

2020-0039  
2020-04-01

GROUP	3	INSECTICIDE
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Poleci 2.5 EC  
Eastern Insecticide

FOR SALE FOR USE IN EASTERN CANADA AND BRITISH COLUMBIA

COMMERCIAL

WARNING  
{Skull and Crossbones with Diamond}  
POISON

EYE AND SKIN IRRITANT

POTENTIAL SKIN SENSITIZER

READ THE LABEL AND PAMPHLET BEFORE USING

REGISTRATION NO. 32446 PEST CONTROL PRODUCTS ACT

ACTIVE INGREDIENT: Deltamethrin 25 g/L

NET CONTENTS: 1-1050 Litres and Bulk

Sharda Cropchem Limited  
2<sup>nd</sup> Floor, Prime Business Park  
Dashrathlal Joshi Road  
Vile Parle (West)  
Mumbai, 400056, India

Sharda Cropchem Limited  
601 – 402 – 21<sup>st</sup> Street East  
Saskatoon SK S7K 0C3  
1-888-931-2530

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**PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.** Harmful or fatal if swallowed. Causes eye irritation. May irritate skin. DO NOT get in eyes or on skin. Potential skin sensitizer. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Wear a long-sleeved shirt and long pants (or coveralls), chemical-resistant gloves and goggles or face shield during mixing/loading, clean up and repair. Workers must wear chemical-resistant gloves and a respirator with either a NIOSH approved organic vapour-removing cartridge with a prefilter approved for pesticides or a NIOSH approved canister approved for pesticides when mixing, loading and applying deltamethrin using mechanically pressurized handgun equipment.

Change contaminated clothing daily and wash, separate from other laundry, before reusing. Clean protective equipment daily. DO NOT handle product with bare hands. Chemical resistant gloves significantly reduce hand exposure.

DO NOT USE LEATHER OR CLOTH GLOVES. Rinse gloves with soap and water before removal, and wash hands thoroughly before eating, smoking or drinking.

Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.

**FIRST AID:**

IF SWALLOWED call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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.

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.

Take container, label or product name and Pest Control Product registration number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION**

This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Skin exposure may cause transient sensations (tingling, burning, itching, numbness). Treat symptomatically.

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## **ENVIRONMENTAL PRECAUTIONS**

**TOXIC** to aquatic organisms. This product contains an active ingredient and aromatic petroleum distillates, which are toxic to aquatic organisms. Observe buffer zones specified under **DIRECTIONS FOR USE**.

Toxic to small wild mammals.

**TOXIC** to bees. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Avoid applications during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to the evening when most bees are not foraging. Avoid applications when bees are foraging in the treatment area in ground cover containing blooming weeds. To further minimize exposure to pollinators, refer to the complete guidance “Protecting Pollinators during Pesticide Spraying – Best Management Practices” on the Health Canada website ([www.canada.ca/pollinators](http://www.canada.ca/pollinators)).

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland. Deltamethrin may impact predatory and parasitic arthropod species used in IPM programs within the treatment area. Unsprayed refugia for beneficial species of at least 1 metre from treatment area will help maintain beneficial arthropod populations.

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 of this product 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.

Toxic to bees and other beneficial insects. May harm bees and other beneficial insects used in greenhouse production. Avoid application when bees or other beneficial insects are actively foraging in the treatment area.

**DO NOT** allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waste.

## **STORAGE**

Store this product away from food or feed. Keep away from fire or open flame or other sources of heat. **CANNOT BE STORED BELOW FREEZING**. If stored for one year or longer, shake vigorously before using. Keep in original container during storage.

## **DISPOSAL**

### **FOR RECYCLABLE CONTAINERS:**

Do not reuse this container for any purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.

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2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

**FOR RETURNABLE CONTAINERS:**

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**FOR REFILLABLE CONTAINERS:**

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose.

**DISPOSAL OF UNUSED, UNWANTED PRODUCT**

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.

