

Volunteer canola control in sunflower (2005)

Clearfield sunflowers were seeded May 17 at 20,000 plants/A into 30-inch rows. Canola was then seeded over the top to simulate a volunteer canola (VC) situation. Herbicide treatments were applied preemergence (PRE), 3-leaf canola, and 6-leaf canola on May 19, June 16, and June 23, respectively. Individual plots were 10 x 30 ft and replicated three times.

Spartan provided only fair control of VC. Express and Assert at 0.6 or 0.8 pt provided good to excellent VC control at either application stage. These results are generally similar to the study conducted in 2004.

Treatment	Rate	Timing	Volunteer canola	
			Jun 30	Jul 14
			———— % control ————	
Spartan	4 oz	PRE	80	69
Express + NIS	0.167 oz + 0.125% v/v	3-leaf	96	95
Express + NIS	0.167 oz + 0.125% v/v	6-leaf	74	91
Assert + NIS	0.8 pt + 0.25% v/v	3-leaf	92	94
Assert + NIS	0.8 pt + 0.25% v/v	6-leaf	69	87
Assert + NIS	0.6 pt + 0.25% v/v	3-leaf	89	94
Assert + NIS	0.6 pt + 0.25% v/v	6-leaf	66	83
Untreated			0	0
LSD (0.05)			7	6
CV			6	4

