NET WEIGHT 3 POUNDS 2 OUNCES
(CONTAINS 10/5 OZ WSP PACKETS)

Active Ingredient By Wt.
Pyriproxyfen (2-[1-methyl-2-
(4-phenoxyphenoxy) ethoxy]pyridine) .......... 35.0%
Other Ingredients........................................ 65.0%
Total...................................................... 100.0%

Esteem® 35 WP Insect Growth Regulator is a wettable powder formula containing 35% active ingredient.

EPA Reg. No. 59639-115    EPA Est. 67545-AZ-01

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION: Causes moderate eye irritation. 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.

FIRST AID

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.

If inhaled: Move person to fresh air. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

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 treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going to the hospital. You may also call 1-800-892-0099 for emergency medical treatment information.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear: long-sleeved shirt, long pants, and socks plus shoes. 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 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 170. 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 long-sleeved shirt and long pants, waterproof gloves and socks plus shoes.

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, lack of control 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 because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product which may have synergistic or additive effects on the characteristics of this product.
LIMITED WARRANTY
Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law AND AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY
To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

TANK MIXES
NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor, to the extent allowed by applicable law. Read and follow the entire label of each product to be used in the tank mix with this product.

WATER SOLUBLE PACKAGING
This bag contains multiple water soluble packets of Esteem 35 WP Insect Growth Regulator. Do not handle the packets with wet gloves or allow the packets to become wet prior to addition to spray tank. Do not break open packets. Refer to the Table of Equivalents to calculate the number of packets to use. If all packets are not used, close and reseal outer container to protect remaining packet(s).

Table of Equivalents

<table>
<thead>
<tr>
<th>RATES OF ESTEEM 35 WP Insect Growth Regulator PER ACRE</th>
<th># OF WATER SOLUBLE PACKETS TO TREAT 5 ACRES</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 oz</td>
<td>3</td>
</tr>
<tr>
<td>4 oz</td>
<td>4</td>
</tr>
<tr>
<td>5 oz</td>
<td>5</td>
</tr>
</tbody>
</table>

GENERAL INFORMATION
• Do not apply this product through any type of irrigation system.

Esteem 35 WP Insect Growth Regulator is intended for use in Integrated Pest Management (IPM) or Insect Resistance Management (IRM) programs. Esteem 35 WP 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.

Esteem 35 WP Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Esteem 35 WP Insect Growth Regulator has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since Esteem 35 WP 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.
GENERAL: Esteem 35 WP Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Esteem 35 WP Insect Growth Regulator has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since Esteem 35 WP is an Insect Growth Regulator (IGR) and activity depends on the insect’s development, evidence of activity will be slower than typical contact insecticides.

Esteem 35 WP 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 7 days of harvest.
- Do not apply before or after 14 days of harvest.

Esteem 35 WP Insect Growth Regulator applications per growing season should not exceed 10 oz of Esteem 35 WP Insect Growth Regulator per acre.

Regardless of formulation do not apply more than 0.218 lb pyriproxyfen per acre per season.

Esteem 35 WP 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 7 days of harvest.
- Do not apply before or after 14 days of harvest.

Esteem 35 WP Insect Growth Regulator applications per growing season should not exceed 10 oz of Esteem 35 WP Insect Growth Regulator per acre.

Regardless of formulation do not apply more than 0.218 lb pyriproxyfen per acre per season.

 MANAGEMENT INSECT RESISTANCE: Repeated use of the same class of insecticides with simi-
lar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. Corporation is restricting Esteem 35 WP Insect Growth Regulator to no more than two applications per growing season. Esteem 35 WP 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.

### CORTISUS (Including Ugli Fruit and White Sapote) (Crop Group 10)

#### GENERAL:
Esteem 35 WP Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Esteem 35 WP Insect Growth Regulator has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since Esteem 35 WP 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.