**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.

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FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND THE PEACE RIVER REGION  
OF BRITISH COLUMBIA ONLY

GENERAL INFORMATION

Poleci 2.5 EC Eastern Insecticide is not a systemic product. It controls insects through contact and/or ingestion. For maximum efficacy, it is necessary to:

- keep crop and pest under observation to be able to spray at the right moment.
- ensure that insects are contacted during spraying, especially if they are found on the underside of leaves or if the foliage is very dense.

The volumes of water may vary greatly, depending on the equipment, the crop, and cultural conditions. Actual volumes of water to be used will vary between 11 and 1000 litres per hectare. The distribution of the product over plant surfaces must be as uniform as possible where the insects are moving and/or feeding.

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Change contaminated clothing daily and wash, separate from other laundry, before reusing. Clean protective equipment daily. **DO NOT** handle product with bare hands. Chemical resistant gloves significantly reduce hand exposure.

**DO NOT USE LEATHER OR CLOTH GLOVES.** Rinse gloves with soap and water before removal, and wash hands thoroughly before eating, smoking or drinking.

Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.

**FIRST AID**

**IF SWALLOWED** call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland. Deltamethrin may impact predatory and parasitic arthropod species used in IPM programs within the treatment area. Unsprayed refugia for beneficial species of at least 1 metre from treatment area will help maintain beneficial arthropod populations.

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 of this product 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.

Toxic to bees and other beneficial insects. May harm bees and other beneficial insects used in greenhouse production. Avoid application when bees or other beneficial insects are actively foraging in the treatment area.

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## STORAGE

Store this product away from food or feed. Keep away from fire or open flame or other sources of heat. CANNOT BE STORED BELOW FREEZING. If stored for one year or longer, shake vigorously before using. Keep in original container during storage.

## DISPOSAL

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**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.

## GENERAL INFORMATION

For use in Eastern Canada and British Columbia.

Poleci 2.5 EC Eastern Insecticide is not a systemic product.

Poleci 2.5 EC Eastern Insecticide controls insects through contact and/or ingestion.

## DIRECTIONS FOR USE

## APPLICATION INSTRUCTIONS:



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Use sufficient water to ensure thorough, uniform coverage over entire plant surface for optimum insect control. More water may be required when dense foliage is present and depending on the type of spray equipment used.

Thorough wetting of all plants is essential for good results.

Apply Poleci 2.5 EC Eastern Insecticide by air to only the crops specified in this label.

If using aerial application equipment, refer to Aerial Application and Environmental Precautions for instructions and cautions to follow.

**DO NOT** apply using handheld or automated fogging, or mist blower.

**DO NOT** enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 12 hours.

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

To protect pollinators, follow the instructions regarding bees in the Environmental Precautions section.

#### SPECIAL INSTRUCTIONS FOR USE OF POLECI 2.5 EC EASTERN INSECTICIDE ON HIGH ORGANIC (MUCK) SOILS:

In soils with high organic content (muck soils), special care in the application of Poleci 2.5 EC Eastern Insecticide is necessary.

Apply no more than 400 mL of product per hectare.

Poleci 2.5 EC Eastern Insecticide should be applied only **ONCE** during each crop year on muck soil, prior to August 1.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 8 km/h at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Air-induction nozzles must be used for the ground application of this product. Boom height must be 60 cm or less above the crop or ground.

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

Aerial application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 8 km/h at flying height at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium-coarse classification. **DO NOT** apply under weather

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conditions of less than 50% relative humidity and temperatures greater than 20°C. Nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing- or rotorspan.

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment. Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

#### USE PRECAUTIONS:

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *National Aerial Pesticide Application Manual*, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides. Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified buffer zones should be observed. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

#### OPERATOR PRECAUTIONS:

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted. It is desirable that the pilot have communication capabilities at each treatment site at the time of application. The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

#### PRODUCT SPECIFIC PRECAUTIONS:

EXERCISE EXTREME CAUTION DURING THE AERIAL APPLICATION OF ANY INSECTICIDE, HERBICIDE OR FUNGICIDE. Drift of pesticides is not always visible with the human eye. Small droplets may drift into sensitive areas without obvious signs of danger.

