

Study Name: Foxtail control in spring wheat with Discover

Study Number: 9931

Objectives: Evaluate foxtail control with Discover and other grass herbicides in spring wheat

Results: Discover alone provided excellent control of foxtails, but control was reduced 10-20% when combined with broadleaf herbicides. Achieve caused moderate wheat stunting soon after application, but appeared to recover as the season progressed. Soil moisture and relative humidity were high at the time of application. We received one-half inch of rain the day before application.

Table. Foxtail control in spring wheat with Discover.

Treatment ^a	Rate	June 18					August 18						
		Injury	Fxtl ^b	Wibw	Rrpw	Colq	Injury	Fxtl ^b	Wibw	Rrpw	Colq		
		%	-----Control (%)-----					%	-----Control (%)-----				
Untreated		0	0	0	0	0	0	0	0	0	0		
Discover + Score	4 fl oz + 1%	0	95	0	0	0	0	94	0	0	0		
Discover + Bronate + Score	4 fl oz + 1 pt + 1%	0	90	100	98	100	0	85	88	98	98		
Harmony Extra ^c + Discover + MCPA ester + Score	0.3 oz + 4 fl oz + 12 fl + 1%	0	83	100	100	100	0	70	94	100	98		
Discover + Peak + Score	4 fl oz + 0.25 + 1%	0	94	97	97	100	0	87	87	92	95		
Achieve + Supercharge + AMS + Bronate	0.45 lb + 0.5% + 1.8% + 1 pt	16	96	100	99	100	2	78	85	93	93		
Puma +Bronate	0.33 pt + 1 pt	1	95	100	97	100	0	79	90	98	98		
LSD		5	6	2	5	0	2	11	6	6	6		
CV		69	4	1	4	0	154	8	5	4	5		

^a Harmony Extra and Bronate applied as commercial premixes.

^b Fxtl=green and yellow foxtail

^c Harmony Extra = thifensulfuron + tribenuron