NET CONTENTS 1 GALLON

Active Ingredient By Wt
*Pyriproxyfen ........................................ 11.23%
Other Ingredients ................................... 88.77%
Total ........................................ 100.00%

*2-[1-methyl-2-(4-phenoxyphenoxy)ethoxy]pyridine

Contains 0.86 pound ai per gallon.
Contains aromatic petroleum distillates.

EPA Reg. No. 59639-95
EPA Est. 39578-TX-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE INSIDE FOR ADDITIONAL PRECAUTIONARY STATEMENTS
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTICAL ANIMALS
CAUTION
Causes skin and eye irritation. Do not get on skin, in eyes or on clothing. Harmful if inhaled, swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID
If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

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 center or doctor for further treatment advice.

If swallowed: Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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 center or doctor for further treatment advice.

CONTACT LINES
Hot Line Number
To call after the event, call 911 or the number shown on the label when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-852-0099 for emergency medical treatment information.

NOTE TO PHYSICIANS
If ingested, probable mucosal damage may contraindicate the use of gastric lavage. This product contains a light hydrocarbon liquid; ingestion or subsequent vomiting can result in aspiration of this product, which can cause pneumonitis.

PERSONAL PROTECTIVE EQUIPMENT (PPE):
Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: coveralls over short-sleeved shirt and short pants or long-sleeved shirt and long pants, chemical-resistant gloves, such as Barrier Laminite or Viton ≥ 14 mils, chemical-resistant footwear plus socks, chemical-resistant headgear for overhead exposure, chemical-resistant apron when cleaning equipment, mixing, or loading.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them. Follow manufacturer’s instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS
Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling this product.
• Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drain and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by disposing of equipment washwaters or rinsate. Avoid direct application and/or spray drift to bee hives.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 190. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is coveralls over short-sleeved shirt and short pants, chemical-resistant gloves, such as Barrier Laminite or Viton ≥ 14 mils, chemical-resistant footwear plus socks, chemical-resistant headgear for overhead exposure.

DISCLAIMER, RISKS OF USING THIS PRODUCT, LIMITED WARRANTY AND LIMITATION OF LIABILITY
IMPORTANT: Read the entire label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT, rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT
The Buyer and User (referred to collectively herein as “Buyer”) of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, soil drift of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result...

(continued)

(continued)
RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management purposes, Knack® Insect Growth Regulator is a Group 7C insecticide. Any insect population may contain individuals naturally resistant to Knack Insect Growth Regulator and other Group 7C insecticides. The resistant individuals dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by Knack Insect Growth Regulator or other Group 7C insecticides, although local experts should be consulted for local resistance recommendations. The classification scheme is based on mode of action. It is recognized that resistance of insects and mites to insecticides and acaricides can also result from enhanced metabolism, reduced penetration or behavioral changes that are not linked to any site of action classification but are specific for individual chemicals or chemical groupings. Despite this, alternation of compounds from different chemical classes remains a viable management technique.

To delay insecticide resistance:
- Avoid exclusive repeated use of insecticides from the same chemical subgroup.
- Integrate other control methods (chemical, cultural, biological) into insect control programs.

For further information contact your local distributor.

GENERAL INFORMATION

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

Knack Insect Growth Regulator is intended for use in Integrated Pest Management (IPM) or Insect Resistance Management (IRM) programs. Knack Insect Growth Regulator 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 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 Insect Growth Regulator 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.

COTTON

<table>
<thead>
<tr>
<th>CROP</th>
<th>PESTS</th>
<th>PRODUCT RATE PER ACRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotton</td>
<td>Banded Wing</td>
<td>8 to 10 fl oz</td>
</tr>
<tr>
<td></td>
<td>Whitefly</td>
<td>Do not apply</td>
</tr>
<tr>
<td></td>
<td>Greenhouse Whitefly</td>
<td>less than 8 fl oz/A</td>
</tr>
<tr>
<td></td>
<td>Silverleaf Whitefly</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Whitefly</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sweetpotato Whitefly</td>
<td></td>
</tr>
</tbody>
</table>

SPECIAL INSTRUCTIONS

Apply with air or ground equipment in adequate water for uniform coverage:
- By Air: 3 to 10 gals/A
- By Ground: 10 to 50 gals/A

HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL. Make only one application per growing season.

Begin application 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 28 days of harvest.
- Do not exceed 10 fl oz/acre per season.
- Do not exceed 10 fl oz/acre per season.
- Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after 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. LLC is restricting Knack Insect Growth Regulator to one application 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 Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.
BRASSICA LEAFY VEGETABLES (Crop Group 5)

GENERAL: 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 Insect Growth Regulator 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 transaminar 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 transaminar movement is very important to chemical control of whitefly because one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

Surfaces of the leaves will move to the lower surface of the leaf. This translaminar movement is very important to chemical control of whitefly development, evidence of activity will be slower than typical contact insecticides.