Follow these directions precisely!

Read and understand the entire label before opening this product. If you have questions, call the manufacturer or obtain technical advice from the distributor, your provincial agricultural representative.

#### **Buffer zones:**

Spot treatments using hand-held equipment DO NOT require a buffer zone.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop		Buffer Zones (metres) Required for the Protection of:				
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial habitat
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Shelterbelts		4	2	120	120	1
	Tobacco (pre-plant)		1	1	55	25	1
	Tobacco (post plant)		1	1	30	15	0
	Tobacco (cover crop)		1	1	15	10	0
	Pepper, field corn, seed corn, sweet corn		1	1	45	20	1
	Alfalfa (seed production only), potato (High organic muck soils), Potato (non-organic soil)		1	1	35	15	1
	Broccoli, Brussels sprout, cabbage, cauliflower, kale		2	1	30	15	1
	Asparagus, strawberry		1	1	30	15	1
	Canola, mustard, rapeseed, onion, high organic muck soils: broccoli, Brussels sprout, cabbage, cauliflower, sweet corn		1	1	30	15	0
	Tomato, barley, flax, oat, wheat, rangeland, pasture, lowbush blueberry, high organic muck soils tomato.		1	1	25	10	0
	Sunflower, rye or wheat cover crop		1	1	15	10	0
Airblast	Shelterbelts	Early growth stage	55	45	105	95	10
		Late growth stage	45	35	95	85	5
	Apple	Early growth stage	45	35	80	75	2
		Late growth stage	35	25	70	65	2
	Pear	Early growth stage	45	35	85	75	3
		Late growth stage	35	25	75	65	2
	Highbush blueberry	Early growth stage	40	30	80	70	2
		Late growth stage	30	20	70	60	1
	Peach	Early growth stage	30	20	80	70	0
		Late growth stage	20	10	70	60	0
Aerial	Sweet corn (1 × 600 mL/ha)	Fixed wing	45	15	800	800	1
		Rotary wing	30	10	800	800	10
	Potato, wheat, barley, oat, flax, pasture, rangeland (2 × 300 mL/ha)	Fixed wing	40	10	800	800	1
		Rotary wing	25	10	800	750	5
	Barley, flax, oat, wheat,	Fixed wing	20	10	800	800	1

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sweet corn (high organic muck soils) (1 × 400 mL/ha)	Rotary wing	15	10	800	800	1
	Fixed wing	15	10	800	800	1
Canola (rapeseed), mustard, potato (high organic muck soils) (1 × 300 mL/ha)	Rotary wing	10	5	800	750	1
	Fixed wing	10	5	800	800	0
Sunflower (1 × 200 mL/ha)	Rotary wing	10	5	800	575	0

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The buffer zones for airblast application of this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the PMRA website. Buffer zones for field sprayer or aerial application CANNOT be modified using the Buffer Zone Calculator.

USE ONLY FOR RECOMMENDED PURPOSES AT RECOMMENDED RATES.

#### Crops, Insects, Rates, and Timing

CROP	INSECTS	RECOMMENDATIONS	RATE
Alfalfa (seed production only)	Alfalfa Weevil, Lygus Bug	<b>GROUND</b>	
		Apply when insects are present or according to provincial recommendations. Use the higher rate when the Alfalfa Weevil is present.	400-500 mL/ha in 200-300 L/ha of water
DO NOT apply more than once per year. DO NOT apply within 20 days of harvest.			
Apples	Apple Aphid  Apple Brown Bug Mullein Plant Bug  Apple Leaf Curling Midge  Codling Moth	<b>GROUND</b>	
		Apply according to provincial recommendations, usually 17-21 days after petal fall (calyx).	400 mL/ha (136 mL/1000 L of water)
		Apply when bugs are present. Follow provincial recommendations.	400 mL/ha (136 mL/1000 L of water)
		Apply when first signs of damage are visible.	400-500 mL/ha (136-170 mL/1000 L of water)
		Apply 7 to 10 days after petal fall (calyx). Repeat sprays at 10 day intervals to a maximum of 3 applications.	400-500 mL/ha (136-170 mL/1000 L of water)