<table>
<thead>
<tr>
<th>CROPS</th>
<th>PESTS</th>
<th>PRODUCT RATES PER ACRE</th>
<th>SPECIAL INSTRUCTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citrus Ugli Fruit White Sapote</td>
<td>Black Scale Brown Soft Scale California Red Scale Florida Red Scale Snow Scale</td>
<td>5 oz</td>
<td>Apply with ground equipment in 200 to 1500 gals/A. Apply in sufficient water volume for tree size. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage. Apply anytime prior to fruit becoming infested when scale is in the crawler stage. Thorough coverage is essential for good control. Esteem 35 WP Insect Growth Regulator may be applied with superior spray oils at 1/2 to 1%. Follow the manufacturer’s directions and recommendations on timing and rates. NOTE: For scale apply only one application during emergence of scale crawlers per calendar year. Esteem 35 WP Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) programs and Insect Resistance Management (IRM) programs. • Do not apply within 1 day of harvest. • Do not make more than 2 Esteem 35 WP Insect Growth Regulator applications per growing season. • Do not exceed 6 oz of Esteem 35 WP Insect Growth Regulator per acre per season. • Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per season. • Do not apply earlier than 21 days after last Esteem 35 WP Insect Growth Regulator treatment.</td>
</tr>
</tbody>
</table>

Esteem 35 WP Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) programs and Insect Resistance Management (IRM) programs.

- Do not apply within 1 day of harvest.
- Do not make more than 2 Esteem 35 WP Insect Growth Regulator applications per growing season.
- Do not exceed 6 oz of Esteem 35 WP Insect Growth Regulator per acre per season.
- Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per season.

### 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. Corporation is restricting Esteem 35 WP Insect Growth Regulator to no more than two applications per growing season. Esteem 35 WP 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.
**GENERAL:** Esteem 35 WP Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Esteem 35 WP Insect Growth Regulator has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since Esteem 35 WP 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.

### CROPS | PEDEST | PRODUCT RATES PER ACRE | SPECIAL INSTRUCTIONS
--- | --- | --- | ---
Olive | Black Scale | 4 to 5 oz | Apply with ground equipment in 100 to 400 gals/A. Apply in sufficient water volume for tree size. Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage. Apply at either dormant, delayed dormant or an in-season cover spray. At dormant, 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. Under heavy scale pressure, use the higher rate of Esteem 35 WP Insect Growth Regulator.

Esteem 35 WP 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 7 days of harvest.
- Do not apply within 7 days of harvest.
- Do not make more than 2 Esteem 35 WP Insect Growth Regulator applications per growing season.
- Do not exceed 10 oz of Esteem 35 WP Insect Growth Regulator per acre per season.
- Do not apply earlier than 14 days after last Esteem 35 WP Insect Growth Regulator treatment.
- Regardless of formulation do not apply more than 0.218 lb pyriproxyfen per acre per season.

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. Corporation is restricting Esteem 35 WP Insect Growth Regulator to no more than two applications per growing season. Esteem 35 WP 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.

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**GENERAL:** Esteem 35 WP Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Esteem 35 WP Insect Growth Regulator has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since Esteem 35 WP 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.

### CROPS | PEDEST | PRODUCT RATES PER ACRE | SPECIAL INSTRUCTIONS
--- | --- | --- | ---
Pome Fruit: Apple Crabapple Logan Mayhaw Quince | Codling Moth Suppression of: Pandemis Leafroller Obliquebanded Leafroller | 4 to 5 oz | Apply by ground with airblast equipment in a minimum of 50 gals/A. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage. 1st Generation Codling Moth: Apply at Biofix plus 100 degree days (this is usually close to petal fall). Make a second application 14 to 21 days later or timed to coincide with peak moth flights. For subsequent applications, if needed, apply other insecticides registered for Codling Moth control. The addition of oil has been shown to increase Codling Moth activity of Esteem 35 WP Insect Growth Regulator. Follow local recommendations regarding in-season use and rates of oil in your area. Obliquebanded and Pandemis Leafroller: Apply to the overwintering larvae at pink to petal fall tree growth stage. Esteem 35 WP Insect Growth Regulator does not directly control the larvae but inhibits normal pupation and adult emergence.

