

Study Name: Volunteer flax and foxtail control with Paramount in spring wheat

Study Number: 9927

Objectives: Evaluate Paramount for volunteer flax and foxtail control in spring wheat

Results: The field was prepared in a conventional-till system and fertilized with urea. Due to the wet conditions in early May, we were not able to seed the wheat until May 20. After seeding the wheat, we seeded flax across the wheat rows. The flax emerged nicely with the wheat. We had a good population of flax (26/ft²) and green foxtail (15/ft²) (some yellow), but a relatively low population of lambsquarters, kochia, and pigweed (1/ft²). Our wheat was severely damaged by hail on July 13 and 80 mph winds a week later. We estimated 40 to 80% injury in late July.

Flax and foxtail control was good to excellent at both ratings. Flax was hard to find at the end of the season. We probably had later flushes of foxtails, but these did not get very tall. Control of lambsquarters, pigweed, and kochia was poor to fair. There wasn't much difference in weed control between the low and higher rates.

Table. Volunteer flax and foxtail control with Paramount in spring wheat

Treatment	Rate	June 18					Aug 17				
		Vol flax	Fxtl	Colq	Kocz	Rrpw	Vol flax	Fxtl	Colq	Kocz	Rrpw
		-----% control-----					-----% control-----				
Untreated		0	0	0	0	0	0	0	0	0	0
Paramount MSO	0.14 lb ai 24 fl oz	94	95	30	50	33	99	87	40	35	37
Paramount MSO	0.188 lb ai 24 fl oz	96	95	33	50	33	99	91	37	45	33
Paramount MSO	0.25 lb ai 24 fl oz	98	96	37	60	40	98	92	40	47	33
LSD		3	2	7	13	9	2	9	13	13	9
CV		2	1	15	16	17	1	7	22	21	18