

Study Name: Spring-seeded Roundup Ready canola under conventional tillage system

Study Number: 9940C

Objectives: Compare spring-seeded canola in conventional tillage to no-till (see 9940N)

Results: Weed control was better with Roundup applied in a split application at 1pt/1pt or 0.5pt/0.5pt compared to a single 1 pt application. Roundup was slightly weaker on wild buckwheat and common mallow even with the split applications. Surprisingly, canola yield was better in the plot that received only the single application.

Table. Spring-seeded Roundup Ready canola under conventional tillage system.

Treatment	Rate	<u>June 26</u>					<u>July 26</u>					<u>Aug. 9</u>
		Fxtl ¹	Colq	Rrpw	Wibw	Coma	Fxtl ¹	Colq	Rrpw	Wibw	Coma	Yield
		-----Control (%)-----										lb/A
Roundup + AMS	1 pt + 1%	70	70	80	70	70	65	65	80	65	65	1986
Roundup + AMS + Roundup + AMS	1 pt + 1% + 1 pt + 1%	99	100	100	95	98	92	100	100	90	95	1873
Roundup + AMS + Roundup + AMS	0.5 pt + 1% + 0.5 pt + 1%	99	99	100	90	90	86	96	96	85	75	1845
Check		0	0	0	0	0	0	0	0	0	0	1440

Fxtl¹--Foxtails