



pressure setting to eliminate off target drift. Check calibration periodically to ensure that equipment is working properly.

Consult your local State Agricultural Experiment Station or State Extension Turf Specialists for more specific information regarding timing of application.

APPLICATIONS ON TURFGRASS		
PEST	USE DIRECTIONS	RATE
<b>Larvae of:</b> European Crane Fly, ( <i>Tipula paludosa</i> ) Annual bluegrass weevil, ( <i>Hyperodes</i> spp.) Green June Beetle, ( <i>Cotinis nitida</i> ) May or June beetle, ( <i>Phyllophaga</i> spp.) Asiatic garden beetle, ( <i>Maladera castanea</i> ) Japanese Beetle, ( <i>Popillia japonica</i> ) Billbug, ( <i>Sphenophorus</i> spp.) Northern masked chafer and Southern masked chafer, ( <i>Cyclocephala borealis</i> , <i>C. immaculata</i> , and/or <i>C. lurida</i> ); Black turfgrass ateniens ( <i>Ataenius spretulus</i> and <i>Aphodius</i> spp.) Oriental Beetle, ( <i>Anomala orientalis</i> ) Cutworms (suppression), ( <i>Phyllophaga</i> spp.); European chafer, ( <i>Rhizotrogus majalis</i> )	For best results, for the control of grubs, billbugs, European crane fly and annual bluegrass weevil, make application prior to egg hatch of the target pest.  Refer to <b>Application Instructions</b> section of the label.	1.6 oz. (1 packet) per 8,250 to 11,000 sq. ft.
Chinch bug (suppression) Mole Crickets, ( <i>Scapteriscus</i> spp.)	For suppression of chinch bugs, make application prior to hatching of the instar nymphs.  For control of mole crickets, make application prior to or during the peak egg-hatch period. When adults or large nymphs are present and actively tunneling, application should be accompanied by a curative insecticide. Follow label instructions for other insecticides when tank mixing.	1.6 oz. (1 packet) per 8,250

#### ORNAMENTALS

QUALI-PRO IMIDACLOPRID 75 WSB is for use on ornamentals in commercial and residential landscapes and interior plantscapes.

#### Foliar Applications

QUALI-PRO IMIDACLOPRID 75 WSB mixes with water and may be used in a variety of application equipment. Mix product with the required amount of water and apply as directed for the selected use pattern.

When making foliar applications on hard-to-wet foliage such as holly, pine, or ivy, the addition of a spreader/sticker is recommended. If concentrate or mist type spray equipment is used, an equivalent amount of product must be used on the area sprayed, as would be used in a dilute application.

#### Application Instructions

QUALI-PRO IMIDACLOPRID 75 WSB is a systemic product and will be translocated upward into the plant system from root uptake. Place the product where the growing portion of the target plant can absorb the active ingredient. The addition of a nitrogen-containing fertilizer, where applicable, into the solution may enhance the uptake of the active ingredient. Application can be made by foliar application or soil applications including soil injection, drenches, and broadcast sprays. Foliar applications offer locally systemic activity against insect pests.

When making soil applications to plants with woody stems, systemic activity will be delayed until the active ingredient is translocated throughout the plant. In some cases, this translocation delay could take 60 days or longer. For this reason, applications should be made prior to anticipated pest infestation to achieve optimum levels of control.

For outdoor ornamentals, broadcast applications cannot exceed a total of 8.6 oz (0.4 lb of active ingredient) per acre per year.

#### Ant Management Programs

Use QUALI-PRO IMIDACLOPRID 75 WSB to control aphids, scale insects, mealybugs and other sucking pests on ornamentals to limit the honeydew available as a food source for ant populations. QUALI-PRO IMIDACLOPRID 75 WSB applications can then be supplemented with residual sprays, bait placements, or other ant control tactics to further reduce the pest population.

APPLICATIONS Trees, Shrubs, Evergreens, Flowers, Foliage Plants, Ground Covers, and Interior Plantscapes For use only in industrial and commercial buildings and on residential areas.		
PEST	RATE	INSTRUCTIONS
Adelgids Aphids Japanese beetles Lace bugs Leaf beetles (including elm and viburnum leaf beetles) Leafhoppers (including glassy-winged sharpshooter) Mealybugs Psyllids Sawfly larvae Thrips (suppression) Whiteflies	1.6 oz. (1 packet) per 300 gals. of water	<b>Foliar Applications:</b> Start treatments prior to establishment of high pest populations and reapply on an as-needed basis.
White grub larvae (such as Japanese beetle larvae, Chafers, <i>Phyllophaga</i> spp. Asiatic garden beetle, Oriental beetle)	1.6 oz. (1 packet) per 8,250 to 11,000 sq. ft.	<b>Broadcast Applications:</b> Mix required amount of product in sufficient water to uniformly and accurately cover the area being treated. Do not use less than 2 gallons of water per 1000 sq ft. Irrigate thoroughly to incorporate QUALI-PRO IMIDACLOPRID 75 WSB into the upper soil profile. Refer to FLOWERS and GROUNDCOVERS for additional use directions.

