

Wild oat control with Axial in spring wheat 2006

'Steele' spring wheat was seeded May 9 at 90 lb/A into 7.5 inch rows. Herbicide treatments were applied postemergence (POST) on June 1 with wheat at the 4-leaf stage, and on June 6 with wheat at the 4-5-leaf stage. On June 1, wild oat was 3.5-leaf with 2-4 plants/ft². On June 6, wild oat (Wioa) was at the 3-leaf stage with 1-3 plants/ft². Individual plots were 10 x 30 ft and replicated three times.

Only Everest caused significant visible crop injury in the form of stunting. All Axial and Everest treatments provided excellent wild oat control. Puma did not control wild oat, but was only applied at 0.4 pt, rather than the normal wild oat rate of 0.67 pt.

^a All Bronate formulations used were Bronate Advanced

Treatment	Rate	Timing	Wheat			Wioa			Wheat	
			Jun 10	Jun 23	Aug 2	Jun 23	Jul 8	Aug 2	Yield	Test Wt.
			---% injury---			--% control--			bu/A	lb/bu
Untreated			0	0	0	0	0	0	21.3	56.4
Axial + Adigor / Bronate ^a	8.2 fl oz + 9.6 fl oz / 0.8 pt	4-lf / + 5 day	3	4	0	98	97	96	49.2	58.9
Axial + Adigor + Bronate	8.2 fl oz + 9.6 fl oz + 0.8 pt	4-lf	1	0	0	97	94	95	53.4	59.1
Axial + Adigor + Affinity TM + Starane	8.2 fl oz + 9.6 fl oz + 0.6 oz + 0.33 pt	4-lf	0	0	0	96	96	96	52.9	58.8
Puma / Bronate	0.4 pt / 0.8 pt	4-lf / + 5 day	3	4	0	75	70	72	48.9	58.5
Puma + Bronate	0.4 pt + 0.8 pt	4-lf	1	0	0	43	35	37	33.1	58.0
Puma + AffinityTM + Starane	0.4 pt + 0.6 oz + 0.33 pt	4-lf	0	0	0	57	61	61	41.2	58.5
Everest / Bronate	0.6 oz / 0.8 pt	4-lf / + 5 day	6	17	6	87	91	93	42.9	59.8
Everest + Bronate	0.6 oz + 0.8 pt	4-lf	6	11	6	86	95	95	48.2	59.5
Everest + Affinty TM + Starane	0.6 oz + 0.6 oz + 0.33 pt	4-lf	9	13	7	88	95	96	48.4	59.7
LSD (0.05)			2	2	2	11	18	17	10.8	0.9
CV			42	24	52	8	14	13	14.3	0.9