Tentiform Leaf Miner (adults only)	Apply when adults are first visible. Thorough coverage on trunk and scaffold limbs is recommended. Poleci 2.5 EC Eastern Insecticide is not effective in controlling eggs or mining larvae and should be used to prevent re-infestation of adult generations.	500 mL/ha (170 mL/1000 L of water)
Winter Moth	Apply when first signs of feeding are visible.	300 mL/ha (100 mL /1000 L of water)
Fruit Tree Leafroller, Oblique Banded Leafroller, Pale Apple Leafroller, Eye Spotted Budmoth	Apply when first signs of feeding are visible.	400 mL/ha (136 mL /1000 L of water)
White Apple Leafhopper	Spray when large numbers of adults are present.	400 mL/ha (136 mL /1000 L of water)
Oriental Fruit Moth*	Begin applications when treatment threshold (peak egg hatch) has been reached as indicated by monitoring with pheromone traps in conjunction with degree days. Consult your local extension specialist for advice. Adequate spray coverage is essential for optimum control. The emergence of 3rd or 4th generation of OFM is less synchronized than the 1st or 2nd generations. Alternate with other insecticides for different generations of OFM to delay the insecticide resistance development in the pest populations.	400-500 mL/ha in 3000 L of water

DO NOT apply when apple trees are in bloom.

DO NOT apply more than 3 times per year. Unless otherwise indicated, minimum interval between applications is 7 days.

DO NOT apply within 1 day of harvest.

Repeated applications are not advised when integrated pest management is in effect, because severe reductions of beneficial arthropods will result.

\*DO NOT apply more than once every 12 days.

\*Applications timed for other pests may reduce the number of applications required for this pest.

\*For use in Ontario only.

Asparagus

GROUND

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	Asparagus Beetle	First application should be in spring prior to egg laying. Application must take place after the spears have been cut.	400 mL/ha in 200-500 L/ha of water
<p>Minimum interval between applications: 7 days; DO NOT APPLY MORE THAN 3 TIMES PER YEAR. DO NOT apply to asparagus prior to the cutting of spears.</p>			
<p>Blueberries <span style="float: right;">GROUND</span></p>			
	Leaf Tier	Apply in the bud cluster stage (just prior to leaf bud opening).	300 mL/ha
	Bruce Spanworm	Apply when insects or damage first appears. Avoid spraying during flowering.	250 mL/ha
<p>Apply to lowbush blueberries in 100-200 litres of water per hectare. DO NOT APPLY MORE THAN 3 TIMES PER YEAR.</p>			
<p>Apply to highbush blueberries in 1200-1500 litres of water per hectare. DO not apply within 14 days of harvest. Minimum interval between applications: 5 days.</p>			
<p>Broccoli, Brussels <span style="float: right;">GROUND</span></p>			
Sprouts, Cabbage, Cauliflower	Imported Cabbageworm, Cabbage Looper, Diamondback Moth Flea Beetle (Cabbage Only)	Apply when insects are present or signs of insect feeding are visible.  Apply when insects are present, and actively feeding. Under severe pressure, application should also be made to a 15-metre strip along fence rows around the field.	300-400 mL/ha in 350-550 L/ha of water  300-400 mL/ha in 350-550 L /ha of water
<p>Minimum interval between applications: 10 days; DO NOT APPLY MORE THAN 8 TIMES PER YEAR. DO NOT apply to adjacent unregistered crops. DO NOT apply within 1 day of harvest to Brussels Sprouts. DO NOT apply within 3 days of harvest to Broccoli, Cabbage or Cauliflower. May be used once per year on high organic (muck) soils. To minimize residues, apply before August 1. See for special instructions for use of Poleci 2.5 EC Eastern Insecticide on high organic (muck) soils.</p>			
Canola	GROUND		