(continued)
**POME FRUIT (Crop Group 11)**

### SPECIAL INSTRUCTIONS

**Pome Fruit:**
- **Apple**
- **Crabapple**
- **Loquat**
- **Mayhaw**
- **Quince**

**Florida Red Scale**

**Lecanium Scale**

**San Jose Scale**

Apply by ground with airblast equipment in a minimum of 50 gals/A. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage.

Apply at delayed dormant through pink. For delayed dormant use a superior spray oil at the manufacturer’s recommended rate of oil.

Under heavy scale pressure, use the higher rate of Esteem 35 WP Insect Growth Regulator.

**Scale:**

For control in-season, make application in cover sprays when scale crawlers first emerge. The use of oil at the crawler emergence stage has been shown to improve control. Follow local recommendations regarding in-season use and rates of oil in your area.

### PRODUCT RATES PER ACRE

- **4 to 5 oz**

**Green Apple**

**Aphid**

**Rosy Apple Aphid**

**Spirea Aphid**

**Spotted Tentiform Leafminer**

**Western Tentiform Leafminer**

Apply by ground with airblast equipment in a minimum of 50 gals/A. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage.

Leafminers: Apply at peak moth flight for control of 1st or 2nd generation. This usually occurs at pre-pink to pink apple stage for 1st generation and 2nd cover for 2nd generation.

**Rosy Apple Aphid:** Apply at 1/2” green apple growth stage.

**Green Apple & Spirea Aphid:** Apply when aphids first appear, but before aphids are colonized.

**TIMING IS CRITICAL FOR ACCEPTABLE APHID CONTROL.**

### CROPS

**Pome Fruit:**

**Pear**

**Oriental Pear**

**Pear Psylla**

Apply by ground with airblast equipment in 75 to 400 gals/A with a superior spray oil at manufacturer’s recommended rates for the stage of growth. It is essential to use adequate water volume to ensure thorough coverage.

Apply a single application during the delayed dormant to pink stage of growth at 5 oz/A or make two applications from delayed dormant through petal fall stage of growth at 4 to 5 oz/A. Make application just before sustained egg lay is anticipated.

**DO NOT USE SKIP ROWS DURING APPLICATION.**

For in-season control of pear psylla, use an insecticide recommended for this use.

**Lecanium Scale**

**San Jose Scale**

Apply by ground with airblast equipment in 100 to 400 gals/A at delayed dormant with a superior spray oil at the manufacturer’s recommended rates. Under heavy scale pressure, use the higher rate.

Apply in sufficient water volume for tree size. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage.

For control of scale in-season make application in cover sprays when scale crawlers first emerge. The use of oil at the crawler emergence stage has been shown to improve performance. Follow local recommendations regarding in-season use and rates of oil in your area.
Apply in 100 to 400 gals/A with ground equipment.

4" 4"

Apply at Bio

SPECIAL INSTRUCTIONS
Apply by ground with airblast equipment in 100

SPECIAL INSTRUCTIONS
PESTS
Recommendations. Read and follow all product labels before applying any insecticide.

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. Corporation is restricting Esteem 35 WP Insect Growth Regulator to no more than two applications per growing season. Esteem 35 WP 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.

STONE FRUIT (Crop Group 12)

GENERAL: Esteem 35 WP Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Esteem 35 WP Insect Growth Regulator has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since Esteem 35 WP 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.

CROPS: PESTS: PRODUCT RATES SPECIAL INSTRUCTIONS

CROP

PEST

RATES PER ACRE

Esteem 35 WP 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 45 days of harvest.
• Do not make more than three applications per growing season.
• Do not exceed 15 oz of Esteem 35 WP Insect Growth Regulator per acre per season.
• Do not apply earlier than 14 days after last Esteem 35 WP Insect Growth Regulator treatment.
• Regardless of formulation do not apply more than 0.218 lb pyriproxyfen per acre per season.

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. Corporation is restricting Esteem 35 WP Insect Growth Regulator to no more than three applications per growing season. Esteem 35 WP 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.

VALOR®

Pome Fruit: (Crop Group 11) (continued)

PESTs: PRODUCT RATES SPECIAL INSTRUCTIONS

CROP

PEST

RATES PER ACRE

Apply by ground with airlblast equipment in 100 to 400 gals/A.

