

## **WHEAT, BARLEY, ETC. - CANADA THISTLE**

### General Information

#### GENERAL INFORMATION:

For systemic control of many broadleaf weeds in: Wheat (spring, durum and winter), Barley, Oats, stubble fields, Summer fallow, and Canary Seed (*Phalaris canariensis*).

Note: Do not underseed to legumes.

#### GROUND APPLICATION

Spray pressure: 200-300 kPa

Spray volume: minimum of 100 litres of water per hectare

Use 50 mesh screen and filters

Note: DO NOT add an acidifier to the spray mixture.

#### AERIAL APPLICATION

- Boom pressure: 235 kPa or less

- Spray volume: minimum of 30 litres of water per hectare

- Use 50 mesh screens and filters

- Avoid placing nozzles where spray will enter wing tip vortices.

Note: DO NOT add an acidifier to the spray mixture.

RESISTANCE MANAGEMENT RECOMMENDATIONS: For resistance management IPCO TRACKER XP LIQUID HERBICIDE is a group 4 herbicide. Any weed population may contain or develop plants naturally resistant to IPCO TRACKER XP LIQUID HERBICIDE and other Group 4 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance: Where possible, rotate the use of IPCO TRACKER XP LIQUID HERBICIDE or other Group 4 herbicides with different herbicide groups that control the same weeds in a field. Use tank mixtures with herbicides from a different group when such use is permitted. Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation and considers tillage (or other mechanical), cultural, biological and other chemical control practices. Monitor treated weed populations for resistance development. Prevent movement or resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed. Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed management recommendations for specific crops and weed biotypes. For further information or to report suspected resistance, contact Interprovincial Cooperative Ltd. at 1-204-233-3461.

Limitations, Restrictions, and Exceptions

CANADA THISTLE:

Program for gradual eradication of Canada Thistle:

Year 1: Summerfallow

Apply 2 L/ha when Canada Thistle is in early bud stage. Do not cultivate for a minimum of 4 weeks after application.

Observe a maximum of 2 applications per season with a minimum retreatment interval of 21 days.

Or: Post Harvest (Stubble)

Apply 2 L/ha to Canada Thistle re-growth.

Treatment at the 15-20 cm stage of actively growing Canada Thistle will provide the best results. Do not apply within 2 weeks of killing frost.

Observe a maximum of 2 applications per season with a minimum retreatment interval of 21 days.

Year 2: In Crop Apply 1.5 litres per hectare when Canada Thistle is young and actively growing. Observe all application restrictions for each crop type specified on the label

Note: Repeating this program will gradually eliminate Canada Thistle.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field\\_rates 0](#)

[field\\_rates 1](#)

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Timings

[Postemergence \(Weed\)](#)