

2016-3221  
2016-09-28

GROUP	3	INSECTICIDE
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Poleci 2.5 EC  
Western Insecticide

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

COMMERCIAL

WARNING  
{Skull and Crossbones in Diamond}  
POISON

EYE AND SKIN IRRITANT

POTENTIAL SKIN SENSITIZER

READ THE LABEL AND PAMPHLET BEFORE USING

REGISTRATION NO. 32447 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 – 21<sup>st</sup> 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.** 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 BORDERS SHOULD ALWAYS BE LEFT AROUND ENVIRONMENTALLY SENSITIVE AREAS** (e.g. wetlands, sloughs, houses, farm buildings). The depth of the border 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 Western 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 Western Insecticide is applied during the cooler portions of the day (for example early morning or at dusk).

#### **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

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.

#### DISPOSAL OF UNUSED SPRAY SOLUTION

If any spray solution remains in the tank after spraying is finished, it should be sprayed on the perimeter of the area just sprayed, away from water supplies, ditches and irrigation canals.

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

### GENERAL INFORMATION

Poleci 2.5 EC Western 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.** Severely irritating to the eyes and skin. 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. Wash thoroughly after using and before eating, drinking or smoking.

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.

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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.

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**TOXIC TO BEES AND OTHER BENEFICIAL INSECTS.** Avoid spraying when bees are foraging.  
**UNTREATED BORDERS SHOULD ALWAYS BE LEFT AROUND ENVIRONMENTALLY SENSITIVE AREAS** (e.g. wetlands, sloughs, houses, farm buildings). The depth of the border

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 Western 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 Western Insecticide is applied during the cooler portions of the day (for example early morning or at dusk).

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## DIRECTIONS FOR USE

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

1. when the crop canopy is dense and foliage is inhibiting spray penetration.
2. when a number of insect growth stages are present (for example 1st through 5th nymphal stages of grasshoppers OR larvae and adults of Colorado Potato Beetle).
3. when insect populations are very high.

Unless otherwise stated, apply Poleci 2.5 EC Western Insecticide when insects first appear and repeat as required to maintain control. Use sufficient water to ensure thorough coverage. 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. It is suggested that provincial spray calendar recommendations be followed.

When using ground application equipment, ensure that a 15-metre border is left around environmentally sensitive areas (e.g. wetlands, sloughs, rivers, houses, farm buildings). Refer to **AERIAL APPLICATION** section of this label for appropriate cautions when using aerial application equipment.

Use the rates listed below for both ground and aerial application. Poleci 2.5 EC Western Insecticide may be applied by air only on crops specified for aerial use. See **AERIAL APPLICATION** section of this label for adjustment of water volumes.

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

In soils with high organic content (muck soils), special care in the application of Poleci 2.5 EC Western Insecticide is necessary. Apply no more than 200 mL of product per hectare. Poleci 2.5 EC Western Insecticide should be applied only **ONCE** during each crop year on muck soil prior to August 1.

## AERIAL APPLICATION:

Poleci 2.5 EC Western Insecticide may be applied by aircraft to Wheat, Barley, Oats, Flax, Rapeseed, Canola, Mustard, Sunflowers, Shelterbelts (Forest Tent Caterpillar only), Potatoes, Lentils, Range land, and Pastures.

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 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.

#### 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 has 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 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:

When applying Poleci 2.5 EC Western 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 Western Insecticide in 11 - 22 litres of water per hectare at a pressure of no less than 200 kPa. For best results, use sufficient water to ensure complete coverage. **DO NOT USE RAINDROP NOZZLES.** Follow directions elsewhere on label for correct rate, timing of application and harvest restrictions.

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

**DO NOT** apply Poleci 2.5 EC Western Insecticide by aircraft when the wind speed exceeds 8 kph.

Leave a 100- metre buffer between the edge of the treated field and environmentally sensitive areas (for instance wetlands, sloughs, rivers, houses, farm buildings). If a 100-metre buffer zone cannot be maintained, then application by ground must be followed. In these cases, the 15-metre buffer zone must be observed. Poleci 2.5 EC Western Insecticide is very toxic to aquatic organisms and fish and overspray or drift into these areas must be avoided.

**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 Western Insecticide is applied during the cooler portions of the day (for example early morning or at dusk).

