

TERVA™ 35 WP

INSECT GROWTH REGULATOR

ACTIVE INGREDIENT:	BY WT.
Pyriproxyfen: 2-[1-methyl-2-(4-phenoxyphenoxy)ethoxy]pyridine . . .	35.0%
OTHER INGREDIENTS:	<u>65.0%</u>
TOTAL	100.0%

Terva™ 35 WP Insect Growth Regulator is a wettable powder formula containing 35% active ingredient.

EPA Reg. No. 59639-115-66222

EPA Est. No. 67545-AZ-001



Manufactured for:
Makhteshim Agan
of North America, Inc.
 3120 Highwoods Blvd
 Suite 100

M A N A Raleigh, NC 27604

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND 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.

For additional First Aid, precautionary, handling, and use statements, see inside of this booklet.

EPA 042910/Rev B
 Form 1837-B

Net Contents: 40 Ounces (10 x 4 Ounce Water-Soluble Packets)

FIRST AID

IF IN EYES:	<ul style="list-style-type: none">• 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 INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• 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 for treatment. You may also contact Prosar at 1-877-250-9291 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

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PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants
- 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 beehives.

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
- Socks plus shoes

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

The bag contains multiple water soluble packets of Terva™ 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

RATES OF TERVA 35 WP PER ACRE	NUMBER OF WATER SOLUBLE PACKETS TO TREAT 4.0 ACRES
3 oz.	3
4 oz.	4
5 oz.	5

GENERAL INFORMATION

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

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

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

POME FRUIT (Crop Group 11)

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

**POME FRUIT
(CROP GROUP 11)**

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Pome Fruit: Apple Crabapple Loquat Mayhaw Quince	Codling Moth Suppression of: Obliquebanded Leafroller Pandemis Leafroller	4 to 5 oz.	<p>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.</p> <p>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 Terva 35 WP. Follow local recommendations regarding in-season use and rates of oil in your area.</p> <p>Obliquebanded and Pandemis Leafroller: Apply to the overwintering larvae at pink to petal fall tree growth stage. Terva 35 WP does not directly control the larvae but inhibits normal pupation and adult emergence.</p>
	Florida Red Scale Lecanium Scale San Jose Scale	4 to 5 oz.	<p>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.</p> <p>Apply at delayed dormant through pink. For delayed dormant use a superior spray oil at the manufacturer's recommended rate of oil.</p> <p>Under heavy scale pressure, use the higher rate of Terva 35 WP.</p> <p>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.</p>

**POME FRUIT
(CROP GROUP 11) cont.**

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
<p>Pome Fruit: Apple Crabapple Loquat Mayhaw Quince cont.</p>	<p>Green Apple Aphid Rosy Apple Aphid Spirea Aphid Spotted Ten- tiform Leafminer Western Ten- tiform Leafminer</p>	<p>3 to 5 oz.</p>	<p>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.</p> <p>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.</p> <p>Rosy Apple Aphid: Apply at 1/2" green apple growth stage.</p> <p>Green Apple and Spirea Aphid: Apply when aphids first appear, but before aphids are colonized.</p> <p>TIMING IS CRITICAL FOR ACCEPTABLE APHID CONTROL.</p>
<p>Pome Fruit: Pear Oriental Pear</p>	<p>Pear Psylla</p>	<p>4 to 5 oz.</p>	<p>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.</p> <p>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.</p> <p>DO NOT USE SKIP ROWS DURING APPLICATION.</p> <p>For in-season control of pear psylla, use an insecticide recommended for this use.</p>

**POME FRUIT
(CROP GROUP 11) cont.**

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Pome Fruit: Pear Oriental Pear cont.	Lecanium Scale San Jose Scale	4 to 5 oz.	<p>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.</p> <p>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.</p> <p>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.</p>
	Codling Moth Suppression of: Obliquebanded Leafroller Pandemis Leafroller	4 to 5 oz.	<p>Apply by ground with airblast equipment in 100 to 400 gals./A.</p> <p>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 Terva 35 WP. Follow local recommendations regarding in-season use and rates of oil in your area.</p> <p>For additional generations apply other insecticides registered for Codling Moth control.</p>