GENERAL:

Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Insect Growth Regulator is an Insect Growth Regulator (IGR) and activity depends on the insect's development. Evidence of activity will be slower than typical contact insecticides.

Insect Growth Regulator has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since Insect Growth Regulator is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

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. LLC, is restricting Knack Insect Growth Regulator to no more than 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/A for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.
PESTS

Apply with ground or air equipment as a full coverage spray (minimum of 5 gals/A by air or 50 gals/A by ground). Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage.

Fruitworm: Apply when egg laying begins and again at petal fall. Additional applications of another insecticide, at 10 to 14 day intervals, may be needed under high population pressure or sustained moth flight.

Leccanium Scale: Apply at either dormant, delayed dormant or in-season cover spray. At dormant or delayed dormant use a spray oil at the manufacturer’s recommended oil rate. In a cover spray make applications when scale crawlers first emerge. Follow local recommendations regarding in-season use and rates of oil in your area.

Repeat 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. LLC is restricting Insect Growth Regulator to no more than two applications per growing season.

Insect Growth Regulator 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 to no more than two applications per growing season.

CUCURBITS (Crop Group 9)

GENERAL: 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 Insect Growth Regulator 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.

BERRIES (continued) (Crop Group 13) (not all berries for use in CA)

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides or insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Knack Insect Growth Regulator to no more than 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 Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.
**FRUITING VEGETABLES (Crop Group 8)**

**GENERAL:** 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 Insect Growth Regulator 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 transaminar 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 transaminar 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.

**CROPS**

<table>
<thead>
<tr>
<th>FRUITING VEGETABLES:</th>
<th>EGGPLANT</th>
<th>GROUND CHERRY</th>
<th>OKRA</th>
<th>PEPINO</th>
<th>PEPPER</th>
<th>TOMATILLO</th>
<th>TOMATO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Banded Wing Whitefly</td>
<td>8 to 10 fl oz</td>
<td>8 to 10 fl oz</td>
<td>8 to 10 fl oz</td>
<td>8 to 10 fl oz</td>
<td>8 to 10 fl oz</td>
<td>8 to 10 fl oz</td>
<td>8 to 10 fl oz</td>
</tr>
<tr>
<td>Whitefly Whitefly</td>
<td>Do not apply less than 8 fl oz/A</td>
<td>Do not apply less than 8 fl oz/A</td>
<td>Do not apply less than 8 fl oz/A</td>
<td>Do not apply less than 8 fl oz/A</td>
<td>Do not apply less than 8 fl oz/A</td>
<td>Do not apply less than 8 fl oz/A</td>
<td>Do not apply less than 8 fl oz/A</td>
</tr>
<tr>
<td>Silverleaf Whitefly</td>
<td>By Air: 3 to 10 gals/A</td>
<td>By Ground: 10 to 50 gals/A</td>
<td>By Air: 3 to 10 gals/A</td>
<td>By Ground: 10 to 50 gals/A</td>
<td>By Air: 3 to 10 gals/A</td>
<td>By Ground: 10 to 50 gals/A</td>
<td>By Air: 3 to 10 gals/A</td>
</tr>
<tr>
<td>Sweetpotato Whitefly</td>
<td>HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL.</td>
<td>HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL.</td>
<td>HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL.</td>
<td>HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL.</td>
<td>HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL.</td>
<td>HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL.</td>
<td>HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL.</td>
</tr>
<tr>
<td>Whitefly Whitefly</td>
<td>Begin application when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures).</td>
<td>Under severe pressure, use the higher recommended rates.</td>
<td>Only whole fields should be treated.</td>
<td>Apply as a tank mix with ground equipment for uniform coverage (25 to 150 gals/A by ground). Make application when eggs or insects first appear. If control is needed during this period use an alternate insecticide registered for the target pest.</td>
<td>Knack Insect Growth Regulator may also be mixed or alternated with commonly used insecticides to comply with local IPM programs.</td>
<td>Knack Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</td>
<td>Do not apply within 1 day of harvest.</td>
</tr>
<tr>
<td>Silverleaf Whitefly</td>
<td>Do not make more than 2 Knack Insect Growth Regulator applications per growing season.</td>
<td>Do not exceed 16 fl oz Knack Insect Growth Regulator per acre per season.</td>
<td>Do not make more than 2 Knack Insect Growth Regulator applications per growing season.</td>
<td>Do not exceed 16 fl oz Knack Insect Growth Regulator per acre per season.</td>
<td>Do not apply earlier than 14 days after last Knack Insect Growth Regulator treatment.</td>
<td>Do not apply earlier than 14 days after last Knack Insect Growth Regulator treatment.</td>
<td>Do not apply earlier than 14 days after last Knack Insect Growth Regulator treatment.</td>
</tr>
<tr>
<td>Sweetpotato Whitefly</td>
<td>Regardless of formulation do not apply more than 0.109 lb pyriproxyfen per acre per season.</td>
<td>Do not plant any crop other than those with registered pyroproxyfen uses in treated areas sooner than 30 days after the last application.</td>
<td>Regardless of formulation do not apply more than 0.109 lb pyriproxyfen per acre per season.</td>
<td>Do not plant any crop other than those with registered pyroproxyfen uses in treated areas sooner than 30 days after the last application.</td>
<td>Regardless of formulation do not apply more than 0.109 lb pyriproxyfen per acre per season.</td>
<td>Do not plant any crop other than those with registered pyroproxyfen uses in treated areas sooner than 30 days after the last application.</td>
<td>Do not plant any crop other than those with registered pyroproxyfen uses in treated areas sooner than 30 days after the last application.</td>
</tr>
<tr>
<td>Whitefly Whitefly</td>
<td>Do not plant any crop other than those with registered pyroproxyfen uses in treated areas sooner than 30 days after the last application.</td>
<td>Do not plant any crop other than those with registered pyroproxyfen uses in treated areas sooner than 30 days after the last application.</td>
<td>Do not plant any crop other than those with registered pyroproxyfen uses in treated areas sooner than 30 days after the last application.</td>
<td>Do not plant any crop other than those with registered pyroproxyfen uses in treated areas sooner than 30 days after the last application.</td>
<td>Do not plant any crop other than those with registered pyroproxyfen uses in treated areas sooner than 30 days after the last application.</td>
<td>Do not plant any crop other than those with registered pyroproxyfen uses in treated areas sooner than 30 days after the last application.</td>
<td>Do not plant any crop other than those with registered pyroproxyfen uses in treated areas sooner than 30 days after the last application.</td>
</tr>
<tr>
<td>Tobacco Tobacco</td>
<td>Do not apply earlier than 14 days after last Knack Insect Growth Regulator treatment.</td>
<td>Do not apply earlier than 14 days after last Knack Insect Growth Regulator treatment.</td>
<td>Do not apply earlier than 14 days after last Knack Insect Growth Regulator treatment.</td>
<td>Do not apply earlier than 14 days after last Knack Insect Growth Regulator treatment.</td>
<td>Do not apply earlier than 14 days after last Knack Insect Growth Regulator treatment.</td>
<td>Do not apply earlier than 14 days after last Knack Insect Growth Regulator treatment.</td>
<td>Do not apply earlier than 14 days after last Knack Insect Growth Regulator treatment.</td>
</tr>
</tbody>
</table>

