

SULFONYLUREA AND QUIZALOFOP TOLERANCE TRAITS IN SORGHUM –
NEW WEED MANAGEMENT TOOLS FOR SORGHUM PRODUCTION. Robert N.
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Kansas State University Researchers have developed non-GMO sulfonylurea and quizalofop herbicide tolerance traits in sorghum. DuPont Crop Protection has acquired exclusive commercial rights to both tolerance traits and to the use of chemistries enabled by those traits. DuPont Crop Protection will license these herbicide tolerance traits to interested sorghum seed companies. Herbicide active ingredients including nicosulfuron, rimsulfuron and metsulfuron methyl are being evaluated for the sulfonylurea tolerant sorghum and Assure® II for the quizalofop tolerant sorghum. New herbicide offerings enabled by the traits will allow sorghum producers to use new postemergence solutions for grass and broadleaf control in sorghum that have previously not been available. The sulfonylurea trait enables the use of herbicides that control grass and broadleaf weeds with both contact and residual activity. The quizalofop trait enables the use of Assure® II for postemergence control of grass species. A parallel launch of sorghum seed products with complimentary DuPont Crop Protection herbicides is planned, pending herbicide trait development and EPA registration of herbicides.