Residual broadleaf weed control with soil-applied Express + Ally

The objective of this study was to evaluate residual broadleaf weed control from a soil-applied treatment of Express + Ally compared to other commercial products. All treatments were applied in a chemical fallow situation on May 19. Grasses were controlled with later applications of Select. The goal was to determine which weeds would be controlled and for how long by a preplant application. All treatments generally provided good weed control from the May 19 application date through the June 25 evaluation. However, by mid-July several weeds started to break through. Express + Ally tank mixed with glyphosate controlled all weeds as well as or better than other treatments.

Table. Residual broadleaf weed control with soil-applied Express + Ally. (1124)

		Weed Control[b]											
		Howe		Wibw		Colq		Rrpw		Prle		Shep	
Treatment[a]	Rate	25-Jun	19-Jul	25-Jun	19-Jul	25-Jun	19-Jul	25-Jun	19-Jul	25-Jun	19-Jul	25-Jun	19-Jul
		----------%----------											
Untreated		0	0	0	0	0	0	0	0	0	0	0	0
Glyphosate	1 qt	78	40	98	50	98	43	87	25	98	97	90	43
Express + Ally	0.25 oz + 0.036 oz	98	83	99	73	100	57	99	70	100	100	95	55
Express + Ally	0.5oz + 0.036 oz	98	87	99	62	100	60	99	77	100	100	97	57
Gly + Express + Ally	1 qt + 0.25 oz + 0.036 oz	99	87	100	87	100	63	99	82	100	100	95	52
Gly + Express + Ally	1 qt + 0.5 oz + 0.036 oz	98	85	100	77	100	58	100	73	100	100	96	50
Gly + Orion	1 qt + 17 fl oz	98	87	97	57	100	53	97	57	100	100	100	60
Gly + Sharpen	1 qt + 1 fl oz	99	91	98	73	100	67	97	62	100	100	82	37
LSD (0.05)		3	9	4	21	3	18	3	10	2	4	16	18
CV		2	7	2	20	2	21	2	10	1	2	11	23

[a] *All treatments applied May 19 in fallow; All Express + Ally treatments applied with NIS (0.25%); Glyphosate applied with AMS (2.5%); Sharpen applied with MSO (1%); Gly=Glyphosate*

[b] *Howe=Horseweed; Wibw=Wild buckwheat; Colq=Common lambsquarters; Rrpw=Redroot pigweed; Prle=Prickly lettuce; Shep=Shepherdspurse*