#### TANK MIX COMBINATIONS



Poleci 2.5 EC Western Insecticide can be tank mixed with a number of herbicides for the control of insect pests (specified on this label) and annual grassy and broadleaf weeds (see list of susceptible weeds on the respective herbicide labels). Carefully read respective labels for proper use. The following herbicides are compatible:

	PARDNER <sup>®</sup>	BANVEL <sup>®</sup>	2,4-D
	BUCTRIL <sup>™</sup> M		MCPA
PUMA <sup>120</sup> SUPER <sup>®</sup>	PUMA <sup>120</sup> SUPER <sup>®</sup> with BUCTRIL <sup>®</sup> M		

Poleci 2.5 EC Western Insecticide can be tank mixed with Puma<sup>120</sup> Super for the control of grasshoppers and annual grassy weeds or with Puma<sup>120</sup> Super and Bucril M for the control of grasshoppers and annual grassy weeds and broadleaf weeds in SPRING WHEAT AND DURUM WHEAT ONLY. The durum wheat cultivar “Plenty” may sustain an elevated level of injury following application of Poleci 2.5 EC Western Insecticide with Puma<sup>120</sup> Super and Bucril M.

Spray mixture must be constantly agitated throughout application. Do not allow the spray mixture to stand in the spray tank for more than 4 hours after mixing.

When a tank mix is used, the labels of the tank-mix partners are to be consulted and the largest (most restrictive) buffer zone of the products involved in the tank-mix is to be observed.

**RESISTANCE MANAGEMENT RECOMMENDATIONS:**

For resistance management, please note that Poleci 2.5 EC Western Insecticide contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to Poleci 2.5 EC Western 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 Western 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.

CROPS	INSECTS	METHOD OF APPLICATION AND RECOMMENDATIONS	RATE
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Alfalfa(seed production only)	Alfalfa Weevil, Lygus Bugs	GROUND Apply when insects are present or when Provincial Letters recommend spraying. Use the higher rate when the Alfalfa Weevil is present.	400-500 mL/ha in 100-300 L of water per ha.
DO NOT MAKE MORE THAN 1 APPLICATION PER YEAR. DO NOT APPLY WITHIN 20 DAYS OF HARVEST.			
Broccoli, Brussels Sprouts, Cabbage, Cauliflower	Cabbageworm, Cabbage Looper, Diamondback Moth	GROUND Apply when insects are present or signs of insect feeding are visible. Repeat every 10 days as necessary.	300-400 mL/ha in 350-550 L of water per ha.
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 instructions above.			
Field Corn	European Corn Borer	GROUND 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. See instructions above.			
NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:  The DIRECTIONS FOR USE of this product for use(s) described below were developed by persons other than Sharda Cropchem Limited Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Sharda Cropchem Limited Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crop(s) 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 use(s) described below.			
Field Corn	Western Bean Cutworm	GROUND 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.	500-600 mL/ha in at least 240 L of water per ha.
DO NOT APPLY WITHIN 1 DAY OF HARVEST. DO NOT APPLY MORE THAN 3 TIMES PER YEAR.			

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Oilseed Mustard	Beet Webworm	<i>GROUND</i> Apply once per season when larvae are present and actively feeding. Use the higher rate when infestations are high or canopy is thick.	200-300 mL/ha in 100 L of water per ha.
	Flea Beetle	<i>GROUND</i> Apply once per season when insects are present. Poleci 2.5 EC Western 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 of water per ha
	Flea Beetle	<i>AERIAL</i> Apply once per season by air, if required. Read special instructions for aerial application at the front of this brochure. Observe 100 metre setback between crop and any body of water.	200-300 mL/ha in 11 to 22 L of water per ha.
	Clover Cutworm, Bertha Armyworm, Diamondback Moth	<i>AERIAL</i> Apply once per season when insects are present or when Provincial Letters recommend spraying. Application should be made when the insects are actively feeding. Under heavy infestations, use the higher rate of Poleci 2.5 EC Western Insecticide.	200-300 mL/ha in 11 to 22 L of water per ha.
	Cabbage Seedpod Weevil	<i>GROUND</i> For control of adult weevil only. Apply once per season when adults are seen	400 mL/ha in 100 L of water per

		on flower buds or developing pods. Must apply prior to egg laying. Consult extension experts for economic threshold.	ha
	Lygus Bug	<p><b>AERIAL</b> For control of adult weevil only. Apply once per season when adults are seen on flower buds or developing pods. Must apply prior to egg laying. Consult extension experts for economic threshold.</p> <p><b>GROUND</b> Apply once per season when lygus bugs are seen feeding on the buds, flowers and developing pods. Consult extension experts for economic threshold.</p> <p><b>AERIAL</b> Apply once per season when lygus bugs are seen feeding on the buds, flowers and developing pods. Consult extension experts for economic threshold.</p>	<p>400 mL/ha in 11-22 L of water per ha</p> <p>300 mL/ha in 100 L of water per ha</p> <p>300 mL/ha in 11-22 L of water per Ha</p>
	Grasshopper	<p><b>GROUND</b> Follow provincial forecast. Apply once per season when insects are present as young hoppers or signs of insect damage are evident. Apply when the 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 mature and late nymphal stages in the</p>	200-300 mL/ha in 100L of water per ha.

