

Weedy Grass Control in Wheat at Hettinger

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Reeder hard red spring wheat was seeded on April 18. Pre-emergence treatments (trts 8 and 9) were applied on April 20. Post emergence treatments were applied to 3 ½ leaf wheat and to 2 leaf wild oat on May 24 with 68°F, 36% RH, cloudy sky and 8 mph N wind. Treatments were applied with a tractor mounted CO² propelled plot sprayer delivering 10 gpa at 30 psi through PK-01E80 nozzles to a 5 foot wide area the length of 10 by 28 foot plots. The experiment was a randomized complete block design with four replications. Wild oat population was 0.2 plants per ft². Plots were evaluated for crop injury on June 9 and for wild oat control on July 12. The trial was not harvested.

Treatment		Product	--6/9--	7/12
		Rate	HRSW	Wiot
		oz/Ac	- % Control -	
1	Assert + Bronate Adv. + MSO	16 + 12.8 + 24	2	98
2	Everest + Bronate Adv. + Basic Blend	0.45 + 12.8 + 1%	0	96
3	Silverado + Bronate Adv. + MSO	1.75 + 12.8 + 1%	0	98
4	Discover NG + Bronate Adv.	12.8 + 12.8	0	98
5	Puma + Bronate Adv.	10.6 + 12.8	0	98
6	Achieve + Bronate Adv. + Supercharge + AMS	7.25 + 12.8 + 0.5% + 1%	1	98
7	Axial + A12127 + Bronate Adv.	8.2 + 9.6 + 12.8	0	98
8	Everest / Puma + Bronate Adv.	0.3 / 5.3 + 12.8	0	98
9	Everest / Puma + Bronate Adv.	0.45 / 5.3 + 12.8	2	93
10	Untreated		0	0
C.V. %			230	2.6
LSD .05			NS	3

wiot = wild oat

Summary

None of the herbicide treatments caused any significant crop injury and all treatments had excellent wild oat control.