

**"MANAGING RESOURCES
FOR PROFITABILITY"
APPLYING NEW TECHNOLOGIES
WEED MANAGEMENT: TRANSGENICS
AND NEW TECHNOLOGIES
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Farming strip-till and using Roundup® the last 6 years, the new transgenics fall right into place with our operation. With strip-till, we are already doing a lot of broadcast spraying and have the equipment necessary for Roundup Ready® and BXN cotton. We grew all Roundup Ready® and BXN cotton during the '97 growing season. We have found that we can cover more land faster and cut down on water volume used for herbicides. We are getting better weed control with both Roundup Ready® and BXN cotton. One main point is that we can take out the early trip across the field with the hooded sprayer. That helps reduce killing or burning the cotton at a young stage.

In closing, we are saving time and money with these new technologies, but most of all, I found that I have more time for God (comes first and most important) and family. Saving money to earn more at the end means nothing, if you are not pleasing God and have a family to enjoy life with.

Herbicide	Trips Across Field							
	Total cost	Volume gal/acre	Equipment hours on 100 Acres	Custom hire cost per acre	Planter	Hood Sprayer	High Cycle	Band Over Row
RR	\$56.43	40	26.6	\$25.00	1	1	3	
BXN	\$62.62	56	29.9	\$28.50	1	1	4	
Conv.	\$66.32	68	41.0	\$33.00	1	2	4	
RR*	\$51.36	25**	26.0	\$24.00		1	3	
BXN	\$55.20	31	28.0			1	3	1

*Good management RR Roundup Ready®
 **Less with Turbo Drop Nozzles Conv. Conventional Cotton