

Evaluation of Quelex for preplant weed control in HRSW

Quelex was recently registered for postemergence use in small grains. This study evaluated Quelex for preplant weed control compared to other standard herbicides. Treatments were applied May 7 and wheat was planted May 12. No wheat injury was observed.

Durango (glyphosate) plus Sharpen or Aim (Group 14 herbicides) provided about 25% less dandelion control compared to Durango applied alone or Durango tank mixed with Quelex or Clarity (based on June 15 evaluation). All treatments provided good control of emerged wild buckwheat and lambsquarters.

Table. Evaluation of Quelex for preplant weed control in HRSW. (1614)									
Treatment ^{ac}	Rate	Weed Control ^b							
		Dand			Wibw			Colq	
		May-12	May-24	Jun-15	May-12	May-24	Jun-15	May-24	Jun-15
		-----%-----							
Untreated		0	0	0	0	0	0	0	0
Durango	18 oz	20	93	86	17	97	82	100	83
Quelex + Durango	0.75 oz + 18 oz	17	93	88	23	100	86	100	87
Sharpen + Durango	1 oz + 18 oz	70	77	62	70	100	86	100	88
Clarity + Durango	4 oz + 18 oz	23	91	86	40	100	81	100	88
Aim + Durango	2 oz + 18 oz	52	74	63	57	100	81	100	77
LSD (0.05)		12.8	5.7	10.4	7.2	3.4	3.8	0	10.3
^a All treatments applied with AMS (2.5 gal/100 gal)									
^b Dand=Dandelion; Wibw=Wild buckwheat; Colq=Common lambsquarters									
^c Treatments applied May 7 and wheat planted May 12									