APPLICATIONS Trees, Shrubs, Flowers and Groundcovers For use only in industrial and commercial buildings and on residential areas and state, national, and private wooded and forested areas to control the insect pests listed below.		
PEST	CROP/RATE	INSTRUCTIONS
Adelgids Aphids Armored scales (suppression) Black vine weevil larvae Eucalyptus longhorned borer Flatheaded borers (including bronze birch borer and alder borer) Japanese beetles Lace bugs Leaf beetles (including elm and viburnum leaf beetles) Leafhoppers (including glassy-winged sharpshooter) Leafminers Mealybugs Pine tip moth larvae Royal Palm Bugs Sawfly larvae Soft Scales Thrips (suppression) White grub larvae Whiteflies	<b>TREES</b> 1.6 oz. (1 packet) per 24 to 48 inches of cumulative trunk diameter  <b>SHRUBS</b> 1.6 oz. (1 packet) per 24 to 48 inches of cumulative shrub height  <b>FLOWERS &amp; GROUND-COVERS</b> 1.6 oz. (1 packet) per 8,250 to 11,000 ft.	Mix required dosage in sufficient water to inject an equal amount of solution in each hole. Maintain a low pressure and use sufficient solution for distribution of the liquid into the treatment zone. Keep the treated area moist for 7 to 10 days. Do not use less than 4 holes per tree.  <b>SOIL INJECTION:</b> For application to trees - Grid System: Holes should be spaced on 2.5 foot centers, in a grid pattern, extending to the drip line of the tree. Circle System: Apply in holes evenly spaced in circles, (use more than one circle dependent upon the size of the tree) beneath the drip line of the tree extending in from that line. Basal System: Space injection holes evenly around the base of the tree trunk no more than 6 to 12 inches out from the base.  For application to shrubs - Apply to individual plants using dosage indicated.  <b>SOIL DRENCH:</b> Uniformly apply the dosage in no less than 10 gallons of water per 1000 square feet as a drench around the base of the tree directed to the root zone. Remove plastic or any other barrier that will stop solution from reaching the root zone.  <b>For Control of Specified Borers:</b> Application to trees already heavily infested may not prevent the eventual loss of the trees due to existing pest damage and tree stress.  Apply as a broadcast treatment and incorporate into the soil before planting or apply after plants are established. If application is made to established plants, irrigate thoroughly after application.

<sup>1</sup> No Soil-Injection Applications Allowed in Nassau or Suffolk Counties of New York.

APPLICATIONS For use only on residential areas.			
CROP	PEST	RATE	INSTRUCTIONS
<b>POME FRUIT:</b> Apple, Crabapple, Loquat, Mayhaw, Pear, Pear (Oriental), Quince	Aphids (except Woolly apple aphid) Leafhoppers (including glassy-winged sharp-shooter) Leafminer Mealybugs <sup>2</sup> San Jose Scale <sup>2</sup>	1.6 oz. (1 packet) per 300 gals. of water (2.1 oz. per acre <sup>1</sup> )	Apply specified dosage as foliar spray as needed after petal fall is complete.  For control of rosy apple aphid, apply prior to leafrolling caused by the pest.  For first generation leafminer control, make first application as soon as petal fall is complete. Greatest control will result from the earliest possible application. For second and succeeding generations, best control is obtained from applications made early in the adult flight against egg and early instar larvae. A second application may be required 10 days later if severe pressure continues or if generations are overlapping. A single application may result in suppression only. QUALI-PRO IMIDACLOPRID 75 WSB will not control late-stage larvae.  For San Jose Scale, time applications to the crawler stages. Treat each generation.  For late-season (preharvest) control of leafhopper species, apply QUALI-PRO IMIDACLOPRID 75 WSB while most leafhoppers are in the nymphal stage.  For optimal control of mealybug, ensure good spray coverage of the trunk and scaffolding limbs or other resting sites.  Do not apply more than 2.1 ounces per acre in a single application. Do not make more than 5 applications. Allow 10 or more days between applications. Allow at least 7 days between last application and harvest.
Pecan <sup>3</sup>	Yellow pecan aphid Black margined aphid Pecan leaf phylloxera Pecan spittlebug Pecan stem phylloxera	1.6 oz. (1 packet) per 300 gals. of water (2.1 oz. per acre <sup>1</sup> )	Make foliar applications as pests begin to build before populations become extreme. Two applications at a 10 to 14 day interval may be required to achieve control. Scout and retreat if needed.  Thorough uniform coverage of foliage is necessary for optimal control. Addition of an organosilicone-based spray adjuvant at a rate not to exceed the adjuvant manufacturer's recommended use rate may improve coverage.  Do not apply more than a total of 6.3 ounces of QUALI-PRO IMIDACLOPRID 75 WSB per acre per year. Do not make more than 3 applications. Allow 10 or more days between applications.

<sup>1</sup> The amount of QUALI-PRO IMIDACLOPRID 75 WSB required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees.

<sup>2</sup> Not for use in California for control on pears.

<sup>3</sup> Use on pecans not permitted in California unless directed by specific supplemental labeling.

APPLICATIONS For use only in industrial and commercial buildings and on residential areas.			
CROP	PEST	RATE	INSTRUCTIONS
Grapes	Leafhoppers (including glassy-winged sharp-shooter) Mealybugs	1.6 oz. (1 packet) per 300 gal. of water (1.0 oz. per acre)	Apply specified dosage as a foliar spray using 200 gallons of water per acre. Do not apply more than a total of 2.0 ounces of QUALI-PRO IMIDACLOPRID 75 WSB per acre per year. Allow at least 14 days between applications. Applications may be applied up to and including day of harvest.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Do not store below freezing (32°F). Exposure to moisture or excessive handling of water-soluble packets may cause breakage. Store water-soluble packets in original container and out of reach of children, preferably in a locked storage area.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site (in the treatment area) or at an approved waste disposal facility.

**CONTAINER DISPOSAL: Nonrefillable Container (flexible-bag-all weights):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Then dispose of empty bag in sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable Container (rigid-fifty lbs. or less):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Handle and open container carefully. Do not cut water-soluble packets when opening. If container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to **PRECAUTIONARY STATEMENTS** on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away.

#### 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.

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**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.

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