

## Green and Yellow Foxtail Control in Wheat

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In 2012 a study was conducted in collaboration with Bayer to compare the effects of herbicide adjuvants and products for controlling green and yellow foxtail in wheat. This study was planted on April 23 and harvested August 8. Herbicide treatments were applied at the 3-leaf stage with weed injury evaluations occurring seven and 21 days after application and one week prior to harvest. The treatments were applied with a CO<sub>2</sub> backpack sprayer using 8002 nozzles and 28 PSI at a target rate of 20 GPA.

Huskie Complete and Wolverine provided greater control of the foxtail species 21 DAT than the other herbicide/adjuvant combinations. Both Huskie Complete options were better than all RimfireMax combinations except the one using a basic blend adjuvant. Most of these differences were not noted in the yield results for the trial. Only the Wolverine treatment exhibited a yield advantage over any other treatments.

**Table 1. Control of green and yellow foxtail in wheat.**

Product	Adjuvant	Product Rate oz/a	Adjuvant Rate % v/v	-- Green and Yellow Foxtail Control --		Yield bu/a
				21 DAT %	Pre-harvest %	
non treated		-	-	0	0	35.6
RimfireMax + Huskie	MSO	3 + 11	1.5*	42	33	39.0
RimfireMax + Huskie	Basic Blend	3 + 11	1	43	43	39.2
RimfireMax + Huskie	HSOC	3 + 11	0.75*	33	37	37.2
RimfireMax + Affinity Tankmix + Starane	Basic Blend	3 + 0.6 + 0.75*	1	22	17	35.5
Huskie Complete		13.7		63	55	38.9
Huskie Complete	AMS	13.7	0.5**	80	58	40.6
Wolverine		27.4		80	48	42.0
LSD (0.05)				20	16	5.2

\*Pints/ac

\*\*lbs/ac