

### Foxtail barley control with Olympus, Varro, or Huskie Complete tank mixes

The objective of this study was to evaluate foxtail barley control with Olympus applied PRE or POST, and Varro or Huskie Complete applied POST. 'Joppa' durum was planted May 11 followed by preemergence herbicides applied May 15. POST herbicides were applied at the 3-leaf durum stage on June 5. Foxtail barley plants 2-8 inches tall at the PRE application and 8-16 inches tall at the POST application. Glyphosate was applied with all PRE treatments.

All POST treatments caused slight, temporary crop injury, mostly in the form of chlorosis with very slight stunting. Glyphosate applied PRE provided only 30% foxtail barley control at the August 10 evaluation. Olympus applied PRE or POST tended to provide 10-20% more foxtail barley control over that provided by "Varro + Carnivore" or "Huskie Complete". Even though Olympus isn't providing complete control, the additional control provided by Olympus could significantly reduce seed production.

Table. Foxtail barley control with Varro tank mixes. (1525)									
Treatment <sup>ab</sup>	Rate	Timing	Durum		Weed Control		Jun-17	Jun-26	Aug-10
			Injury -----%	Jun-26 -----%	Foxtail barley -----%	Jun-26 -----%			
Untreated			0	0	0	0	0	0	0
Gly / Varro + Carnivore	22 oz / 6.85 oz + 1 pt	PRE / 3-leaf	9	7	72	65	65	64	64
Gly / Olympus + Varro + Carnivore	22 oz / 0.2 oz + 6.85 oz + 1 pt	PRE / 3-leaf	17	9	80	73	73	72	72
Gly + Olympus / Varro + Carnivore	22 oz + 0.2 oz / 6.85 oz + 1 pt	PRE / 3-leaf	15	10	90	82	82	82	82
Gly + Olympus / Olympus + Varro + Carnivore	22 oz + 0.2 oz / 0.2 oz + 6.85 oz + 1 pt	PRE / 3-leaf	22	8	86	91	91	81	81
Gly / Huskie Complete	22 oz / 13.7 oz	PRE / 3-leaf	15	3	71	66	66	60	60
Gly / Olympus + Huskie Complete	22 oz / 0.2 oz + 13.7 oz	PRE / 3-leaf	13	8	81	81	81	84	84
Gly + Olympus / Huskie Complete	22 oz + 0.2 oz / 13.7 oz	PRE / 3-leaf	16	11	79	74	74	69	69
Gly + Olympus / Olympus + Huskie Complete	22 oz + 0.2 oz / 0.2 oz + 13.7 oz	PRE / 3-leaf	19	12	87	89	89	84	84
Gly	22 oz	PRE	0	0	45	35	35	30	30
LSD (0.05)			6.2	7.4	4.4	6.7	6.7	11.4	11.4

<sup>a</sup> AMS applied with all treatments at 1.47 gal/100 gal

<sup>b</sup> Gly=Glyphosate