

Bioprotec CAF

Insecticide

TECHNICAL SHEET

Greenhouse

Foliar insecticide for caterpillar management

FEATURES AND BENEFITS

- ✓ **Biological insecticide approved by Health Canada (PMRA)**
- ✓ **Ensures control** of several lepidopteran larvae
- ✓ **Safe for use** with beneficial and pollinators¹
- ✓ **Minimum risk** of resistance
- ✓ **Zero days to harvest**, allows to keep control of pests and maintain quality
- ✓ **Perfect integration** in your IPM program
- ✓ **Approved** for organic agriculture



CROP	PEST	RATE	FOLIAR SPRAY VOLUME	APPLICATION TIMING
<ul style="list-style-type: none"> • Tomatoes • Lettuce • Cucumbers • Peppers • Eggplants 	<ul style="list-style-type: none"> • Cabbage Looper • Tomato Hornworm 	<p>1,8 L/1000 L of water</p> <p>0,9 – 1,8 L/1000 L of water</p>	300 L /ha Minimum	<p>Apply at first sign of infestation when larvae are small.</p> <p>Repeat applications, according to economic threshold, as often as necessary to maintain control. 5-10 days between applications.</p>
<ul style="list-style-type: none"> • Chrysanthemums 	<ul style="list-style-type: none"> • Cabbage Looper 	1,8 L/1000 L of water	300 L /ha Minimum	
<ul style="list-style-type: none"> • Roses 	<ul style="list-style-type: none"> • Omnivorous Leafroller 	1,8 L/1000 L of water	300 L /ha Minimum	
<ul style="list-style-type: none"> • Greenhouse ornamentals • Greenhouse herbs • Greenhouse vegetables (peppers, tomatoes, cucumbers) • Fruit and transplant production 	<ul style="list-style-type: none"> • <i>Duponchelia fovealis</i> • <i>Opogona sacchari</i> 	1.6 L/1000 L of water	Thorough coverage of foliage and stems is necessary 300 L /ha Minimum	<p>Make applications when egg hatch is essentially complete but before crop damage occurs. Reapply at 7 day intervals, as required by monitoring.</p>
<ul style="list-style-type: none"> • Cannabis (marihuana) produced commercially indoors 	<ul style="list-style-type: none"> • Cabbage Looper 	1,8 L/1000 L of water	Use a hydraulic sprayer 300 L /ha Minimum	<p>Begin application just prior to egg hatch and continue as indicated by monitoring. Maximum of 8 applications per year with a 7 day interval between applications.</p>
<ul style="list-style-type: none"> • Greenhouse Wasabi (<i>Wasabia japonica</i>) 	<ul style="list-style-type: none"> • Cabbage looper • Alfalfa looper 	1,8 L/1000 L of water	Thorough coverage of all foliage is essential	<p>Apply for a maximum of 5 applications per year (or per crop). Apply at first signs of infestation when larvae are small. Repeat applications at usually 3 to 14 days interval, according to economic threshold, as necessary to maintain control.</p>

¹ Safe for use with beneficial organisms and pollinators when used according to label instructions.

TECHNICAL SPECIFICATIONS

- **Canadian registration number:** 26854
- **Active ingredient :** Btk (*Bacillus thuringiensis ssp. Kurstaki*)
- **Packaging :** One (1) case = 2 x 10L
- **Formulation type :** Liquid
- **Chemical group :** 11B2 (Bt microbials)
- **PHI :** 0 day
- **REI :** When spray is dry
- **Shelf life:** 18 months at 20° C

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RECOMMENDATIONS FOR OPTIMAL RESULT

- The leaves on which the larvae feed must be completely covered
- The product is more effective after hatching of the eggs, during the active feeding phase of the larvae
- Repeat treatment as needed at seven days interval need if egg hatch is desynchronized



MODE OF ACTION

After ingestion of a sufficient dose, there is mouth-parts and gut paralysis of the insect, followed by septicemia. Larvae cease feeding within a few hours and death occurs within 2 - 5 days.

*Contact your local ag-retailer
for more information*

Bioprotec® CAF is a registered trademark of AEF Global Inc. Please refer to product label for complete application details. Always read and follow label directions. Log on to www.aefglobal.com for full label information.