

Fall dandelion control with Glyphosate, Valor, and adjuvants

The objective of this study was to evaluate fall dandelion control with glyphosate and Valor tank mixes. Treatments were applied September 28, 2017 to a moderate to heavy dandelion population. Glyphosate was applied at 32 fl oz (4.5 lb ae/gal) in all treatments. Valor was applied at 2 or 3 oz with or without MSO. These treatments were compared to Glyphosate alone, Glyphosate + Express or 2,4-D, Foundation (sulfentrazone + triclopyr + dicamba + 2,4-D), and Horsepower (triclopyr + dicamba + MCPA ester).

Glyphosate alone, Glyphosate + Express or 2,4-D, Foundation, and Horsepower provided 88-92% dandelion control at the July evaluation. Treatments containing Valor provided 77-84% dandelion control.

Table. Fall dandelion control with Glyphosate, Valor, and adjuvants. (1803)			Weed Control	
Treatment	Rate	Timing	Dandelion	
			May-18	Jul-18
			-----%-----	
Untreated			0	0
Glyphosate ^a	32 oz	Fall	97	90
Glyphosate + Valor ^a	32 oz + 2 oz	Fall	99	81
Glyphosate + Valor ^{ab}	32 oz + 2 oz	Fall	98	81
Glyphosate + Valor ^a	32 oz + 3 oz	Fall	98	79
Glyphosate + Valor ^{ab}	32 oz + 3 oz	Fall	97	77
Glyphosate + Valor + 2,4-D ^a	32 oz + 3 oz + 1 pt	Fall	98	84
Glyphosate + Valor + 2,4-D ^{ab}	32 oz + 3 oz + 1 pt	Fall	97	82
Glyphosate ^a + Express ^c	32 oz + 0.3 oz	Fall	99	92
Glyphosate ^a + 2,4-D	32 oz + 1 pt	Fall	99	88
Foundation	4 pt	Fall	98	89
Horsepower	3 pt	Fall	97	90
LSD (0.05)			2.2	4.8
^a Applied with AMS (2.5 gal)				
^b Applied with MSO (1%)				
^c Applied with NIS (0.25%)				