(continued)
**FRUITING VEGETABLES** (Crop Group 8) (continued)

<table>
<thead>
<tr>
<th>CROPS</th>
<th>PESTS</th>
<th>PRODUCT RATES PER ACRE</th>
<th>SPECIAL INSTRUCTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Early Season Tomatoes</strong></td>
<td>Banded Wing Whitefly</td>
<td>5-1/4&quot;</td>
<td>EARLY SEASON WHITELY CONTROL PROGRAM FOR REDUCTION OF GEMINIVIRUS: Apply as a tank mix with ground equipment for uniform coverage (10 to 120 gals/A). Make application when scouting first indicates adult whiteflies are on young plants. <strong>NOTE:</strong> This may result in treatment immediately following transplanting. MID TO LATE SEASON WHITELY CONTROL PROGRAM FOR PREVENTION OF IRREGULAR FRUIT RIPENING: Apply as a tank mix with ground equipment for uniform coverage (20 to 120 gals/A by ground). Make application when scouting indicates whiteflies are present. <strong>Knack Insect Growth Regulator</strong> may also be mixed or alternated with commonly used insecticides to comply with local IPM programs. Comply with all applicable directions, restrictions and precautions on the registered label for Danitol® 2.4 EC Spray.</td>
</tr>
<tr>
<td><strong>Late Season Tomatoes</strong></td>
<td>Potato Aphid Silverleaf Whitefly Sweetpotato Whitefly Thrips Tomato Pinworm Yellowstriped Armyworm</td>
<td>8 to 8 fl oz + Danitol® 2.4 EC Spray 10-23 fl oz</td>
<td><strong>General:</strong> 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 Insect Growth Regulator is an Insect Growth Regulator (IGR) and activity depends on the insect’s development, evidence of activity will be slower than typical contact insecticides. <strong>Managing Insect Resistance:</strong> Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Knack Insect Growth Regulator to no more than 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. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.</td>
</tr>
</tbody>
</table>

