

Weed control with Affinity tank mixes in spring wheat 2006

'Steele' spring wheat was seeded on May 9 at 90 lb/A into 7.5 inch rows. Herbicide treatments were applied postemergence (POST) on May 31. At time of application, wheat was at the 3.5-leaf stage and 6 inches tall, wild oat was at the 3-leaf stage with 3-6 plants/ft², and lambsquarters was 4 inches tall with 3-5 plants/ft². Individual plots were 10 x 30 ft and replicated three times.

Only Everest caused visible crop injury in the form of stunting. All herbicide treatments provided excellent lambsquarters (Colq) control. Everest and Axial provided excellent wild oat (Wioa) control, while Rimfire and Discover provided poor to fair wild oat control. There was no significant difference in yield or test weight between herbicide treatments.

	Rate	Timing	Wheat			Wioa		Colq		Yie
			Jun 10	Jun 22	Jul 13	Jun 22	Jul 13	Jun 22	Jul 13	
			-----% injury-----			-----% control-----				bu/
+ Widematch +	0.3 oz ai + 0.66 pt + 1.75 oz	POST	0	0	0	53	68	100	100	46.
+ Starane + + Everest	0.3 oz ai + 0.33 pt + 10 fl oz + 0.5 oz	POST	7	3	7	86	91	98	100	48.
+ Widematch + G	0.3 oz ai + 0.66 pt + 12.8 fl oz	POST	0	0	0	60	50	100	100	50.
+ Widematch + jor	0.3 oz ai + 0.66 pt + 8.2 fl oz + 9.6 fl oz	POST	0	0	0	92	95	99	100	53.
			0	0	0	0	0	0	0	14.
			1	2	3	11	11	1	NS	9.
			39	129	123	10	10	1	0	11.