	<p>population are high and spray penetration is inhibited by dense crop canopy.</p> <p><b>AERIAL</b> Use as directed and follow special instructions maintaining 100-metre setback from sensitive zones. Apply once per season.</p>	<p>300 mL/ha in 11 – 22 L of water per ha.</p>
<p><b>DO NOT APPLY WITHIN 7 DAYS OF HARVEST.</b></p>		

Potatoes	<p>Colorado Potato Beetle, Tarnished Plant Bug, Leafhopper</p>	<p><b>GROUND</b> 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.</p>	<p>200-300 mL/ha in 200–500 L of water per ha.</p>
	<p>Potato Flea Beetle</p>	<p>Apply when first signs of insects appear and damage is visible. Polec 2.5 EC Western 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.</p>	
	<p>Colorado Potato Beetle, Tarnished Plant Bug, Leafhopper, Potato Flea Beetle</p>	<p><b>AERIAL</b> Apply a maximum of 2 times per season by air if required. Read special instructions for aerial application at front of brochure. Observe 100 metre setback between crop and any body of</p>	<p>200-300 mL/ha in 11 to 22 L of water per ha.</p>
<p><b>DO NOT APPLY WITHIN 1 DAY OF HARVEST.</b> <b>MAY BE USED ONCE PER SEASON ON HIGH ORGANIC (MUCK) SOILS.</b> <b>TO MINIMIZE RESIDUES, APPLY BEFORE AUGUST 1.</b> See instructions above.</p>			

Canola, Rapeseed, Mustard	Beet Webworm	GROUND Apply when larvae are present and actively feeding. Use the higher rate when infestations are high or canopy is thick.	200-300 mL/ha in 100 L of water per ha.
	Flea Beetle	GROUND Apply when insects are present. Poleci 2.5 EC Western 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 of water per ha
	Flea Beetle	AERIAL Apply once per season by air, if required. Read special instructions for aerial application at the front of this brochure. Observe 100 metre setback between crop and any body of water.	200-300 mL/ha in 11 to 22 L of water per ha.
	Clover Cutworm, Bertha Armyworm, Diamondback Moth	AERIAL Apply once per season when insects are present or when Provincial Letters recommend spraying. Application should be made when the insects are actively feeding. Under heavy infestations, use the higher rate of Poleci 2.5 EC Western Insecticide.	200-300 mL/ha in 11 to 22 L of water per ha.
	Cabbage Seedpod Weevil	GROUND For control of adult weevil only. Apply once per season when adults are seen on flower buds or developing pods. Must apply prior to egg laying. Consult extension experts for economic threshold.	400 mL/ha in 100 L of water per ha

Canola	Lygus Bug	AERIAL For control of adult weevil only. Apply once per season when adults are seen on flower buds or developing pods. Must apply prior to egg laying. Consult extension experts for economic threshold.	400 mL/ha in 11-22 L of water per ha
		GROUND Apply once per season when lygus bugs are seen feeding on the buds, flowers and developing pods. Consult extension experts for economic threshold.	300 mL/ha in 100 L of water per ha
	Grasshopper	AERIAL Apply once per season when lygus bugs are seen feeding on the buds, flowers and developing pods. Consult extension experts for economic threshold.	300 mL/ha in 11-22 L of water per ha
		GROUND Follow provincial forecast. Apply when insects are present as young hoppers or signs of insect damage are evident. Apply when the 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 mature and late nymphal stages in the population are high and spray penetration is inhibited by dense crop canopy.	200-300 mL/ha in 100L of water per ha.
		AERIAL Use as directed and follow special instructions maintaining 100-metre setback from sensitive zones.	300 mL/ha in 11 – 22 L of water per ha.

DO NOT APPLY WITHIN 7 DAYS OF HARVEST.

