

# **FIELD CROPS (INCLUDING POTATOES): TOBACCO - DARKSIDED CUTWORM**

## General Information

### GENERAL PRECAUTIONS

Do not get in eyes, on skin or on clothing. Avoid breathing vapour or spray mist. Handle only with adequate ventilation. See Mixer/Loader and Applicator Precautions for protective equipment requirements. Wash thoroughly with soap and water after handling and before eating or smoking. Immediately remove contaminated clothing and wash separately from other laundry before reuse. Destroy contaminated leather articles, including shoes. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. COMBUSTIBLE. Do not store or use near heat or open flame.

If this pest control product is to be used on a commodity that may be exported to the U. S. and you require information on acceptable residue levels in the U. S., visit CropLife Canada's web site at: [www.croplife.ca](http://www.croplife.ca).

### RESISTANCE MANAGEMENT

For resistance management, please note that Citadel 480 EC Insecticide contains a Group 1B insecticide. Any insect population may contain individuals naturally resistant to Citadel 480 EC Insecticide and other Group 1B insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance: Where possible, rotate the use of Citadel 480 EC Insecticide or other Group 1B insecticides with different groups that control the same pests, in a field. Use tank mixtures with insecticides from a different group when such use is permitted. Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices. Monitor treated pest populations for resistance development. Contact your local extension specialist or certified crop advisors for

any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area. For further information or to report suspected resistance contact Interprovincial Cooperative Limited at 1-204-233-3461.

### Limitations, Restrictions, and Exceptions

#### Rates and Directions:

- Do not apply more than once per season. Ground application only (DO NOT APPLY BY AIRCRAFT). Do not enter treated fields until 1 day after application
- COVER CROP TREATMENT : Dark-sided cutworms may feed on the cover crop before spring plough-down. Apply to the area planted to tobacco and to a strip about 15 m into nearby cover crop and fence rows. Application should be made in mid to late April, 4 to 5 days before plough-down. When the rye cover crop is about 15 cm tall, the cutworm larvae will be at the right stage for the best control. Cereals grown for cover crop treated with this insecticide should not be used for human or animal consumption if treated within 60 days of harvest

#### Method

[Broadcast/Foliar Ground](#)

#### Pre-Harvest Interval

60 days

#### Rates

[field rates 0](#)

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#### Timings

[Mid to late April, 4 to 5 days before plough-down.](#)