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(Rapeseed), Mustard	Flea Beetle	Apply when insects are present. Poleci 2.5 EC Eastern Insecticide controls only those insects present. Application should be made when the beetles are actively feeding. Under severe pressure, application should also be made to a 15-metre strip along fence rows around the field.	200-300 mL/ha in 100 L/ha of water
	Flea Beetle	<b>AERIAL</b> Apply once per year by air if required. Read instructions for Aerial Application.	200-300 mL/ha in 11-22 L/ha of water
DO NOT apply within 14 days of harvest. DO NOT apply to adjacent unregistered crops Do not apply more than once per year.			
Corn (field and seed)	European Corn Borer	<b>GROUND</b> Apply when egg masses begin to hatch, but no later than when the first pinhole feeding is seen on the leaves. Direct spray into the whorl of the plant. Repeat at 5-8 day intervals. For control of second generation, direct spray at ear zone.	500-600 mL/ha in at least 240 L of water per ha
DO NOT apply more than 3 times per year.			

**NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:**

The DIRECTIONS FOR USE of this product for uses described below were developed by persons other than Sharda Cropchem Limited and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Sharda Cropchem Limited itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Sharda Cropchem Limited harmless from any claims based on efficacy and/or phytotoxicity in connection with the uses described below.

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Corn (field and seed)	Western Bean Cutworm	<p style="text-align: center;">GROUND</p> <p>Application should be based on the presence of vulnerable pest developmental stages and significant populations as determined by local monitoring. Repeat at 5-8 day intervals</p>	500-600 mL/ha in at least 240 L of water per ha
<p>DO NOT apply more than 3 times per year. Do not apply within 1 day of harvest.</p>			
Corn (sweet)	Western Bean Cutworm	<p style="text-align: center;">GROUND</p> <p>Application should be based on the presence of vulnerable pest developmental stages and significant populations as determined by local monitoring. Repeat at 5-8 day intervals</p> <p>AERIAL</p>	500-600 mL/ha in at least 240 L of water per ha
<p style="text-align: right;">500-600 mL/ha in 11-22 L/ha of water</p>			
<p style="text-align: center;">Read instructions for Aerial Application.</p>			
<p>DO NOT apply more than 2 times per year; only one of which may be by air. DO NOT apply within 5 days of harvest.</p>			
Corn (sweet)	European Corn Borer	<p style="text-align: center;">GROUND</p> <p>Apply when egg masses begin to hatch, but no later than when the first pinhole feeding is seen on the leaves. Direct spray into the whorl of the plant. For control of second generation, direct spray at ear zone. In situations where pest monitoring indicates repeat applications are required, it is recommended that Poleci 2.5 EC Eastern Insecticide be alternated with other insecticides.</p>	500-600 mL/ha in at least 240 L of water per ha
	Corn Earworm	<p>Apply when insects are present in the silks. Follow provincial spray calendar recommendations.</p>	500-600 mL/ha in at least 240 L/ha of water



