

Green foxtail control with Discover in HRSW. (1998) Discover was evaluated for green foxtail control compared to other products. Amidon hard red spring wheat was seeded May 5. Seedbed preparation was conventional with 6-inch row spacing and wheat seeded at 1 million pls/A. All treatments were applied with a CO2 pressurized bicycle sprayer traveling 3 mph with 8001 flat fan nozzles delivering 10 gpa at 40 psi. Plot dimensions were 10 feet by 30 feet. The treatments were arranged in a RCBD and replicated three times. Wheat was harvested with a small plot combine on August 13.

Discover and Puma provided good to excellent green foxtail control. Some antagonism was observed (10% lower weed control) in the 3-way mix of Discover, Harmony Extra, and Banvel. Little or no antagonism was observed when Discover was tankmixed with Banvel alone, Harmony Extra alone, or Bronate alone. Achieve was inadvertently mixed and applied at one-half the normal use rate.

<u>Treatment</u>	<u>Rate</u>	<u>July 3</u>		<u>August 7</u>		<u>Yield</u> Bu/A
		<u>Grft</u>	<u>Colq</u>	<u>Grft</u>	<u>Colq</u>	
		----- % Control -----				
Untreated		0	0	0	0	23
Discover + Score	1 fl oz/A + 1% V/V	95	0	97	0	25
Discover + Bronate + Score	1 fl oz/A + 8 fl oz/A + 1% V/V	88	100	92	100	30
Discover + Banvel SGF + Score	1 fl oz/A + 1.5 fl oz/A + 1% V/V	95	100	94	100	32
Discover + Harmony Extra + Score	1 fl oz/A + 0.23 oz/A + 1% V/V	90	100	94	100	31
Discover + Harmony Extra + Banvel SGF + Score	1 fl oz/A + 0.23 fl oz/A + 1 fl oz/A + 1% V/V	86	100	83	100	31
Puma	0.8 fl oz/A	92	0	92	0	30
Puma + Harmony Extra	0.8 fl oz/A + 0.23 oz/A	96	100	95	100	31
Achieve + Supercharge	2.9 fl oz/A + 0.5% V/V	85	0	73	0	26
Achieve + Bronate + Supercharge	2.9 fl oz/A + 8 fl oz/A 0.5% V/V	72	100	63	100	33
C.V.%		13	0	13	0	10
LSD .05		17	0	17	0	5