ACCase-resistant wild oat and foxtail control with Rimfire Max and Huskie Complete

The objective of the study was to evaluate Group 1-resistant wild oat and foxtail control with the Group 2 herbicides, Rimfire Max and Huskie Complete. Treatments were applied June 1 to 3- to 4-leaf wheat. Most treatments caused slight temporary crop injury. Rimfire Max and Wolverine provided poor foxtail control (32-59%) regardless of tank mix partner or adjuvant used (Aug 7 evaluation). Huskie Complete provided good foxtail control (82%). All Rimfire Max and Huskie Complete treatments provided excellent wild oat control (≥97%), whereas Wolverine provided only 47% wild oat control due to ACCase resistance.

Table. ACCase-resistant wild oat control with Rimfire Max and Huskie Complete. (1233)

		HRSW			Weed Control[b]					
		Injury			Wild oat			Foxtail		
Treatment[a]	Rate	8-Jun	22-Jun	7-Aug	8-Jun	22-Jun	7-Aug	8-Jun	22-Jun	7-Aug
		----------%----------			----------%----------					
Untreated		0	0	0	0	0	0	0	0	0
Rimfire Max + Huskie + MSO	3 oz + 11 fl oz + 1.5 pt	16	2	0	82	95	99	78	62	55
Rimfire Max + Huskie + Quad 7	3 oz + 11 fl oz + 1%	13	0	0	81	95	99	74	57	52
Rimfire Max + Huskie + HSOC	3 oz + 11 fl oz + 0.75 pt	13	0	0	81	95	99	76	60	48
Rimfire Max + Affinity TM + Starane U + Quad 7	3 oz + 0.6 oz + 0.18 pt + 1%	9	0	0	80	95	97	83	65	59
Huskie Complete	13.7 fl oz	14	2	0	84	95	97	84	84	82
Huskie Complete + AMS	13.7 fl oz + 1.47%	14	2	0	83	95	98	85	84	82
Wolverine	27.4 fl oz	5	0	0	67	67	47	45	37	32
LSD (0.05)		1	1	NS	5	5	13	16	10	12
CV		5	101	0	4	3	9	14	10	14

[a] *All treatments applied to 3-4 leaf HRSW*

[b] *Foxtail=majority was green foxtail*