Saskatoon Berry	Sawfly, Lygus Bug(Tarnished Plant Bug), Hawthorn Weevil, Apple Curculio, Leaf Miner, Saskatoon Bud Moth	GROUND Apply three times per season, once prior to flowering, once at early flowering, and once after petal drop, observing the pre-harvest interval of 21 days. The insect species controlled will appear at different times of the growing season: Saskatoon Bud Moth & Lygus Bug at inflorescence bud bread (green tip) to tight bud cluster; Sawfly at 25% bloom; Apple Curculio & Hawthorn Weevil at 5-10 days after petal fall. Growers are encouraged to apply Poleci 2.5 EC Western Insecticide when the insect pest of concern first appears in sufficient numbers to cause economic damage.	4 mL in 4.5 L water for 100 m <sup>2</sup> of orchard face row. (Apply mixture to both sides of each row.)
<b>DO NOT APPLY WITHIN 21 DAYS OF HARVEST.</b>			
Shelterbelts	Caragana Aphid, Eastern Spruce Budworm, Spruce Coneworm, Spring Spruce Needle Moth, Spotted Poplar Aphid, Forest Tent Caterpillar, Prairie Tent Caterpillar  Forest Tent Caterpillar  Blister Beetle, Grey Willow Leaf Beetle  Willow Sawfly	GROUND Apply when insects are actively feeding for best results. Thorough coverage is critical for control.  AERIAL Apply when larvae are actively feeding. Use the higher rate when there are large numbers of larvae present and/or heavy foliage which may prevent penetration.  GROUND Apply when insects are actively feeding for best results. Thorough coverage is critical for control.  GROUND Apply when larvae are actively feeding for best results. Thorough coverage is critical for control.	180 mL per 100 L of water applied until runoff.  200-300 mL/ha in 11 – 22 L of water per ha.  60 mL per 100 L of water applied until runoff.  36 mL per 100 L of water applied until runoff.



DO NOT MAKE MORE THAN 1 APPLICATION 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 use(s) described below were developed by persons other than Sharda Cropchem Limited Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Sharda Cropchem Limited Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crop(s) 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 use(s) described below.

Established Red Clover (for seed production only)	Suppression of lesser clover leaf weevil	<b>GROUND</b> Apply when insects are present. Apply 2 times at a 14 day interval, at early vegetative stage and when clover is budding. Use sufficient water to ensure thorough coverage. 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	500 mL/ha in 100-300 L of water per ha.
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DO NOT MAKE MORE THAN 2 APPLICATIONS PER YEAR.  
DO NOT USE TREATED CROP FOR FEED OR FORAGE.  
DO NOT APPLY BY AIR.

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

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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 use(s) described below.

Rangeland, Pastures Roadsides*	Grasshopper	<b>GROUND</b> Apply when insects are young or signs of insect damage are evident. Apply when the grasshoppers are in the 2-4 nymphal stage. Best control will be achieved when application is made prior to wing development. <b>DO NOT APPLY TO ADJACENT UNREGISTERED CROPS.</b> The higher rate should be used when the proportion of mature and late nymphal stages in the population are high and/or spray penetration is inhibited by dense crop canopy. *Under severe insect pressure application should also be made to fence row and roadsides as a 15 metre strip.	200-300 mL/ha in 100-200 L of water per ha.
Rangeland, Pastures		<b>AERIAL</b> Use as directed and follow special instructions maintaining 100 metre setback from sensitive zones.	300 mL/ha in 11 – 22 L of water per ha.
<p><b>DO NOT APPLY MORE THAN TWO TIMES PER YEAR BY AIR.</b>  <b>DO NOT USE MORE THAN 3 APPLICATIONS OF POLECI 2.5 EC WESTERN INSECTICIDE PER YEAR. FOR EXAMPLE, 3 GROUND APPLICATIONS OR 2 GROUND/1 AIR OR 2 AIR/1 GROUND.</b></p>			
Chokecherry Shelterbelts	Prairie Tent Caterpillar	Apply prior to flowering when tents are visible, generally mid to late May	184 mL product /1000 L water
	Ugly Nest Caterpillar,	Apply after flowering when tents are visible, generally early to mid June	
	Fruittree Leafroller	Apply after flowering when damage is first noted, generally early to mid June	
<p>Apply as a foliar spray; ground application only – ONE application per year.  Apply so leaves are wet but not dripping  Wear protective clothing including long-sleeved shirt, long pants and chemical resistant gloves when handling or spraying the product.</p>			

Sunflowers	Sunflower Beetle	<p><b>GROUND</b>  <b>ADULTS:</b> Apply when the insect is present or signs of insect damage appear. Crops should be sprayed when in the cotyledon to 2-leaf stage.</p> <p><b>AERIAL</b>  <b>ADULTS &amp; LARVAE:</b> 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.</p>	<p>200 mL/ha in 100 -200 L of water per ha.</p> <p>200 mL/ha in 11 - 22 L of water per ha.</p>
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**DO NOT APPLY WITHIN 70 DAYS OF HARVEST.**