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		AERIAL	
European Corn Borer, Corn Earworm	Read instructions for Aerial Application.		500-600 mL/ha in 11-22 L/ha of water.
<p>DO NOT apply more than 2 times per year; only one of which may be by air. To minimize residues in high organic (muck) soils apply before August 1. [See SPECIAL INSTRUCTIONS FOR USE OF POLECI 2.5 EC EASTERN INSECTICIDE ON HIGH ORGANIC (MUCK) SOILS.] DO NOT apply within 5 days of harvest.</p>			
Kale		GROUND	
Cabbage Looper, Diamondback Moth, Imported Cabbageworm, Purplebacked Cabbageworm	Apply when insects are present or signs of insect feeding are visible. Minimum interval between applications: 10 days; DO NOT APPLY MORE THAN 8 TIMES PER YEAR.		400 mL/ha in 300-400 L of water per ha
Onions		GROUND	
Onion Thrips	Apply as foliar spray mid-season at proper thrips threshold.		400 mL/ha in 200-500 L/ha of water
<p>DO NOT apply more than once per year. DO NOT apply within 5 days of harvest.</p>			
Peaches		GROUND	
Peach Twig Borer, Oriental Fruit Moth	Application must occur when insect is visibly present.		400 mL/ha (68 mL/1000 L of water)
<p>DO NOT apply when peach trees are in bloom. DO NOT apply more than once per year. DO NOT apply within 1 day of harvest.</p>			
Pears		GROUND	
Pear Psylla (nymphs & adults)	Apply when the nymphs and adults first appear. Follow calendar recommendations. Repeated applications are not advised where integrated pest management is in effect because severe reductions of beneficial arthropods will result.		700 mL/ha (236 mL/1000 L of water)

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Pear Psylla over wintering adults - B.C. only	Apply when the insect first appears in the spring.	400 mL/ha (136 mL/1000 L of water)
Oriental Fruit Moth*	Begin applications when treatment threshold (peak egg hatch) has been reached as indicated by monitoring with pheromone traps in conjunction with degree days. Consult your local extension specialist for advice. Adequate spray coverage is essential for optimum control. The emergence of 3rd or 4th generation of OFM are less synchronized than the 1st or 2nd generations. Alternate with other insecticides for different generations of OFM to delay the insecticide resistance development in the pest populations.	400-500 mL/ha in 3000 L of water

DO NOT apply more than 3 times per year.

Poleci 2.5 EC Eastern Insecticide does not control the hard shell of Pear Psylla.

DO NOT apply within 7 days of harvest.

\* DO NOT apply more than once every 12 days.

\* Applications timed for other pests may reduce the number of applications required for this pest.

\* For use in Ontario only.

Peppers	GROUND	
European Corn Borer	Apply when egg masses begin to hatch or when first signs of insect feeding are evident. Repeat at 5-7 day intervals.	500-600 mL/ha in 200-500 L/ha of water

DO NOT apply more than 3 times per year.

DO NOT apply within 3 days of harvest.

Potatoes	GROUND	
Colorado Potato Beetle, Tarnished Plant Bug, Leafhopper	Apply when insects are present or signs of insect feeding are evident. Repeat as necessary to a maximum of 3 applications per year. Use the higher rate under severe infestations.	200-300 mL/ha in 200-500 L/ha of water

Potato Flea Beetle	Apply when first signs of insects appear and damage is visible. Poleci 2.5 EC Eastern Insecticide controls only those insects present. Repeat as necessary to a maximum of 3 applications per year. Under severe pressure, application should also be made to a 15-metre strip along fence rows around the field.	200-300 mL/ha in 200-500 L/ha of water
Potato Aphid, Buckthorn Aphid	Apply when insects are present or signs of insect feeding are visible. Repeat if necessary to a maximum of 2 applications per year. Poleci 2.5 EC Eastern Insecticide will NOT control Green Peach Aphid.	500 mL/ha in 300-400 L/ha of water
Tuber Flea Beetle	Apply to control first generation of adult flea beetle. Repeat if necessary to a maximum of 2 applications per year.	300-400 mL/ha in 600 L of water per ha
European Corn Borer	Scout for European corn borer egg masses to determine when egg laying and egg hatch is occurring. Apply Poleci 2.5 EC Eastern Insecticide to coincide with peak egg hatch. A second application 5-7 days later may be required during periods of extended egg-laying. Use the high rate to control heavy infestations.	300-500 mL/ha in 300-500 L/ha of water

DO NOT apply to adjacent unregistered crops

**AERIAL**

Colorado Potato Beetle, Tarnished Plant Bug, Leafhopper, Potato Flea Beetle	Apply up to 2 times per year if required. Read instructions for Aerial Application.	200-300 mL/ha in 11 to 22 L of water per ha
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May be used once per year on high organic (muck) soils.

