

2016-3219
2016-09-28

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

GUARANTEE: Deltamethrin 25 g/L

NET CONTENTS: 1-1050 Litres and Bulk

Sharda Cropchem Limited
Domnic Holm
29th Road, Bandra (West) Mumbai 400050 India

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

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.

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

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

ENVIRONMENTAL PRECAUTIONS

TOXIC TO FISH AND AQUATIC ORGANISMS. Over spray or drift into aquatic areas must be avoided. Do not apply where streams, lakes, ponds or water used by livestock or for domestic purposes may be contaminated. This product contains petroleum distillates which are moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning of equipment.” **TOXIC TO BEES AND OTHER BENEFICIAL INSECTS.** Avoid spraying when bees are foraging. **UNTREATED BUFFERS SHOULD ALWAYS BE LEFT AROUND ENVIRONMENTALLY SENSITIVE AREAS** (e.g. open bodies of water (e.g. rivers, streams, lakes, ponds), wetlands, sloughs, houses, farm buildings). The depth of the buffer depends on the method of application. Read the portions of this label pertaining to the intended method of application carefully and completely **BEFORE APPLYING Poleci 2.5 EC Eastern Insecticide.** **AVOID APPLICATION WHEN TEMPERATURE INVERSIONS ARE PREVAILING OR DURING PERIODS OF EXCESS HEAT** (for example, daytime temperatures greater than 25° C) as a reduction in control will result. Best control will be achieved when Poleci 2.5 EC Eastern Insecticide is applied during the cooler portions of the day (for example early morning or at dusk).

For ground application, leave a 15-metre buffer. For aerial application, leave a 100-metre buffer. If a 100-metre buffer zone cannot be maintained during aerial application, then application by ground only must be followed. In these cases the 15-metre buffer zone must be observed.

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. Treat symptomatically.

STORAGE

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. Store the tightly closed container away from feeds, seeds, fertilizer, plants and foodstuffs. Keep in original container during storage.

RECYCLABLE CONTAINER DISPOSAL

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.
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.

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.

WASTE DISPOSAL

If any spray solution remains in the tank after spraying is finished, it should be sprayed on the perimeter of the field just sprayed, NOT ON THE CROP, away from water supplies, ditches, irrigation canals and desirable vegetation.

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.

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Eastern Insecticide

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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.

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.

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

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

ENVIRONMENTAL PRECAUTIONS

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BUFFERS SHOULD ALWAYS BE LEFT AROUND ENVIRONMENTALLY SENSITIVE AREAS (e.g. open bodies of water (e.g. rivers, streams, lakes, ponds), wetlands, sloughs, houses, farm buildings). The depth of the buffer depends on the method of application. Read the portions of this label pertaining to the intended method of application carefully and completely **BEFORE APPLYING** Poleci 2.5 EC Eastern Insecticide. **AVOID APPLICATION WHEN TEMPERATURE INVERSIONS ARE PREVAILING OR DURING PERIODS OF EXCESS HEAT** (for example, daytime temperatures greater than 25° C) as a reduction in control will result. Best control will be achieved when Poleci 2.5 EC Eastern Insecticide is applied during the cooler portions of the day (for example early morning or at dusk). For ground application, leave a 15-metre buffer. For aerial application, leave a 100-metre buffer. If a 100-metre buffer zone cannot be maintained during aerial application, then application by ground only must be followed. In these cases the 15-metre buffer zone must be observed.

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This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Treat symptomatically.

STORAGE

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. Store the tightly closed container away from feeds, seeds, fertilizer, plants and foodstuffs. Keep in original container during storage.

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If any spray solution remains in the tank after spraying is finished, it should be sprayed on the perimeter of the field just sprayed, NOT ON THE CROP, away from water supplies, ditches, irrigation canals and desirable vegetation.

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.

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.

APPLICATION INSTRUCTIONS:

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.

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 200 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.

AERIAL APPLICATION:

Poleci 2.5 EC Eastern Insecticide may be applied by aircraft to Wheat, Barley, Oats, Flax, Canola (Rapeseed), Mustard, Potatoes, Sunflowers and Sweet Corn.

DIRECTIONS FOR USE:

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.

AERIAL 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 Basic Knowledge *Requirements for Pesticide Education in Canada: Applicator Core and Aerial Module*, developed by CAPCO. 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. Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

AERIAL 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!

