

# FIFRA Section 2(ee) Recommendation



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AND GEORGIA



EPA Reg. No. 59639-95

## REDUCED APPLICATION RATE FOR THE MANAGEMENT OF LEPIDOPTERA PESTS (WORMS/CATERpillARS) IN BRASSICA LEAFY VEGETABLES (CROP GROUP 5)

This FIFRA Section 2(ee) Recommendation Expires December 31, 2027.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by the EPA. This 2(ee) recommendation contains directions for use, which do not appear on the package label and must be in the possession of the user at the time of insect growth regulator application. Follow all applicable directions, restrictions and precautions on the EPA registered label when using Knack® Insect Growth Regulator alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.

*Knack* Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. *Knack* Insect Growth Regulator has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since *Knack* is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

*Knack* Insect Growth Regulator does exhibit translaminar movement which means that *Knack* Insect Growth Regulator applied to the upper surfaces of the leaves will move to the lower surface of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

<b>Brassica Leafy Vegetables (Crop Group 5)</b> Broccoli, Broccoli Raab (rapini), Brussels Sprouts, Cabbage, Cauliflower, Cavalo Broccolo, Chinese Broccoli, (gai lon), Chinese Cabbage (bok choy and napa), Chinese Mustard (gai choy), Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens, Turnip Greens		
<b>Pests</b>	<b>Knack Application Rates</b>	<b>Special Instructions</b>
Beet Armyworm (suppression) Cabbage Looper (suppression) Diamond Back Moth (suppression) Imported Cabbage Worm (suppression) Western Yellow Stripped Armyworm (suppression)	5 to 10 fl oz/A (0.034 to 0.067 lb ai/A)	<p>Apply <i>Knack</i> Insect Growth Regulator when target pest(s) are beginning to establish or colonize in the field and/or before recommended threshold populations are observed. Do not wait until worms and/or caterpillar populations have exceeded their established thresholds.</p> <p>Use higher rates according to the canopy coverage across the fields that will be applied with <i>Knack</i> Insect Growth Regulator.</p> <p>Apply by ground and in sufficient volume to obtain thorough coverage. Spray volume will depend on crop's canopy density (Use 20 to 50 GPA).</p>
<ul style="list-style-type: none"> <li>Do not apply within 7 days of harvest.</li> <li>Do not make more than 2 <i>Knack</i> Insect Growth Regulator applications per year.</li> <li>Do not exceed 20 fl oz of <i>Knack</i> Insect Growth Regulator per acre per year.</li> <li>Do not apply earlier than 14 days after last <i>Knack</i> Insect Growth Regulator treatment.</li> <li>Regardless of formulation do not exceed 0.134 lb pyriproxyfen per acre per season.</li> <li>Do not plant any crop other than those with registered pyriproxyfen uses intreated areas sooner than 30 days after the last application.</li> </ul>		

**Please contact Valent U.S.A. LLC at 800-6-VALENT (682-5368) to determine if this product is registered in your state.**

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