See SPECIAL INSTRUCTIONS FOR USE OF POLECI 2.5 EC EASTERN INSECTICIDE ON HIGH ORGANIC (MUCK) SOILS.

To minimize residues, apply before August 1.

DO NOT apply within 1 day of harvest.

Unless otherwise stated, the minimum interval between applications is 3 days.

**NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:**

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Sharda Cropchem Limited and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Sharda Cropchem Limited itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below.

Accordingly, the Buyer and User assumes all risks related to performance and crop tolerance arising, and agree to hold Sharda Cropchem Limited harmless from any claims based on efficacy and/or phytotoxicity in connection with the use(s) listed below.

Rangeland Pastures	Grasshoppers	DIRECTIONS FOR USE	
		<p><b>GROUND:</b> Apply when insects are young or signs of insect damage are evident. Apply when Grasshoppers are in the 2-4 nymphal stage. Best control will be achieved when application is made prior to wing development. DO NOT apply to adjacent unregistered crops. The higher rate should be used when the proportion of mature and late nymphal stages in the population is inhibited by dense crop canopy. Under severe pressure, application should also be made to a 15-metre strip along fence rows around the field.</p>	200 – 300 mL/ha in 100 – 200 L/ha of water
		<p><b>AERIAL:</b> Use as directed and follow special instructions for Aerial Application of the product label.</p>	300 mL/ha in 11 – 22 L/ha of water
<p>DO NOT apply more than two times per year by air. DO NOT use more than 3 applications per year; for example, 3 ground applications or 2 ground/1 air or 2 air/1 ground.</p>			
<p>Minimum interval between applications: 5 days</p>			
Shelterbelts	Forest Tent Caterpillar	<p><b>GROUND</b> Apply when larvae are actively feeding for best results. Thorough coverage is essential</p>	90 mL per 100 L of water applied until runoff

for good control.			
Maximum of one application per year.			
Strawberries	Tarnished Plant Bug	GROUND Apply when insects are present or when signs of insect feeding are visible. Repeat if necessary. Poleci 2.5 EC Eastern Insecticide will NOT control Strawberry Weevil.	400 mL/ha (136 mL/1000 L of water)
DO NOT apply more than 2 times per year. Minimum interval between applications: 5 days. DO NOT apply within 14 days of harvest.			
Sunflower	Sunflower Beetle	GROUND ADULTS Apply when the insect is present or signs of insect damage appear. Crops should be sprayed at the cotyledon to 2-leaf stage. AERIAL ADULTS AND LARVAE Apply once per year when the insect is present or signs of insect damage appear. Heads should be carefully examined for larvae. Application at dusk when insects are actively feeding is preferable. Read instructions for Aerial Application.	200 mL/ha in 100-200 L of water per ha  200 mL/ha in 11-22 L of water
DO NOT apply more than once per year. DO NOT apply within 70 days of harvest.			
Tobacco	Cutworm	GREENHOUSE Apply when damage first appears. Plants should be sprayed in the evening. DO NOT APPLY MORE THAN 3 TIMES PER YEAR IN GREENHOUSE. GROUND - RYE OR WHEAT COVER CROP	8 mL in 15 L of water per 100 m <sup>2</sup> of seedbed  200 mL/ha in 200- 500 L of water per ha

