**BRASSICA LEAFY VEGETABLES (DO NOT USE IN ARIZONA)**

**General Information**

**GENERAL INFORMATION**

- Do not apply this product through any type of irrigation system.

Knack is intended for use in Integrated Pest Management (IPM) or Insect Resistance Management (IRM) programs. Knack will not control insect adults, and it is recommended to be used in combination and/or rotation with other IPM or IRM materials. Contact your local state extension service for details.

Knack acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Knack 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 insects’ development, evidence of activity will be slower than typical contact insecticides.

**Limitations, Restrictions, and Exceptions**

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**GENERAL:** Knack Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Knack 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 does exhibit translaminar movement which means that Knack 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.

Apply with ground equipment in adequate water for uniform coverage (10 to 50
HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL.

Begin applications when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures).

Under severe pressure, use the higher recommended rates.

Only whole fields should be treated.

Do not apply within 7 days of harvest.

Do not make more than 2 Knack applications per growing season.

Do not exceed 20 fl. oz. Knack per acre per season.

Regardless of formulation, do not exceed 0.134 lb. pyriproxyfen per acre per season.

Do not apply earlier than 14 days after last Knack treatment.

Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application.

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. Corporation is restricting Knack Insect Growth Regulator to two applications per growing season.

Knack Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl. oz. per acre for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal IPM and Integrated Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

Method

Broadcast/Foliar Air
Broadcast/Foliar Ground
Pre-Harvest Interval

7 days

Rates

field_rates 0

Restricted Entry Interval

12 hours

Timings

when whiteflies reach threshold levels