Terva 35 WP 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 45 days of harvest.
- Do not make more than two Terva 35 WP applications per growing season.
- Do not exceed 10 oz. of Terva 35 WP per acre per season.
- Do not apply earlier than 14 days after last Terva 35 WP 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 practice, Makhteshim Agan of North America, Inc. is restricting Terva 35 WP Insect Growth Regulator to no more than two applications per growing season. Terva 35 WP 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: Terva 35 WP acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Terva 35 WP has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since Terva 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.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Tree Nuts: Almond	Black Scale San Jose Scale Suppression of: Peach Twig Borer	4 to 5 oz.	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. Terva 35 WP has provided good suppression of Peach Twig Borer when applied delayed dormant through bloom sprays.
Almond: <ul style="list-style-type: none"> • Do not apply within 21 days of harvest. • Do not make more than one Terva 35 WP application per growing season. • Do not exceed 5 oz. of Terva 35 WP per acre per season. • Regardless of formulation do not apply more than 0.109 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, Makhteshim Agan of North America, Inc. is restricting Terva 35 WP Insect Growth Regulator to one application per growing season. Terva 35 WP 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.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Tree Nuts: Beechnut Brazil Butternut Cashew Chestnut Chinquapin Filbert (Hazelnut) Hickory Macadamia Pecan Pistachio Walnut	Codling Moth Dusky Veined Aphid Walnut Aphid	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 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 Terva 35 WP. Follow local recommendations regarding in-season use and rates of oil in your area.
	Black Scale Brown Soft Scale Italian Scale Lecanium Scale San Jose Scale Walnut Scale Suppression of: Peach Twig Borer	4 to 5 oz.	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 for 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.
Terva 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. <ul style="list-style-type: none"> • Do not apply within 21 days of harvest. • Do not make more than two Terva 35 WP applications per growing season. • Do not exceed 10 oz. of Terva 35 WP per acre per season. • Do not apply earlier than 14 days after the last Terva 35 WP 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, Makhteshim Agan of North America, Inc. is restricting Terva 35 WP Insect Growth Regulator to no more than two applications per growing season. Terva 35 WP 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 IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

**STONE FRUIT
(Crop Group 12)**

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

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Stone Fruit: Apricot Cherry Chickasaw Plum Damson Plum Fresh Prune Japanese Plum Nectarine Peach Plum Plumcot Prune	Lecanium Scale San Jose Scale Suppression of: Peach Twig Borer	4 to 5 oz.	Apply in 100 to 400 gals./A with ground equipment. Coverage is essential for good control. Apply in sufficient water volume for tree size. Use of higher water volume will assure better coverage. Scale: Apply at dormant, delayed dormant or as an in-season cover spray. At dormant, delayed dormant use a spray oil at the manufacturer's recommended oil rate. Under heavy scale pressure, use the higher rate of Terva 35 WP. Peach Twig Borer: Terva 35 WP has provided good suppression of Peach Twig Borer when applied delayed dormant through bloom sprays. Use a spray oil at the manufacturer's recommended rate for the stage of crop growth.

In-season sprays of Terva 35 WP may not protect fruit from blemishes by scale.

Terva 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 three Terva 35 WP applications per growing season.
- Do not exceed 15 oz. of Terva 35 WP per acre per season.
- Do not apply earlier than 14 days after last Terva 35 WP application.
- 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, Makhteshim Agan of North America, Inc. is restricting Terva 35 WP Insect Growth Regulator to no more than three applications per growing season. Terva 35 WP 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 spill, leak, fire or exposure involving this material, call day or night 800-892-0090.

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.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES** and **LIMITATIONS OF LIABILITY**.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Makhteshim Agan of North America, Inc. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Makhteshim Agan of North America, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Makhteshim Agan of North America, Inc.'s election, the replacement of product.

Terva is a trademark of a Makhteshim Agan Group Company.