

## Weed control with increased Liberty rates in soybean

The objective of the study was to evaluate weed control with Liberty applied at different timings, rates, and tank mixes. Treatments were applied preemergence (PRE), to 3-inch weeds, 6-inch weeds, or prior to bloom.

Treatments with late POST applications or split POST applications provided excellent control of all weeds. A PRE followed by a single early POST application provided fair to good weed control.

Title. Weed control with increased Liberty rates in soybean. (1736)												
			Soybean		Weed Control <sup>b</sup>							
			Injury		Colq		Howe		Wibw		Yeft	
Treatment <sup>ab</sup>	Rate	Timing	Jul-2	Jul-31	Jul-2	Jul-31	Jul-2	Jul-31	Jul-2	Jul-31	Jul-2	Jul-31
			----%----		------%-----							
Untreated			0	0	0	0	0	0	0	0	0	0
Spartan Ch / Liberty / Liberty	5 oz / 32 oz / 32 oz	PRE / <3" weeds / <3" weeds	4	0	98	99	95	99	98	99	83	99
Spartan Ch / Liberty / Liberty	5 oz / 43 oz / 43 oz	PRE / 6" weeds / prior bloom	9	0	87	99	84	99	95	99	77	99
Spartan Ch / Liberty	5 oz / 32 oz	PRE / <3" weeds	3	0	99	93	98	81	99	99	85	76
Spartan Ch / Liberty	5 oz / 43 oz	PRE / 6" weeds	8	0	89	86	86	99	95	99	76	91
Spartan Ch / Liberty + Warrant	5 oz / 32 oz + 3 pt	PRE / <3" weeds	5	0	96	91	87	84	99	99	81	75
Spartan Ch / Liberty + Outlook	5 oz / 32 oz + 21 oz	PRE / <3 weeds	17	0	98	94	99	90	99	99	91	78
Spartan Ch / Liberty + Dual II Mag	5 oz / 32 oz + 2 pt	PRE / <3" weeds	25	0	98	99	93	96	98	99	86	76
Spartan Ch / Liberty / Liberty	5 oz / 32 oz / 43 oz	PRE / 6" weeds / prior bloom	7	0	88	99	81	99	95	99	77	99
LSD (0.05)			3.6	NS	5.9	13.6	12.1	10.3	1.5	NS	3.2	4.8
<sup>a</sup> Liberty applied with AMS (8.2 gal/100 gal)												
<sup>b</sup> Spartan Ch=Spartan Charge												
<sup>c</sup> Colq=Common lambsquarters; Howe=Horseweed; Wib w=Wild buckwheat; Yeft=Yellow foxtail												