When applying Poleci 2.5 EC Eastern Insecticide by aircraft, uniform spray coverage is essential.

To achieve uniform spray coverage, the use of spray nozzle tips and spraying pressures which provide a small droplet size (150-250 micron range) is recommended.

Apply Poleci 2.5 EC Eastern Insecticide in a minimum of 11-22 litres of water per hectare at a pressure of at least 200 kPa. For best results, use sufficient water to ensure complete coverage.

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.

DO NOT USE RAINDROP NOZZLES.

Ensure that all circuits (pipes, booms, etc.) have the correct Poleci 2.5 EC Eastern Insecticide/water concentration before application is started.

DO NOT apply Poleci 2.5 EC Eastern Insecticide by aircraft when the wind speeds exceed 8 km/h.

APPLICATION PRECAUTIONS:

See environmental precautions (buffer zones).

AVOID APPLICATION WHEN TEMPERATURE INVERSIONS ARE PREVAILING OR DURING PERIODS OF EXCESS HEAT (over 25°C) as control will be reduced. Best control will be achieved when Poleci 2.5 EC Eastern Insecticide is applied during the cooler portions of the day (normally early morning or at dusk).

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	GROUND	
		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		GROUND	
	Apple Aphid	Apply according to provincial recommendations, usually 17-21 days after petal fall (calyx).	400 mL/ha (136 mL/1000 L of water)
	Apple Brown Bug Mullein Plant Bug	Apply when bugs are present. Follow provincial recommendations.	400 mL/ha (136 mL/1000 L of water)
	Apple Leaf Curling Midge	Apply when first signs of damage are visible.	400-500 mL/ha (136-170 mL/1000 L of water)
	Codling Moth	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)	

<p>White Apple Leafhopper Oriental Fruit Moth*</p>	<p>Spray when large numbers of adults are present.</p> <p>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.</p>	<p>400 mL/ha (136 mL /1000 L of water)</p> <p>400-500 mL/ha in 3000 L of water</p>
<p>DO NOT apply when apple trees are in bloom. DO NOT apply more than 3 times per year. 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.</p>		
<p>Asparagus</p>	<p>Asparagus Beetle</p>	<p>GROUND</p> <p>First application should be in spring prior to egg laying. Application must take place after the spears have been cut. Repeat as needed.</p> <p>400 mL/ha in 200-500 L/ha of water</p>
<p>DO NOT apply to asparagus prior to the cutting of spears.</p>		
<p>Blueberries</p>	<p>Leaf Tier Bruce Spanworm</p>	<p>GROUND</p> <p>Apply in the bud cluster stage (just prior to leaf bud opening). 300 mL/ha</p> <p>Apply when insects or damage first appears. Avoid spraying during flowering. 250 mL/ha</p>
<p>Apply to lowbush blueberries in 100-200 litres of water per hectare. Apply to highbush blueberries in 1200-1500 litres of water per hectare. DO not apply within 14 days of harvest.</p>		
<p>Broccoli, Brussels</p>	<p>GROUND</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. Repeat every 10 days as necessary. Apply when insects are present, and actively feeding. Repeat every 10 days as necessary. 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>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 season 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 (Rapeseed), Mustard	Flea Beetle	<p style="text-align: center;">GROUND</p> 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 insect 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
DO NOT apply to adjacent unregistered crops			
	Flea Beetle	<p style="text-align: center;">AERIAL</p> Apply once per season by air if required. Read instructions for Aerial Application. Observe 100-metre buffer between crop and any body of water when applying by air.	200-300 mL/ha in 11-22 L/ha of water
DO NOT apply within 14 days of harvest.			
Corn (field and seed)	European Corn Borer	<p style="text-align: center;">GROUND</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. 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.

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 Read instructions for Aerial Application. Observe 100-metre buffer between crop and any body of water when applying by air.</p>	<p>500-600 mL/ha in at least 240 L of water per ha</p> <p>500-600 mL/ha in 11-22 L/ha of water</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)		GROUND	

European Corn Borer	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.	500-600 mL/ha in at least 240 L of water per ha
Corn Earworm	Apply when insects are present in the silks. Follow provincial spray calendar recommendations.	500-600 mL/ha in at least 240 L/ha of water
AERIAL		
European Corn Borer, Corn Earworm	Read instructions for Aerial Application. Observe 100-metre buffer between crop and any body of water when applying by air.	500-600 mL/ha in 11-22 L/ha of water.

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.

Kale	GROUND	
Cabbage Looper, Diamondback Moth, Imported Cabbageworm, Purplebacked Cabbageworm	Apply when insects are present or signs of insect feeding are visible. Repeat every 10 days or as necessary.	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

DO NOT apply more than once per season.
 DO NOT apply within 5 days of harvest.

Peaches	GROUND	
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Peach Twig
Borer,
Oriental Fruit
Moth

Application must occur when
insect is visibly present.

400 mL/ha (68 mL/1000 L of
water)

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.

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)

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. Under severe flea beetle populations 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	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 season if required. Read instructions for Aerial Application. Observe 100-metre buffer between crop and any body of water when applying by air.	200-300 mL/ha in 11 to 22 L of water per ha
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May be used once per season 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.

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.

	Grasshoppers	DIRECTIONS FOR USE	
Rangeland Pastures Roadsides		GROUND: 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 insect pressure application should also be made along fence rows and roadsides as a 15 metre strip.	200 – 300 mL/ha in 100 – 200 L/ha of water
Rangeland Pastures *		AERIAL:	300 mL/ha in 11 – 22 L/ha of

Use as directed and follow special instructions for Aerial Application of the product label. Maintain a 100 meter setback from sensitive zones.

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.

Shelterbelts	Forest Tent Caterpillar	GROUND Apply when larvae are actively feeding for best results. Thorough coverage is essential for good control.	90 mL per 100 L of water applied until runoff
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. 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 season 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. Observe 100-metre buffer zone between crop and any body of water when applying by air.	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	8 mL in 15 L of water per 100 m ² of seedbed
		Apply when damage first appears. Plants should be sprayed in the evening.	
		GROUND - RYE OR WHEAT COVER CROP	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.	
<p>Under severe insect pressure, application should also be made to fence-rows and a 15 metre strip into nearby cover crops. DO NOT apply within 45 days of harvest.</p>			
Tomato	Colorado	GROUND	200-300 mL/ha in 200-500 L of water per ha
	Potato Beetle	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.	
<p>May be used once per season 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.</p>			
Wheat, Barley, Oats, Flax	Cutworm	GROUND	400 mL/ha in 100 L of water per ha
<p>Apply once per season when larvae are present and feeding. For best results apply in the evening. Do not disturb the soil after application. Under severe insect pressure, application should be made to a 15-metre strip along fence rows around</p>			

the field.
Observe 15-metre buffer
between crop and adjacent body
of water when applying by
ground.

AERIAL

400 mL/ha in 11-22 L of
water per ha

Read instructions for Aerial
Application.

Observe 100-metre buffer
between crop and any body of
water when applying by air.

Grasshopper

GROUND

200-300 mL/ha in 100-200 L
of water per ha

Apply when young insects are
present or signs of 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. Under severe
insect pressure, application
should also be made to a 15-
metre strip along fence rows
around the field. The higher rate
should be used when the
proportion of late nymphal
stages in the population is high
and the canopy is dense,
inhibiting penetration.

AERIAL

300 mL/ha in 11-22 L of
water per ha

Read instructions for Aerial
Application.

Observe 100-metre buffer
between crop and any body of
water when applying by air.

DO NOT apply to adjacent unregistered crops.

DO NOT use more than 3 applications per year

Use a maximum of 2 aerial applications per year.

DO NOT apply to Oats within 31 days of harvest.

DO NOT apply to Wheat, Barley and Flax within 40 days of harvest.

Commercial Greenhouse Floriculture Crops (Chrysanthemum, Cineraria, Easter Lilies, Geraniums)	Western Flower Thrips	Foliar Application: Apply as a high volume spray using a compressed air sprayer. Spray to run-off to ensure complete coverage. Three (3) applications at 5-7 day intervals may be necessary to achieve control. Consult local greenhouse advisors for timing, identification of thrips species and information on rotation of materials to reduce resistance possibilities. PRECAUTION: All species and varieties have not been tested. When treating large numbers of plants of a single variety, treat a few plants and observe prior to full scale application.	70-100 mL per 100 L of water
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DO NOT apply decis 5 EC 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 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. The user assumes the risk to persons or property that arises from any such use of this product.

FOR MORE INFORMATION CONTACT:

Sharda Cropchem Limited

1-888-931-2530