

## **TREES, SHRUBS, EVERGREENS ETC. - ADELGIDS, APHIDS ETC.**

### General Information

TURFGRASS (INCLUDING SOD FARMS, LANDSCAPE ORNAMENTALS, FRUIT AND NUT TREES, AND INTERIOR PLANTSCAPES)

Mixing: Inside each foil pouch is a clear, inner, water-soluble packet containing the QUALI-PRO IMIDACLOPRID 75 WSB. Do not allow packets to become wet prior to adding to the spray tank. Do not handle the clear, inner packets with wet hands or wet gloves. Rough handling may cause breakage. Reseal outer carton to protect remaining packets.

To prepare the spray mixture, remove the outer foil pouch and drop the required number of unopened, clear water soluble packets, as determined under Applications, into the spray tank while filling with water to the desired level. Operate the agitator while mixing. Depending on water temperature and amount of agitation, the packets should completely dissolve within a few minutes after they are added to the water. Allow longer time for the clear packet to dissolve when using cooler water.

Do not use QUALI-PRO IMIDACLOPRID 75 WSB packets in a tank-mix with products that contain Boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic which is not soluble in water or solvents such as diesel oils, kerosene, gasoline or alcohol. Do not attempt to use the packets directly in diesel oils or summer spray type oils as in ULV or LV uses. PVA packets are water soluble not oil soluble. Use of chlorinated water is acceptable.

QUALI-PRO IMIDACLOPRID 75 WSB has been found to be compatible with commonly used fungicides, miticides, liquid fertilizers, and other commonly used insecticides. Check physical compatibility using the correct proportion of products in a small jar test if local experience is unavailable.

### Restrictions

Do not apply through any irrigation system.

Do not graze treated areas or use clippings from treated areas for feed or forage.

Avoid runoff or puddling of irrigation water following application. Keep children and pets off treated area until dry. Do not apply QUALI-PRO IMIDACLOPRID 75 WSB to areas which are water logged or saturated, or frozen, which will not allow penetration into the root zone of the plant. Do not apply more than 8.6 oz. (0.4 lb of active ingredient) per acre per year.

Treated areas may be replanted with any crop specified on an imidacloprid label, or with any crop for which a tolerance exists for the active ingredient.

For crops not listed on an imidacloprid label, or for crops for which no tolerances for the active ingredient have been established, a 12- month plant-back interval should be observed.

Not for use in commercial greenhouses, nurseries, or on grasses grown for seed, or on commercial fruit and nut trees.

## TURFGRASS

QUALI-PRO IMIDACLOPRID 75 WSB can be used as directed on turfgrass in sites such as home lawns, business and office complexes, shopping centers, residential complexes, golf courses, airports, cemeteries, parks, playgrounds, athletic fields and sod farms to control soil inhabiting pests as listed.

Effective control can be achieved when applications are made before or during the egg laying period. The timing of applications can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. For best control, apply prior to egg hatch of the target pests followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

Irrigation or rainfall must occur within 24 hours after application to move the active ingredient through the thatch. Do not make applications when turfgrass areas are waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist. The area to be treated must be able to accept vertical penetration of rainfall or irrigation water. Avoid mowing turf or lawn area until after sufficient irrigation or rainfall has occurred so that uniformity of application will not be affected.

## Application Instructions

Apply QUALI-PRO IMIDACLOPRID 75 WSB in sufficient water to provide adequate

distribution in the treated area. The use of accurately calibrated equipment normally used for the application of turfgrass insecticides is required. Use equipment which will produce a uniform, coarse-droplet spray, using a low pressure setting to eliminate off target drift. Check calibration periodically to ensure that equipment is working properly.

## 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.

## Limitations, Restrictions, and Exceptions

Trees, Shrubs, Evergreens, Flowers, Foliage Plants, Ground Covers, and Interior Plantscapes

For use only in industrial and commercial buildings and on residential areas.

Foliar Applications: Start treatments prior to establishment of high pest populations and reapply on an as needed basis.

## Method

[Foliar spray](#)

## Rates

[field rates 0](#)

[field rates 1](#)

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## Restricted Entry Interval

12 hours

## Timings

[Prior to establishment of high pest populations.](#)