

Pre-Seed Weed Control Prior To Wheat and Barley

March 31, 2015



Situation: 2015 is shaping up to be an ideal spring for pre-seed weed control in direct seeding systems. Many cereal growers are planning for a pre-seed glyphosate weed control treatment. Growers seeding a wheat or barley crop this spring, particularly on canola stubble, will need to plan for control of volunteer canola, including glyphosate tolerant volunteers, and potential glyphosate tolerant weeds like kochia.

Solution: Apply **2,4-D with your glyphosate** as a tank mix prior to seeding wheat, for excellent control of a broad range of perennial and annual weeds, including **kochia** and **volunteer glyphosate tolerant canola**¹.

***2,4-D Rates For Pre-Seed Control of Kochia and Volunteer Glyphosate Tolerant Canola**

Kochia and Volunteer Canola Stage	2,4-D Ester 700 Rate (L/Acre)	2,4-D Amine 600 Rate (L/Acre)
< 8 cm	0.2 – 0.32	0.22 – 0.37
≥ 8 cm	0.34 – 0.43	0.4 – 0.5

*2,4-D + glyphosate pre-seed applications registered for wheat, winter wheat, barley, and rye only

¹ Refer to 2,4-D labels for complete information on directions for use and weeds controlled

Guidelines for Best Results:

- **Staging – Spray early. Volunteer canola is most susceptible prior to the 4 leaf stage.**
- **Rate – Apply at labeled rates.** Refer to table above
- **2,4-D Formulation –** For applications to weeds > 8 cm, 2,4-D Ester 700 is best.
- **Application to Seeding Interval: Wait 3 days** or more after application and before seeding for best weed control and crop safety.

Additional Herbicide Control Options of Volunteer Canola Prior to Cereals and Other Crops

1. **IPCO Logic® M** (bromoxynil/MCPA) can be used prior to oats, corn, canaryseed, and seedling grasses, in addition to wheat, barley, and rye.
2. **IPCO MCPA Amine** can be used prior to oats, corn, flax, peas, lentils, and chickpeas, in addition to wheat, barley, and rye.

Always read and follow the current IPCO [2,4-D Ester 700](#) and [2,4-D Amine 600](#) label (www.ipco.ca) directions.

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