

Foxtail control in spring wheat (2000)

Spring wheat (Alsen) was seeded May 3 into 6-inch rows at 90 lb/A in a conventional tillage system. Individual plots were 10 x 30 ft and replicated three times. Postemergence treatments were applied on June 5. The primary weeds were yellow foxtail (Yeft) and wild buckwheat (Wibw). The crop was harvested on August 31.

Treatment	Rate	Wheat		Yeft		Wibw		Yield bu/A
		Jun 26	Jul 20	Jun 26	Jul 20	Jun 26	Jul 20	
Untreated		—% Injury—		—% Control—				
Untreated		0	0	0	0	0	0	0
Discover + DSV	4 fl oz + 12.8 fl oz	0	0	95	96	0	0	0
Discover + DSV + Bronate	4 fl oz + 12.8 fl oz + 1 pt	0	0	92	93	90	87	34
Discover + DSV + Harmony GT + MCPA ester	4 fl oz + 12.8 fl oz + 0.5 oz + 0.75 pt	0	0	88	87	96	95	33
Puma	0.4 pt	5	0	96	95	0	0	0
Puma + Bronate	0.4 pt + 1 pt	2	0	91	78	88	87	37
Puma + Harmony GT + MCPA ester	0.4 pt + 0.5 oz + 0.75 pt	1	0	90	88	97	96	37
Achieve + Supercharge + AMS	7.2 oz + 0.5 % + 15 lb/100 gal	0	0	92	93	0	0	0
Achieve + Bronate + Supercharge + AMS	7.2 oz + 1 pt + 0.5 % + 15 lb/100 gal	0	0	92	88	86	74	29
Achieve + Harmony GT + MCPA ester + Supercharge + AMS	7.2 oz + 0.5 oz + 0.75 pt + 0.5 % + 15 lb/100 gal	0	0	87	79	95	95	34
Everest + NIS	0.4 oz + 0.25 %	14	5	88	85	83	92	29
Everest + NIS + Bronate	0.4 oz + 0.25 % + 1 pt	13	5	83	77	86	86	36
Everest + NIS + Harmony GT + M CPA ester	0.4 oz + 0.25 % + 0.5 oz + 0.75 pt	15	5	90	91	95	95	35
LSD		2	NS	4	12	4	6	NS
CV		24	0	3	9	4	6	13

All products used in this study now have full registration. Everest caused significant early crop stunting, but the wheat generally recovered by late July. All grass products provided good to excellent early-season foxtail control. However, some tankmixes had slightly lower control as the season progressed. In treatments without a broadleaf herbicide, the wild buckwheat literally pulled the wheat to the ground resulting in no yield. Harmony GT was slightly more effective on wild buckwheat than Bronate. Everest alone had good activity on wild buckwheat.