

Weed control and crop tolerance in Clearfield sunflower (2004)

There was no sunflower injury regardless of treatment.

Table. Weed control and crop tolerance in Clearfield sunflower

Treatment ^a	Rate	Timing	Yellow foxtail			Redroot pigweed			Sunflower				Yield	Test Wt
			Jun 22	Jul 20	Aug 12	Jun 22	Jul 20	Aug 12	Jun 22	Jul 9	Jul 20	Aug 12	Oct 27	
			————% control ————						———% injury ——				lb/A	lb/bu
Sonalan/ Select	3 pt/ 6 fl oz	PPI/ POST	98	100	99	98	95	98	0	0	0	0	1928	27.6
Spartan/ Select	5.33 oz/ 6 fl oz	PPI/ POST	93	93	95	93	80	92	0	0	0	0	1541	27.6
Sonalan + Spartan/ Select	2 pt + 3 oz/ 6 fl oz	PPI/ POST	96	99	99	96	96	98	0	0	0	0	1771	27.5
Sonalan/ Beyond	2 pt/ 4 fl oz	PPI/ POST	96	99	99	97	99	99	0	3	0	0	1750	27.3
Spartan/ Beyond	3 oz/ 4 fl oz	PRE/ POST	91	95	90	98	100	100	0	4	0	0	1780	27.4
Prowl H2O/ Beyond	2.1 pt/ 4 fl oz	PPI/ POST	95	98	99	90	99	100	0	3	0	0	2042	27.9
Sonalan/ Beyond	2 pt/ 2 fl oz	PPI/ POST	98	99	99	94	99	100	0	1	0	0	1860	27.6
Spartan/ Beyond	3 oz/ 2 fl oz	PRE/ POST	94	92	89	98	100	99	0	1	0	0	1543	26.1
Prowl H2O/ Beyond	2.1 pt/ 2 fl oz	PPI/ POST	96	97	96	91	98	100	0	1	0	0	1930	27.4
Beyond	4 fl oz	POST	0	93	88	0	96	99	0	4	0	0	1275	26.8
Untreated			0	0	0	0	0	0	0	0	0	0	555	27.8
LSD (0.05)			2	6	7	3	16	2	NS	1	NS	NS	299	NS
CV			2	4	4	2	10	1	0	47	0	0	11	2.5

^aSelect treatments were applied with COC at 1% v/v, and Beyond treatments were applied with NIS at 0.25% v/v, and 28% N at 2.5% v/v.