		Apply when insects are present and feeding. This is usually in the evening. Apply at least 5 days prior to plowing.	
		PRE-PLANT SOIL TREATMENT	400-800 mL/ha in 200-500 L of water per ha
		Apply at least 5 days prior to transplanting. Do not disturb the soil before transplanting. Use the higher rate when soil conditions are dry.	
		POST-PLANTING TREATMENT	400 mL/ha in 200- 500 L of water as a broadcast application
		Apply when insects are present or there are signs of insect damage.	
Under severe pressure, application should also be made to a 15-metre strip along fence-rows around the field. DO NOT apply within 45 days of harvest. DO NOT APPLY MORE THAN ONCE PER YEAR IN FIELD.			
Tomato	Colorado Potato Beetle	GROUND Apply when insects are present or signs of insect feeding are evident. Repeat as necessary to a maximum of 3 applications per year. Use the higher rate under severe infestation.	200-300 mL/ha in 200-500 L of water per ha
May be used once per year on high organic (muck) soils. See SPECIAL INSTRUCTIONS FOR USE OF POLECI 2.5 EC EASTERN INSECTICIDE ON HIGH ORGANIC (MUCK) SOILS. To minimize residues, apply before August 1. DO NOT apply within 3 days of harvest. Minimum interval between applications: 5 days.			
Wheat, Barley, Oats, Flax	Cutworm	GROUND Apply once per year when larvae are present and feeding. For best results apply in the evening. Do not disturb the soil after application. Under severe pressure, application should be made to a 15-metre strip along fence rows around the field.	400 mL/ha in 100 L of water per ha
		AERIAL Read instructions for Aerial Application. Apply once per year.	400 mL/ha in 11-22 L of water per ha



plants of a single variety, treat a few plants and observe prior to full scale application.

DO NOT apply Poleci 2.5 EC Eastern Insecticide with fogging machines.

DO NOT apply within 7 days of harvest of flower crop.

RE-ENTRY PERIOD: Allow 12 hours between application and re-entry into treated area. When working with treated foliage, workers should wear chemical resistant gloves.

#### RATE RANGE:

Where a rate range is given in the Directions For Use, the higher rate should be used when:

- crop canopy is dense and foliage is inhibiting spray penetration
- a range of insect growth stages are present (for example 1st through 5th nymphal stages of Grasshoppers OR larvae and adults of Colorado Potato Beetle)
- insect populations are very high

#### TIMING:

For maximum efficacy, it is necessary to:

- keep crop and pest under observation to be able to spray at the right moment
- ensure that insects are contacted during spraying, especially if they are found on the underside of leaves or if the foliage is very dense

Unless otherwise stated, apply Poleci 2.5 EC Eastern Insecticide when insects first appear and repeat as required to maintain control.

Follow provincial recommendations.

#### Mixing Instructions

The volumes of water may vary greatly, depending on the equipment, the crop, and cultural conditions.

The volumes of water to be used will vary between 11 and 1,000 litres per hectare.

Ensure spray tank is thoroughly clean. Fill sprayer half-full with clean water. Add product while agitating. Add the remaining amount of water.

#### Resistance Management Recommendations:

For resistance management, please note that Poleci 2.5 EC Eastern Insecticide contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to Poleci 2.5 EC Eastern Insecticide and other Group 3 insecticides. The resistant individuals may dominate the insect population if this group of insecticides 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 insecticide resistance:

- Where possible, rotate the use of Poleci 2.5 EC Eastern Insecticide or other Group 3 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 integrated pest management (IPM) program that



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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 Sharda Cropchem Limited at 1-888-931-2530.

### **Livestock Feeding and Pre-Harvest Intervals**

Crop	Pre-Harvest Interval (Days)	Crop	Pre-Harvest Interval (Days)
Alfalfa – Forage	90	Kale	1
Alfalfa – Seed	20	Mustard	14
Apples	1	Oats	31
Barley	40	Onions	5
Blueberries	14	Peaches	1
Broccoli	3	Pears	7
Brussels Sprouts	1	Peppers	3
Cabbage	3	Potatoes	1
Canola (Rapeseed)	14	Strawberries	14
Cauliflower	3	Sunflowers	70
Corn (field and seed)	1	Tobacco	45
Corn (sweet)	5	Tomatoes	3
Flax	40	Wheat	40
Floriculture	7		

**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.

FOR MORE INFORMATION CONTACT:  
Sharda Cropchem Limited  
1-888-931-2530