**GRAPE**

<table>
<thead>
<tr>
<th>CROP</th>
<th>PESTS</th>
<th>PRODUCT RATE PER ACRE</th>
<th>SPECIAL INSTRUCTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Grape</strong></td>
<td>Glassy-Winged Sharpshooter</td>
<td>16 fl oz</td>
<td>Apply with ground equipment as a full coverage spray (50 to 200 gals/A). Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage.</td>
</tr>
<tr>
<td><strong>Lecanium Scale</strong></td>
<td>Spray at dormant, delayed dormant or an in-season cover spray. At dormant, delayed dormant you may use a spray oil at the manufacturer’s recommended oil rate. Do not use oil in an in-season spray. In a cover spray make applications when scale crawlers first emerge. Follow local recommendations regarding in-season use and rates of oil in your area.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**General:** Knack Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.

**MANAGING INSECT RESISTANCE:** Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Knack Insect Growth Regulator to no more than 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. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.
EARLY SEASON WHITEFLY PROGRAM: Apply with ground equipment in adequate water for uniform coverage 10 to 50 gals/A. Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage.

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 Insect Growth Regulator applications per growing season.
Do not exceed 20 fl oz of Knack Insect Growth Regulator per acre per season.
Do not apply earlier than 14 days after last Knack Insect Growth Regulator treatment.
Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per season.
Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application.
Do not allow livestock to graze treated areas.
Do not use on legume vegetables varieties grown for livestock feed.

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides or insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Knack Insect Growth Regulator to no more than 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 Integrated Pest Management (IPM) and Insect resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.
DRY BULB ONIONS

GENERAL: 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 Insect Growth Regulator is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

CROP PESTS PRODUCT RATES SPECIAL INSTRUCTIONS
Per ACRE

Onion, (Dry Bulb only)
Onion Thrips Western Flower Thrip
8 fl oz FOR SUPPRESSION OF THRIPS: Apply with ground equipment in adequate water for uniform coverage (20 to 50 gals/A). Begin applications when thrips reach threshold levels per University/Extension. Thorough coverage is critical for adequate water volume to ensure thorough coverage.

Knack Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs. Do not apply within 3 days of harvest.
Do not make more than 2 Knack Insect Growth Regulator applications per growing season.
Do not exceed 16 fl oz of Knack Insect Growth Regulator per acre per season.
Do not apply earlier than 14 days after last Knack Insect Growth Regulator treatment.
Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per season.
Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application.

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Knack Insect Growth Regulator to no more than 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. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

PESTICIDE STORAGE
Store in a cool dry place.
Keep pesticide in original container.
Keep container closed when not in use.
Do not put concentrate or dilute into food or drink containers.
Not for use or storage in or around the home.
For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099.

PESTICIDE DISPOSAL
Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL
Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

©2017 Valent U.S.A. LLC
Knack is a registered trademark of Valent U.S.A. LLC
Danitol is a registered trademark of Sumitomo Chemical Company, Ltd.
Danitol is a restricted use product.
Knack® Insect Growth Regulator

Active Ingredient .............................................. By Wt
*Pyriproxyfen ........................................... 11.23%
Other Ingredients ........................................... 88.77%
Total .................................................. 100.00%
*2-[1-methyl-2-(4-phenoxyphenoxy)ethoxy]pyridine
Contains 0.86 pound ai per gallon.
Contains aromatic petroleum distillates.

NET CONTENTS 1 GALLON
KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION
Causes skin and eye irritation. Do not get on skin, in eyes or on clothing. Harmful if inhaled, swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID
If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
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 center or doctor for treatment advice.
If swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
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 center or doctor for further treatment advice.

HOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-892-0099 for emergency medical treatment information.

NOTE TO PHYSICIANS
If ingested, probable mucosal damage may contraindicate the use of gastric lavage. This product contains a light hydrocarbon liquid; ingestion or subsequent vomiting can result in aspiration of this product, which can cause pneumonitis.

PERSONAL PROTECTIVE EQUIPMENT (PPE):
Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: Coveralls over short-sleeved shirt and short pants or long-sleeved shirt and long pants, chemical-resistant gloves, such as Barrier Laminate or Viton ≥ 14 mils, chemical-resistant footwear plus socks, chemical-resistant headgear for overhead exposure, chemical-resistant apron when cleaning equipment, mixing or loading.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS
Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by disposing of equipment washwater or rinsate. Avoid direct application and/or spray drift to bee hives.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Agricultural Use Requirements
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under “Agricultural Use Requirements” in the Directions for Use section for information about this standard.

For complete directions for use, disclaimer and storage and disposal see booklet.

Manufactured for Valent U.S.A. LLC
P.O. Box 8025   Walnut Creek CA 94596-8025
Form 1277-P   Made in U.S.A.
059639-00095.20120531.KNK
EPA Reg. No. 59639-95
EPA Est. 39578-TX-1