Tomatoes	Colorado Potato Beetle	<p><b>GROUND</b>  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>	<p>200-300 mL/ha in 200 - 500 L of water per ha.</p>
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**DO NOT TREAT WITHIN 3 DAYS OF HARVEST.**

**MAY BE USED ONCE PER SEASON ON HIGH ORGANIC (MUCK) SOILS.**

**TO MINIMIZE RESIDUES, APPLY BEFORE AUGUST 1. (See instructions above)**

**RESISTANCE:** Colorado Potato Beetle is known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area. The use of Poleci 2.5 EC Western Insecticide must be alternated with insecticides with a different mode of action. Consult your agricultural advisor for resistance management strategies and recommended pest management practices for your area.

Wheat, Barley, Oats, Flax, Lentils, Sugarbeets	Cutworm	<p><b>GROUND OR AERIAL</b></p> <p>Apply once per season when larvae are present and feeding. Do not disturb the soil after application. Under severe insect pressure, application should also be made to a 15-metre strip along fence-rows around the field.</p> <p><b>DO NOT APPLY TO ADJACENT CROPS.</b></p> <p>Follow special instructions for aerial application at front of this brochure, maintaining a 100-metre setback from sensitive zones for aerial use and 15 metres when applied by ground.</p>	400 mL/ha in 100 L of water per ha.
	Clover Cutworm (Flax only)	<p><b>GROUND OR AERIAL</b></p> <p>Apply once per season when insects are present by air if required. Read special instructions for aerial application at the front of this brochure. If applied by air, observe 100-metre setback between crop and any body of water.</p>	200-300 mL/ha in 100 L of water per ha.
	Beet Webworm(Flax only)	<p><b>GROUND</b></p> <p>Apply once per season when larvae are present and actively feeding. Use the higher rate when infestations are high or canopy is thick.</p>	200-300 mL/ha in 100 L of water per ha.
<p><b>DO NOT USE MORE THAN 3 APPLICATIONS OF POLECI 2.5 EC WESTERN INSECTICIDE PER YEAR POLECI 2.5 EC WESTERN INSECTICIDE MAY BE USED FOR A MAXIMUM OF 2 AERIAL APPLICATIONS PER YEAR.</b></p> <p><b>DO NOT APPLY TO WHEAT, FLAX, OR BARLEY WITHIN 40 DAYS OF HARVEST.</b></p> <p><b>DO NOT APPLY TO OATS WITHIN 31 DAYS OF HARVEST.</b></p> <p><b>DO NOT APPLY TO LENTILS WITHIN 30 DAYS OF HARVEST.</b></p> <p><b>DO NOT APPLY TO SUGARBEETS WITHIN 100 DAYS OF HARVEST.</b></p>			

Wheat, Barley, Oats, Flax, Lentils	Grasshopper	<p><b>GROUND</b> Follow provincial forecast. Apply when insects are present as young hoppers or signs of insect damage are evident. Apply when the 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. <b>DO NOT APPLY TO UNREGISTERED CROPS.</b> The higher rate should be used when the proportion of mature and late nymphal stages in the population are high and spray penetration is inhibited by dense crop canopy.</p> <p><b>AERIAL</b> Use as directed and follow special instructions maintaining 100-metre setback from sensitive zones. Do not make aerial application of tank-mix of Poleci 2.5 EC Western Insecticide with Buctril M herbicide and Puma<sup>120</sup> Super herbicide.</p>	<p>200-300 mL/ha in 100-200 L of water per ha.</p> <p>300 mL/ha in 11 – 22 L of water per ha.</p>
<p><b>DO NOT USE MORE THAN 3 APPLICATIONS OF POLECI 2.5 EC WESTERN INSECTICIDE PER YEAR. POLECI 2.5 EC WESTERN INSECTICIDE MAY BE USED FOR A MAXIMUM OF 2 AERIAL APPLICATIONS PER YEAR.</b>  <b>DO NOT APPLY TO WHEAT, FLAX, OR BARLEY WITHIN 40 DAYS OF HARVEST.</b>  <b>DO NOT APPLY TO OATS WITHIN 31 DAYS OF HARVEST.</b>  <b>DO NOT APPLY TO LENTILS WITHIN 30 DAYS OF HARVEST.</b></p>			

FOR MORE INFORMATION CONTACT:  
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