

Crop tolerance and weed control in Clearfield wheat

The objective of the study was to evaluate weed control and Clearfield wheat tolerance with Beyond tank mixes. Treatments were applied July 5 to 4.5-leaf wheat, 2-inch yellow foxtail, and 1-inch pigweed. No crop injury was observed with any of the treatments. Beyond provided good to excellent foxtail control except when applied at 4 fl oz tank mixed with Bronate. Wolverine, Everest 2.0, and Axial XL provided poor to fair foxtail control. All treatments provided excellent pigweed control, with the exception of Axial XL + WideMatch + MCPA ester.

Table. Crop tolerance and weed control in Clearfield wheat. (1139)									
		Injury		Weed Control					
		HRSW		Yellow Foxtail			Redroot Pigweed		
Treatment ^a	Rate	15-Jul	19-Jul	19-Jul	4-Aug	18-Aug	19-Jul	4-Aug	18-Aug
		-----%-----							
Untreated		0	0	0	0	0	0	0	0
Beyond + MSO	4 fl oz + 1%	0	0	83	82	86	95	99	99
Beyond + MSO	6 fl oz + 1%	0	0	92	91	94	95	99	99
Beyond + Bronate + NIS	4 fl oz + 1 pt + 0.25%	0	0	71	67	64	95	99	99
Beyond + Bronate + NIS	6 fl oz + 1 pt + 0.25%	0	0	79	80	81	95	99	99
Beyond + Widematch + NIS	4 fl oz + 1 pt + 0.25%	0	0	81	83	85	95	99	99
Wolverine	1.7 pt	0	0	81	37	33	99	99	99
Everest 2.0 + Widematch + MCPe	1 fl oz + 1 pt + 0.5 pt	0	0	80	60	54	86	99	99
Axial XL + Widematch + MCPe	16.4 fl oz + 1 pt + 0.5 pt	0	0	89	77	70	50	50	45
LSD (0.05)		NS	NS	13	16	17	6	6	3
CV		0	0	10	15	15	4	4	2

^a All treatments applied to 4.5-leaf wheat