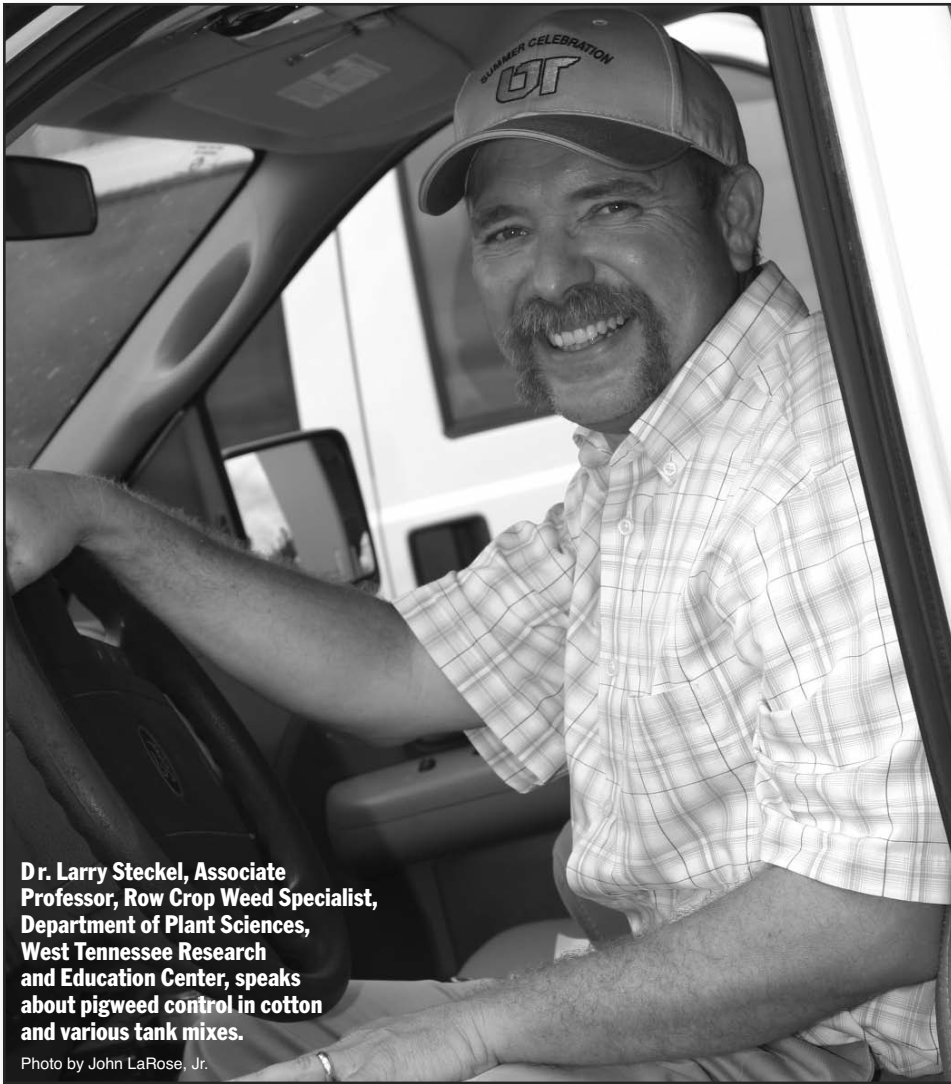


Tank Mix Partners For Pigweed Attempts To Minimize Burn Injury



Dr. Larry Steckel, Associate Professor, Row Crop Weed Specialist, Department of Plant Sciences, West Tennessee Research and Education Center, speaks about pigweed control in cotton and various tank mixes.

Photo by John LaRose, Jr.

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Dr. Larry Steckel, Associate Professor, Row Crop Weed Specialist, Department of Plant Sciences, West Tennessee Research and Education Center, spoke recently about pigweed control in cotton and various tank mixes. Steckel's test plot at Milan include: LibertyLink varieties, Bayer, Stoneville 4145 and Widestrike varieties.

"One of the newer tank mix partners for pigweed is Dual or Warrant. Putting Roundup over the top of cotton, we are seeing less burn with the Warrant compared to the Dual; about five to 10 percent less. It is just the exact opposite if you mix the two and put them on Ignite on LibertyLink cotton. With Warrant we are seeing more burn, five to 10 percent, or burn is going up to maybe 15 percent from five."

Steckel was asked about top performers in his test plots. "As far as the residual control goes, the tank mix of Cotoran and Caparol looks very good, 24 ounces of each. Reflex mixed either with Cotoran or Caparol looks very good for pigweed control. The other side of the coin though is the injury on the cotton. We had a fair

amount of injury in Tennessee this past year."

Steckel blamed some of the injury on environment. "It got very cold and with two big rains, it soaked up a lot more of the herbicide. We lost some stand. It wasn't just the herbicide but it was part of the issue no doubt. The Cotoran/Caparol looks like it's a little safer than anything that we have with the Reflex. On the flip side of that coin you're going to get another two weeks of residual for pigweed out of Reflex than you are with Cotoran/Caparol. Growers need to weigh how bad the pigweed might be on a certain field to determine whether he may want to go in a true Roundup Ready system."

Using hoods is very important explained Steckel. "We still have a lot of cotton growers moving away from hoods and post direct rigs with the Roundup Ready Flex technology; they have got to get back to it. There is just no way around it; not on glyphosate resistant pigweed. The only way you could even kind of get around it is with the LibertyLink system but even then a hooded application is mandatory. I don't want to lose Ignite on Palmer pigweed." △

REGINA LAROSE: Associate Editor, MidAmerica Farmer Grower



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