

GROUP	<b>3</b>	INSECTICIDE
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## FORCE<sup>®</sup> 15CS INSECTICIDE

INSECTICIDE

MICROCAPSULE SUSPENSION

COMMERCIAL

A soil-applied insecticide for control of corn rootworm, black cutworm, wireworms and seedcorn maggot in field, sweet, pop and seed corn.

### GUARANTEE:

Tefluthrin ..... 150 g/L

Contains 1,2-benzisothiazolin-3-one at 0.017% as a preservative.

**READ THE LABEL BEFORE USING  
KEEP OUT OF THE REACH OF CHILDREN**

**DANGER**



**POISON**

**POTENTIAL SKIN SENSITIZER**

REGISTRATION NO. 32083  
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **1L - Bulk**

### **Syngenta Canada Inc.**

140 Research Lane, Research Park  
Guelph, Ontario  
N1G 4Z3  
Telephone: 1-877-964-3682

## **NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

## **FIRST AID**

**IF POISONING IS SUSPECTED, IMMEDIATELY** contact a physician or a poison control centre. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**IF SWALLOWED**, call a poison control centre or doctor **IMMEDIATELY** for treatment advice. Have person sip a glass of water if able to swallow. . Do not induce vomiting unless told to do so by a poison control centre or doctor Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING**, take off contaminated clothing. Rinse skin **IMMEDIATELY** with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**IF INHALED**, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control centre or doctor for further treatment advice.

**IF IN EYES**, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

## **TOXICOLOGICAL INFORMATION**

In case of poisoning, treat symptomatically. In case of exposure to skin of face or other sensitive areas, some individuals may feel a tingling or numbness. This is a transitory effect and does not cause harm to skin.

## **PRECAUTIONS**

**KEEP OUT OF REACH OF CHILDREN AND ANIMALS.** Keep unused product in original container tightly closed, locked up and away from food.

Fatal or Poisonous if swallowed. Harmful if inhaled. Avoid inhaling/breathing spray or vapours. Potential skin sensitizer.

**DO NOT** enter or allow worker entry into treated areas for 12 hours following application.

Use only closed mixing/loading systems and a closed cab tractor for application.

Application is limited to agricultural crops only when there is low risk of drift to areas of human habitation or activity such as houses, cottages, schools and recreational areas, taking into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

## **PERSONAL PROTECTIVE EQUIPMENT**

Wear chemical resistant coveralls over a long sleeved shirt, long pants, socks, shoes, chemical resistant gloves, and goggles when mixing, loading, applying or during equipment clean up or repair. Closed cab application requires chemical resistant coveralls over a long-sleeved shirt, long pants, shoes plus socks, plus chemical resistant gloves for all tasks outside the cab.

Chemical resistant coveralls, gloves and goggles are not required inside a closed cab and pesticide exposed clothing should not be worn inside the closed cab.

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

All users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

If this pest control product is to be used on a commodity that may be exported to other countries in the world and you require information on acceptable residue levels in these countries, please contact Syngenta Canada Inc. at 1-87-SYNGENTA / 1-877-964-3682.

## **ENVIRONMENTAL HAZARDS**

Prevent contamination of ponds, waterways or ditches with this product.  
TOXIC to aquatic organisms.

TOXIC to birds and small wild mammals.

### **Run-off**

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body. Contour plowing should be practiced (i.e. land should be cultivated at right angles to its slope) to reduce soil erosion and pesticide run-off.

## **STORAGE**

Keep in original container, tightly closed, during storage. Store in a cool, dry, well-ventilated area away from feed and foodstuffs, and out of the reach of children and animals. To prevent contamination store this product away from food or feed. DO NOT allow product to freeze.

## **DECONTAMINATION AND DISPOSAL**

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for cleanup of spills.

### **CONTAINER DISPOSAL:**

#### **Non-refillable container:**

Do not reuse or refill this container. Completely empty bag into application equipment, then render unsuitable for further use and dispose of according to provincial requirements.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING  
CALL 1-800-327-8633 (FASTMED)***

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## GENERAL INFORMATION

FORCE 15CS Insecticide is a synthetic pyrethroid soil insecticide applied at planting as a band or in-furrow treatment for control of Northern and Western corn rootworm, black cutworm or in-furrow to control wireworms, seedcorn maggot in field, sweet, pop and seed corn.

FORCE 15CS Insecticide is not systemic, and does not control insects which burrow into or feed on corn stalks, leaves, or ears.

## DIRECTIONS FOR USE

<b>CORN (FIELD, SWEET, POP AND SEED)</b>	
<b>CROP</b>	Corn (field, sweet, pop and seed)
<b>Application Method</b>	T-band application through a planter mounted insecticide applicator
<b>PEST</b>	Northern and Western corn rootworm and black cutworm
<b>RATE</b>	7.5 mL product/100 m of row  See Rate Conversion Chart – Corn for rates per 100 m row.
<b>BANDED APPLICATION TIMING</b>	Apply a 15-20 cm wide band centered over the seed furrow through a planter mounted insecticide applicator. The band should be applied ahead of the planter's press wheels and then incorporated into the top 1-2 cm of soil by tines or by dragging a short length of chain behind the press wheels. If using a planter with the insecticide applicators behind the press wheels, ensure incorporation into the top 1-2 cm of soil. It is recommended that wind-guards be used to ensure proper placement of FORCE 15CS Insecticide.  Follow application equipment manufacturer's recommendations for spray preparation and calibration to deliver the recommended Force 15CS Insecticide rates.
<b>Application Method</b>	In-furrow application through a planter mounted insecticide applicator



<b>PEST</b>	Northern and Western corn rootworm, black cutworm, wireworms and seedcorn maggot
<b>RATE</b>	7.5 mL product/100 m of row
<b>In-furrow APPLICATION TIMING</b>	Apply FORCE 15CS Insecticide in the furrow with the seed 2-5 cm deep FORCE 15CS Insecticide should be applied directly behind the seed tube into the open seed furrow. Follow application equipment manufacturer's recommendations for spray preparation and calibration to deliver the recommended FORCE 15CS Insecticide rates.
<b>NOTES</b>	Corn forage, grain, cobs, and other plant portions may be fed to livestock. Rotational crops may be planted no sooner than 30 days after application. <b>DO NOT APPLY BY AIR.</b> <b>NOTE FOR BANDED APPLICATIONS:</b> In regions where seedcorn maggot and wireworm are common, these may be controlled by treatment of seed with a registered product. Follow product label for rates and directions for use.

FORCE 15CS Insecticide used at 7.5 mL of product per 100 metres of row converts to the following quantities per planted corn acreage.

<b>Row Spacing</b>	<b>FORCE 15CS Insecticide (L) per ha</b>	<b>1 container of FORCE 15CS Insecticide (10L) will treat</b>
76 cm	0.98 L	10.2 ha
91 cm	0.82 L	12.2 ha
100 cm	0.75 L	13.3 ha

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, FORCE 15CS Insecticide contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to FORCE 15CS Insecticide and other Group 3 insecticides. The resistant individuals may dominate the insect/mite population if this group of insecticides is 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 FORCE 15CS Insecticide or other Group 3 insecticides with different groups that control the same pests.

Use tank mixtures with insecticides from a different group that is effective on the target pest when such use is permitted.

Insecticide use should be based on an IPM program that includes scouting and 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 company representatives at 1-87-SYNGENTA (1-877-964-3682) or at [www.syngenta.ca](http://www.syngenta.ca).

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