1st Generation Codling Moth: Apply at Biofix plus 100 degree days. Make a second applica-
tion 14 to 21 days later or timed to coincide with peak moth flights. For subsequent applica-
tions, if needed, apply other insecticides registered for Codling Moth control. The addi-
tion of oil has been shown to increase Coding Moth activity of Esteem 35 WP Insect Growth Regulator. Follow local recommendations regarding in-season use and rates of oil in your area.

For additional generations apply other insecti-
cides registered for Codling Moth control.

Esteem 35 WP 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.

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. Corporation is restricting Esteem 35 WP Insect Growth Regulator to no more than three applications per growing season. Esteem 35 WP 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.

Pome Fruit: Pear Oriental Pear

Codling Moth Suppression of: Obliquebanded Leafroller Pandemis Leafroller

4 to 5 oz

Apply at Biofix plus 100 degree days. Make a second applica-
tion 14 to 21 days later or timed to coincide with peak moth flights. For subsequent applica-
tions, if needed, apply other insecticides registered for Codling Moth control. The addi-
tion of oil has been shown to increase Coding Moth activity of Esteem 35 WP Insect Growth Regulator. Follow local recommendations regarding in-season use and rates of oil in your area.

For additional generations apply other insecti-
cides registered for Codling Moth control.

Esteem 35 WP 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.

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STONE FRUIT (Crop Group 12)

GENERAL: Esteem 35 WP Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Esteem 35 WP Insect Growth Regulator has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since Esteem 35 WP 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.

CROPS: PESTS: PRODUCT RATES SPECIAL INSTRUCTIONS

CROP

PEST

RATES PER ACRE

Esteem 35 WP 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.

In-season sprays of Esteem 35 WP Insect Growth Regulator may not protect fruit from blemish-
es by scale.

Esteem 35 WP 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 14 days of harvest.

Do not make more than 3 Esteem 35 WP Insect Growth Regulator applications per growing season.

Do not exceed 15 oz of Esteem 35 WP Insect Growth Regulator per acre per season.

Do not apply earlier than 14 days after last Esteem 35 WP Insect Growth Regulator treatment.

Regardless of formulation do not apply more than 0.327 lb pyriproxyfen per acre per season.

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. Corporation is restricting Esteem 35 WP Insect Growth Regulator to no more than three applications per growing season. Esteem 35 WP 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.

STONE FRUIT (Crop Group 12)

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CROPS: PESTS: PRODUCT RATES SPECIAL INSTRUCTIONS

CROP

PEST

RATES PER ACRE

Esteem 35 WP 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.

STONE FRUIT (Crop Group 12)

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CROPS: PESTS: PRODUCT RATES SPECIAL INSTRUCTIONS

CROP

PEST

RATES PER ACRE

Esteem 35 WP 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.
**TREE NUTS (Crop Group 14)**

**GENERAL:** *Esteem 35 WP Insect Growth Regulator* acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. *Esteem 35 WP Insect Growth Regulator* has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since *Esteem 35 WP 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.

