Foxtail barley control with Roundup, Olympus, Rimfire Max, and Huskie Complete tank mixes applied in the fall or spring.

The objective of the study was to evaluate fall- or spring-applied herbicides for foxtail barley control. Fall treatments were applied October 1, 2012 to 3- to 6-inch foxtail barley (up to 3 per sq ft). A blanket glyphosate application was made over the entire study on May 29, 2013. Postemergence treatments were applied June 27, 2013.

Glyphosate and Olympus applied in the fall provided good foxtail barley suppression (65-81%) at the June 1 evaluation. Fall treatments followed by spring treatments containing propoxycarbazone (Rimfire Max and Olympus) provided excellent foxtail barley control (99%).

Table. Foxtail barley control with Roundup, Olympus, and Huskie Complete tank mixes applied in the fall or spring. (1332)

			Weed Control		
			Foxtail barley		
Treatment[a]	Rate	Timing	Jun-1	Jul-10	Aug-1
			----------%----------		
Gly / Huskie[b]	28 oz / 13.5 oz	Fall/POST	68	83	68
Gly + Olympus / Huskie Complete[b]	28 oz + 0.2 oz / 13.7 oz	Fall/POST	66	97	89
Gly + Olympus / Rimfire Max + Huskie[c]	28 oz + 0.2 oz / 3 oz + 13.5 oz	Fall/POST	73	99	99
Gly + Olympus / Huskie Complete + Olympus[b]	28 oz + 0.2 oz / 13.7 oz + 0.2 oz	Fall/POST	76	99	99
Gly + Olympus / Huskie Complete[b]	28 oz + 0.4 oz / 13.7 oz	Fall/POST	76	99	96
Gly + Olympus / Rimfire Max + Huskie[c]	28 oz + 0.4 oz / 3 oz + 13.5 oz	Fall/POST	81	99	99
Gly + Olympus / Huskie Complete + Olympus[b]	28 oz + 0.4 oz / 13.7 oz + 0.2 oz	Fall/POST	81	99	99
Gly / Huskie Complete + AMS	28 oz / 13.7 oz + 5%	Fall/POST	70	96	87
Gly / Rimfire Max + Huskie[c]	28 oz / 3 oz + 13.5 oz	Fall/POST	65	97	99
Gly / Huskie Complete + Olympus[b]	28 oz / 13.7 oz + 0.2 oz	Fall/POST	65	99	99
LSD (0.05)			7.6	7.2	7.4
CV			7.3	5.1	5.5

[a] *Gly=Glyphosate applied with AMS (5.0%)*

[b] *Applied with AMS (1.47%)*

[c] *Applied with MSO (1.3 pt)*