

# Herbicides on 2023 Conventional Spring Canola in the Idaho Palouse



Trial Treatments					Italian Ryegrass Control	
TRT	Pre-plant burn down	Pre-Emerge	2-3 leaf	4-5 leaf	June 6 (pre-emerge trts)	June 16 (post-emerge trts)
1	Glyphosate, Dual Magnum 16 fl oz, Command 4.7 fl oz				5.00a	3.75a
2	Glyphosate, Outlook 12 fl oz, Command 4.7 fl oz				8.75a	5.00a
3	Glyphosate, Devrniol 65 fl oz				5.00a	3.75a
4	Glyphosate, Dual Magnum 12 fl oz, Command 3.5 fl oz				6.25a	3.75a
5	Glyphosate, Outlook 9 fl oz, Command 3.5 fl oz				5.00a	3.75a
6	Glyphosate, Dual Magnum 12 fl oz, Command 3.5 fl oz	Glyphosate, Dual Magnum 8 fl oz, Command 2.33 fl oz			6.25a	3.75a
7	Glyphosate, Outlook 9 fl oz, Command 3.5 fl oz	Glyphosate, Outlook 6 fl oz, Command 2.33 fl oz			6.25a	5.00a
8		Glyphosate, Dual Magnum 12 fl oz, Command 3.5 fl oz			3.75a	5.00a
9		Glyphosate, Outlook 9 fl oz, Command 3.5 fl oz			5.00a	3.75a
10		Glyphosate, Dual Magnum 12 fl oz, Command 3.5 fl oz	Dual Magnum 12 fl oz, Clethodim 6 fl oz		10.00a	5.00a
11		Glyphosate, Outlook 9 fl oz, Command 3.5 fl oz	Outlook 9 fl oz, Clethodim 6 fl oz		3.75a	2.50a
12		Glyphosate, Dual Magnum 12 fl oz, Command 3.5 fl oz		Clethodim 6 fl oz	5.00a	5.00a
13		Glyphosate, Outlook 9 fl oz, Command 3.5 fl oz		Clethodim 6 fl oz	5.00a	3.75a
14		Glyphosate, Dual Magnum 12 fl oz, Command 3.5 fl oz		Clethodim 6 fl oz, AMS 17 lb/100	6.25a	3.75a
15		Glyphosate, Outlook 9 fl oz, Command 3.5 fl oz		Clethodim 6 fl oz, AMS 17 lb/100	5.00a	3.75a
16		Glyphosate, Dual Magnum 12 fl oz, Command 3.5 fl oz		Clethodim 6 fl oz, Poast 2.5 pt	12.50a	8.75a
17		Glyphosate, Outlook 9 fl oz, Command 3.5 fl oz		Clethodim 6 fl oz, Poast 2.5 pt	5.00a	2.50a
18		Glyphosate, Dual Magnum 12 fl oz, Command 3.5 fl oz		Poast 2.5 pt	8.75a	3.75a
19		Glyphosate, Outlook 9 fl oz, Command 3.5 fl oz		Poast 2.5 pt	5.00a	2.50a
20	Glyphosate				0.00a	0.00a
21		Glyphosate			0.00a	0.00a
22	n/a	n/a	n/a	n/a		

- The trial site had heavy Italian Ryegrass pressure, likely group 1 resistant.
- Following the pre-plant application, there were two days of warm, dry weather before 0.43 inches of rain over the next three days. Within 24 hours of the pre-emerge application, 0.10 inches of precipitation was recorded, with an additional 0.14 inches within ten days.
- All pre-plant treatments resulted in 100% control when rated May 16.
- Many treatments resulted in possible rye stunting, and some led to rye injury, but suppressed rye still set seed.
- No Lambsquarter weed control was achieved by any treatment.
- No phytotoxicity was observed from any treatment.
- Yield was not statistically different between treatments.

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