**CROPS**

**PESTS**

**PRODUCT RATES PER ACRE**

**SPECIAL INSTRUCTIONS**

<table>
<thead>
<tr>
<th>CROPS</th>
<th>PESTS</th>
<th>PRODUCT RATES PER ACRE</th>
<th>SPECIAL INSTRUCTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tree Nuts: Almond</td>
<td>Black Scale</td>
<td>4 to 5 oz</td>
<td>Apply with ground equipment in 100 to 400 gals/A. Coverage is essential for good control. Apply in sufficient water volume for tree size. Use of higher water volume will assure better coverage. Apply at either dormant, delayed dormant or an in-season cover spray. At dormant, 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.</td>
</tr>
<tr>
<td>Tree Nuts: Beechnut Brazil</td>
<td>Codling Moth</td>
<td>5 oz</td>
<td>Apply with ground equipment in 100 to 400 gals/A. Coverage is essential for good control. It is essential to use adequate water volume to ensure thorough coverage. 1st Generation Codling Moth: Apply at Biofix plus 100 degree days. Make a second application 14 to 21 days later or timed to coincide with peak moth flights. For subsequent applications, if needed, apply other insecticides registered for Codling Moth control. The addition of oil has been shown to increase Codling Moth activity of <em>Esteem 35 WP Insect Growth Regulator</em>. Follow local recommendations regarding in-season use and rates of oil in your area.</td>
</tr>
<tr>
<td>Tree Nuts: Butternut</td>
<td>Dusky Veined Aphid</td>
<td>5 oz</td>
<td>Esteem 35 WP 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 21 days of harvest. • Do not make more than 2 <em>Esteem 35 WP Insect Growth Regulator</em> applications per growing season. • Do not exceed 10 oz of <em>Esteem 35 WP Insect Growth Regulator</em> per acre per season. • Regardless of formulation do not apply more than 0.218 lb pyriproxyfen per acre per season. • Do not apply earlier than 14 days after last <em>Esteem 35 WP Insect Growth Regulator</em> treatment.</td>
</tr>
<tr>
<td>Tree Nuts: Chestnut</td>
<td>Walnut Aphid</td>
<td>5 oz</td>
<td>Esteem 35 WP 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 21 days of harvest. • Do not make more than 2 <em>Esteem 35 WP Insect Growth Regulator</em> applications per growing season. • Do not exceed 10 oz of <em>Esteem 35 WP Insect Growth Regulator</em> per acre per season. • Regardless of formulation do not apply more than 0.218 lb pyriproxyfen per acre per season. • Do not apply earlier than 14 days after last <em>Esteem 35 WP Insect Growth Regulator</em> treatment.</td>
</tr>
</tbody>
</table>

**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. Corporation is restricting *Esteem 35 WP Insect Growth Regulator* to one application per growing season. *Esteem 35 WP Insect Growth Regulator* may be used in alternation with other IGR materials possessing dissimilar modes of action and/or other chemical classes of insecticides. 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. (continued)
**TREE NUTS (Crop Group 14) (continued)**

<table>
<thead>
<tr>
<th>CROPS</th>
<th>PESTS</th>
<th>PRODUCT RATES PER ACRE</th>
<th>SPECIAL INSTRUCTIONS</th>
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</thead>
<tbody>
<tr>
<td>Beechnut</td>
<td>Black Scale</td>
<td>4 to 5 oz</td>
<td>Apply with ground equipment in 100 to 400 gals/A at either dormant, delayed dormant or an in-season cover spray. The addition of a superior spray oil at dormant or delayed dormant may improve scale control. However, do not use a spray oil in oil sensitive crops such as Walnut. Follow manufacturer’s recommendations regarding use and rates of oil for your area. 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. Under heavy scale pressure, use the higher rate. Coverage is essential for good control. Apply in sufficient water volume for tree size. Use of higher water volume will assure better coverage.</td>
</tr>
<tr>
<td>Brazil</td>
<td>Brown Soft Scale</td>
<td></td>
<td>Esteem 35 WP 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 21 days of harvest. • Do not make more than 2 Esteem 35 WP Insect Growth Regulator applications per growing season. • Do not exceed 10 oz of Esteem 35 WP Insect Growth Regulator per acre per season. • Do not apply earlier than 14 days after last Esteem 35 WP Insect Growth Regulator treatment. Regardless of formulation do not apply more than 0.218 lb pyriproxyfen per acre per season.</td>
</tr>
<tr>
<td>Butternut</td>
<td>Italian Scale</td>
<td></td>
<td>Esteem 35 WP 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>
<tr>
<td>Chestnut</td>
<td>Lecanium Scale</td>
<td></td>
<td>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. Corporation is restricting Esteem 35 WP Insect Growth Regulator to no more than two applications per growing season. Esteem 35 WP 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>
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<tr>
<td>Chinquapin</td>
<td>San Jose Scale</td>
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<tr>
<td>Filbert</td>
<td>Walnut Scale</td>
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<td>(Hazelnut)</td>
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<td>Hickory</td>
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<td>Macadamia</td>
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<td>Pecan</td>
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<td>Pistachio</td>
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<td>Walnut</td>
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**TROPICAL & SUBTROPICAL FRUIT**

**GENERAL:** Esteem 35 WP Insect Growth Regulator Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Esteem 35 WP Insect Growth Regulator has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since Esteem 35 WP 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.

