

**Study Name:** Weed control and SU-Sunflower tolerance to Express (0724)

**Objectives:** Evaluation of weed control and crop tolerance in Express-resistant sunflower

**Results:**

Very little crop injury was observed with any treatment. The visible injury was temporary, overall chlorosis. All treatments provided excellent redroot pigweed control.

Treatment	Rate	Timing	Sunflower			Rrpw <sup>a</sup>		Sunflower	
			-----% injury-----			% control		Yield lb/A	Test wt. lb/bu
			Jul 7	Jul 14	Aug 9	Jul 14	Aug 9		
Prowl H2O / Express	1.75pt / 0.125oz	PRE / V4-V6	2	0	0	94	93	377	31.9
Prowl H2O / Express	1.75pt / 0.25oz	PRE / V4-V6	6	2	0	98	98	459	33.0
Spartan / Express	4.5fl oz / 0.125oz	PRE / V4-V6	3	0	0	97	97	411	31.2
Spartan / Express	4.5fl oz / 0.25oz	PRE / V4-V6	6	2	0	100	99	351	32.2
Express	0.125oz	V4-V6	3	0	0	92	90	401	31.6
Express	0.25oz	V4-V6	6	2	0	98	99	357	33.2
Untreated Check			0	0	0	0	0	267	33.8
LSD (0.05)			1.4	0.5	NS	3.4	3.9	NS	NS
CV			21.6	29.6	0	2.3	2.7	31.3	4.12

<sup>a</sup> Rrpw = Redroot pigweed