

### Volunteer canola control in soybean (2004)

Roundup Ready soybeans were seeded May 18 at 80 lb/A into 7.5-inch rows. Canola was seeded over the top to simulate a volunteer canola (VC) situation. Individual plots were 10 x 30 ft and replicated 3 times. Herbicide treatments were applied preemergence (PRE), 3-leaf canola, and 6-leaf canola on May 18, June 18, and June 28, respectively.

In soybeans, soil-applied Valor and Extreme provided excellent VC control, while Sencor and Python provided fair to good control. Raptor and Flexstar, applied postemergence, provided excellent VC control at both timings. Harmony GT, Basagran, and Cobra provided much less control when applied at the 6-leaf stage. Ultra Blazer at 0.5 pt provided poor VC control at either timing. In 2003, both 0.33 and 0.75 pt provided excellent VC control. Cool and cloudy conditions during the 2004 growing season may have reduced Ultra Blazer activity.

Treatment	Rate	Timing	Volunteer Canola	
			Jul 8	Jul 28
			—— % control ——	
Sencor	0.25 lb	PRE	79	83
Valor	2.5 oz	PRE	99	98
Python	1 oz	PRE	73	79
Extreme	1.5 pt	PRE	98	96
Harmony GT + NIS	0.083 oz + 0.125% v/v	3-leaf	88	77
Harmony GT + NIS	0.083 oz + 0.125% v/v	6-leaf	35	60
Basagran + COC	0.5 pt + 1 qt	3-leaf	76	90
Basagran + COC	0.5 pt + 1 qt	6-leaf	53	71
Raptor + NIS + 28% N	4 fl oz + 0.25% v/v + 2.5% v/v	3-leaf	98	98
Raptor + NIS + 28% N	4 fl oz + 0.25% v/v + 2.5% v/v	6-leaf	77	98
Cobra + COC	6 fl oz + 1 qt	3-leaf	73	85
Cobra + COC	6 fl oz + 1 qt	6-leaf	40	35
Ultra Blazer + NIS	0.5 pt + 0.125% v/v	3-leaf	22	45
Ultra Blazer + NIS	0.5 pt + 0.125% v/v	6-leaf	32	28
Flexstar + MSO + AMS	0.75 pt + 1% v/v + 2.94 gal/100 gal	3-leaf	99	99
Flexstar + MSO + AMS	0.75 pt + 1% v/v + 2.94 gal/100 gal	6-leaf	95	97
Untreated			0	0
LSD (0.05)			16	22
CV			14	18