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<thead>
<tr>
<th>CROPS</th>
<th>PESTS</th>
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<tbody>
<tr>
<td>Tropical &amp; Subtropical Fruit:</td>
<td>Scale</td>
<td>5 oz</td>
<td>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. Apply at either dormant, delayed dormant or as an 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. Esteem 35 WP 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 14 days of harvest. • Do not make more than 2 Esteem 35 WP Insect Growth Regulator applications per growing season. • Do not exceed 10 oz of Esteem 35 WP Insect Growth Regulator per acre per season. • Do not apply earlier than 14 days after last Esteem 35 WP Insect Growth Regulator treatment. Regardless of formulation do not apply more than 0.218 lb pyriproxyfen per acre per season. • Do not apply earlier than 14 days after last Esteem 35 WP Insect Growth Regulator treatment.</td>
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<tr>
<td>Acerola</td>
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<td>Esteem 35 WP 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 14 days of harvest. • Do not make more than 2 Esteem 35 WP Insect Growth Regulator applications per growing season. • Do not exceed 10 oz of Esteem 35 WP Insect Growth Regulator per acre per season. • Do not apply earlier than 14 days after last Esteem 35 WP Insect Growth Regulator treatment. Regardless of formulation do not apply more than 0.218 lb pyriproxyfen per acre per season. • Do not apply earlier than 14 days after last Esteem 35 WP Insect Growth Regulator treatment.</td>
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<td>Atemoya</td>
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<td>Avocado</td>
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<td>Bibra</td>
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<td>Black</td>
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<td>Sapote</td>
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<td>Canistel</td>
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<td>Cherimoya</td>
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<td>Custard</td>
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<td>Apple</td>
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<td>Feijoa</td>
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<td>Guava</td>
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<td>Ilama</td>
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<td>Jaboticaba</td>
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<td>Longan</td>
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<td>Lychee</td>
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<td>Mamey</td>
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<tr>
<td>Sapote</td>
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(continued)
TROPICAL & SUBTROPICAL FRUIT (continued)

<table>
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<td>5 oz</td>
<td>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. Apply at either dormant, delayed dormant or as an 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. Esteem 35 WP 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 14 days of harvest. • Do not make more than 2 Esteem 35 WP applications per growing season. • Do not exceed 10 oz of Esteem 35 WP per acre per season. • Regardless of formulation do not apply more than 0.218 lb pyriproxyfen per acre per season. • Do not apply earlier than 14 days after last Esteem 35 WP treatment.</td>
</tr>
<tr>
<td>Mango</td>
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<td>Papaya</td>
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<td>Passionfruit</td>
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<td>Pulasan</td>
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<td>Rambutan</td>
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<td>Sapodilla</td>
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<td>Soursop</td>
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<td>Spanish</td>
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<td>Lime</td>
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<td>Star Apple</td>
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<tr>
<td>Starfruit</td>
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<td>Sugar Apple</td>
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<tr>
<td>Wax Jambu</td>
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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 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 outer bag. Do not reuse or refill the outer bag. Completely empty bag into application equipment. Then dispose the empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Copyright © 2012 by Valent U.S.A. Corporation
NET WEIGHT 3 POUNDS 2 OUNCES (CONTAINS 10/5 OZ WSP PACKETS)

Active Ingredient

Pyriproxyfen (2-[1-methyl-2-
(4-phenoxyphenoxy) ethoxy]pyridine) ............ 35.0%
Other Ingredients ................................... 65.0%
Total .................................................. 100.0%

Esteem® 35 WP Insect Growth Regulator is a wettable powder formula containing 35% active ingredient.

EPA Reg. No. 59639-115  EPA Est. 67545-AZ-01

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS