For foliar and systemic insect control in turfgrass (including sod farms), landscape ornamentals, fruit and nut trees and interior plantscapes.

ACTIVE INGREDIENT:
Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine……………………………………… 75.0%
OTHER INGREDIENTS:…………………………………………………………………………………………………………………………………… 25.0%
TOTAL:……………………………………………………………………………………………………………………………………………………………… 100.0%

USER SAFETY RECOMMENDATIONS
User should:
1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. 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.

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 reach of children, preferably in a locked storage area.

CONTAINER DISPOSAL: Empty each container according to its instructions for disposal. After emptying, thoroughly wash the container with soap and water, and then dispose of in the WPS.

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

KEEP OUT OF REACH OF CHILDREN.

CAUTION
See additional precautionary statements and directions for use inside booklet.

STOP - Read the label before use.

Keep water soluble packets in this container and store in a cool dry place but not below freezing (32 F)

EPA Reg. No. 42750-117-74779     EPA Est. No. 65387-AR-001

Do not remove packets from container except for immediate use.

PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada amplia-
mente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

ENVIRONMENTAL HAZARDS
This product is highly toxic to 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. Do not contaminate water when disposing of equipment washwater.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are per-
meable, particularly where the water table is shallow, may result in groundwater contamination.

Do not formulate this product into other end-use products.

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

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 195.

This Standard contains requirements for the protection of agricultural work-
ers on farms, forests, nurseries, and greenhouses, and handlers of agricul-
tural pesticides. It contains requirements for training, decontamination,
notification, and emergency assistance. It also contains specific instruc-
tions 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.

Exception: If the product is applied by drenching, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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:
1. Coveralls
2. Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton.
3. Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS
The requirements in this box apply to uses of this product that are NOT with-in the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep children and pets off treated area until dry.
**APPLICATION TO TURFGRASS**

Xytect™ 75WSP Insecticide will control the following soil inhabiting pests found in turfgrass:

<table>
<thead>
<tr>
<th>PEST</th>
<th>SCIENTIFIC NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern &amp; Southern masked chafers</td>
<td>Cymatodatra borealis, C. maculificata, and/or C. lunda</td>
</tr>
<tr>
<td>Asatic garden beetle</td>
<td>Maladera castanea</td>
</tr>
<tr>
<td>European chafer</td>
<td>Rhizotrogus majalis</td>
</tr>
<tr>
<td>Green June beetle</td>
<td>Cotinis nitida</td>
</tr>
<tr>
<td>May or June beetle</td>
<td>Phyllophaga sp.</td>
</tr>
<tr>
<td>Japanese beetle</td>
<td>Popillia japonica</td>
</tr>
<tr>
<td>Oriental beetle</td>
<td>Anomala orientalis</td>
</tr>
<tr>
<td>Billbugs</td>
<td>Sphenophorus spp.</td>
</tr>
<tr>
<td>Annual Bluegrass weevil</td>
<td>Hypothenemus spp.</td>
</tr>
<tr>
<td>Black turfsgrass ataxus</td>
<td>Ataenius spinulatus and A. aequidens spp.</td>
</tr>
<tr>
<td>European Crane Fly</td>
<td>Tipula paludosa</td>
</tr>
<tr>
<td>Mole crickets</td>
<td>Scapteriscus spp.</td>
</tr>
</tbody>
</table>

Xytect™ 75WSP Insecticide will suppress cutworms and chinch bugs.

**Application Techniques:**

**USE ON TURFGRASS**


Xytect™ 75WSP Insecticide has adequate residual activity that applications can be made preceding the egg laying activity of the target pests. Best control is achieved when applications are made prior to egg hatch of the pests.

Sufficient irrigation or rainfall is required to move the active ingredient through the thatch.

Avoid application when infested turfgrass areas are waterlogged or soilborne turf is saturated with water. These conditions prevent thorough and consistent distribution.

Best results are achieved when rainfall or irrigation after application will penetrate vertically in the soil column carrying the active ingredient into the zone where insects are normally located.

Do not exceed a total of 8.6 ounces (0.4 lb of active ingredient) per acre per year.

**APPLICATION EQUIPMENT FOR USE ON TURFGRASS**

Xytect™ 75WSP Insecticide should be diluted with enough water to provide adequate volume to promote thorough distribution into the past zone. Use only accurately calibrated equipment for application to turfgrass. Apply a uniform, coarse-drip spray, using a low pressure setting to eliminate off target drift. Calibration should be performed on a regular basis to ensure that equipment is distributing product properly.

**APPICATION TO SHRUBS**

Use Site: **TREES**, **SHRUBS**, **FLOWERS**, **FLOWER PLANTS**, **GROUNDCOVERS** and **INTERIOR PLANTSCAPES**

**Use Site:** **TREES**, **SHRUBS**, **FLOWERS**, **FLOWER PLANTS**, **GROUNDCOVERS** and **INTERIOR PLANTSCAPES**

**Use Site:** **TURFGRASS**

To control Larvae of:

**RATES**

- European Cranefly
- Annual Bluegrass weevil
- Green June beetle
- Asatic garden beetle
- Japanese beetle
- Billbug
- Northern masked chafer
- Black turfsgrass ataxus
- Oriental beetle
- Cutworms (suppression)
- Phyllophaga spp.
- European chafer
- Southern masked chafer
- For chinch bugs (suppression) and mole crickets apply 1.6 ounces (1 packet) per 8,250 sq ft. For suppression of chinch bugs and mole crickets make application before the hatching of the first nymph stage.
- For control of mole crickets make application before or during the peak egg hatch period. If adults or large nymphs are actively tunneling, Xytect™ 75WSP Insecticide application should be combined with a curative insecticide. Follow label instructions for other insecticides when tank-mixing.
- Do not apply more than 8.6 ounces (0.4 lb of active ingredient) per acre per year.
- Avoid mowing turf or lawn area, until after adequate irrigation or rainfall has occurred.
- Applications may be applied up to and including 14 days after application.
- Do not apply more than a total of 6.3 ounces of Xytect™ 75WSP Insecticide per acre per year.
- Do not make more than 3 applications.
- Allow 10 or more days between applications.
- The amount of Xytect™ 75WSP Insecticide required per acre depends on tree size and/or volume of foliage. The rate per acre is based on a standard of 400 gallons of diluted spray solution per acre for large trees with full foliage.
- Applications may be applied up to and including day of harvest.

Notes and Restrictions for residential Grapes:

Use site: **PECAN**

(Only in and around residential area)

(Use on pecans not permitted in California unless directed by specific supplemental labeling)

<table>
<thead>
<tr>
<th>PEST</th>
<th>RATE</th>
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<tbody>
<tr>
<td>Yellow pecan aphid</td>
<td>Apply 1.6 ounces (1 packet) per 300 gallons of water</td>
</tr>
<tr>
<td>Pecan spittlebug</td>
<td>OR</td>
</tr>
<tr>
<td>Black margin aphid</td>
<td>2.1 ounces per acre ²</td>
</tr>
<tr>
<td>Pecan stem phylloxera</td>
<td></td>
</tr>
<tr>
<td>Pecan leaf phylloxera</td>
<td></td>
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</tbody>
</table>

Notes and Restrictions for residential Pecan Trees:

- Do not apply more than a total of 6.3 ounces of Xytect™ 75WSP Insecticide per acre per year.
- Do not make more than 3 applications.
- Allow 10 or more days between applications.

Notes and Restrictions for residential Turfgrass:

- Do not apply more than a total of 2.0 ounces of Xytect™ 75WSP Insecticide per acre per year.
- Allow at least 14 days between applications.

Notes and Restrictions for residential FLOWERS and GROUNDCOVERS:

- Do not apply more than a total of 2.0 ounces of Xytect™ 75WSP Insecticide per acre per year.
- No Soil Injection Applications Allowed in Nassau or Suffolk Counties of New York.

Notes and Restrictions for residential Trees:

- Do not apply more than a total of 6.3 ounces of Xytect™ 75WSP Insecticide per acre per year.
- Do not make more than 3 applications.
- Allow 10 or more days between applications.

Notes and Restrictions for residential Shrub:

- Do not apply more than a total of 6.3 ounces of Xytect™ 75WSP Insecticide per acre per year.
- Do not make more than 3 applications.
- Allow 10 or more days between applications.

Notes and Restrictions for residential Shrubs:

- Do not apply more than a total of 6.3 ounces of Xytect™ 75WSP Insecticide per acre per year.
- Do not make more than 3 applications.
- Allow 10 or more days between applications.

Notes and Restrictions for residential Trees:

- Do not apply more than a total of 6.3 ounces of Xytect™ 75WSP Insecticide per acre per year.
- Do not make more than 3 applications.
- Allow 10 or more days between applications.

Notes and Restrictions for residential FLOWERS and GROUNDCOVERS:

- Do not apply more than a total of 2.0 ounces of Xytect™ 75WSP Insecticide per acre per year.
- No Soil Injection Applications Allowed in Nassau or Suffolk Counties of New York.

Notes and Restrictions for residential Turfgrass:

- Do not apply more than a total of 2.0 ounces of Xytect™ 75WSP Insecticide per acre per year.
- No Soil Injection Applications Allowed in Nassau or Suffolk Counties of New York.
**APPLICATION TO ORNAMENTALS**

Xytect™ 75WSP Insecticide can be applied to ornamental plants in commercial and residential landscapes and interior plantings. Xytect™ 75WSP Insecticide is a systemic insecticide that is transported within the plant system from the roots to upper foliage. Xytect™ 75WSP Insecticide must be applied into a growing area of the plant that allows absorption of the active ingredient. Adding soluble nitrogen type fertilizers to the spray solution when appropriate can promote the uptake of the active ingredient.

Application can be made by foliar application or soil application, including soil injection, drenches, and broadcast sprays. Foliar applications offer locally systemic activity against insect pests.

The systemic translocation of active ingredient will be slower when applied to woody plants with soil applications. This delay can take 60 days or longer depending on species and size of plant. To offset this, make applications before anticipated pest infestation.

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

**ANT MANAGEMENT PROGRAMS**

Use Xytect™ 75WSP Insecticide to control aphids, scale insects, mealybugs, and other sucking pests on ornamentals with ant populations because it removes honeydew as a food source. To enhance control of ants, supplement with residual sprays, bait placements or other ant control tactics.

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

**APPLICATION EQUIPMENT FOR FOLIAR APPLICATIONS**

Xytect™ 75WSP Insecticide mixes readily with water and may be used in many types of application equipment. Add a commercial spreader/sticker to promote coverage on hard to wet foliage such as holly, pine, or ivy.

Xytect™ 75WSP Insecticide is compatible with many commonly used fungicides, miticides, liquid fertilizers, and other insecticides. If applicator has no prior experience with a particular tank mix, physical compatibility should be checked by making a small clear jar test using correct proportions of products to be tank mixed.

**RESTRICTIONS**

- 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.
- Avoid application of Xytect™ 75WSP Insecticide to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant.
- Do not apply more than 8.6 ounces (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.

**CONDITIONS OF SALE AND WARRANTY**

The DIRECTIONS FOR USE of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with 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 Rainbow Treecare Scientific Advancements, its Supplemental Distributors, or the Seller. All such risks shall be assumed by the Buyer.

Rainbow Treecare Scientific Advancements, its Supplemental Distributors and the Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. NEITHER RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS NOR ITS SUPPLEMENTAL DISTRIBUTORS MAKE ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS.

BUYER’S EXCLUSIVE REMEDY AND THE EXCLUSIVE LIABILITY OF RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS, ITS SUPPLEMENTAL DISTRIBUTORS AND THE SELLER FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER’S OPTION, TO REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. When Buyer suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), Buyer must promptly notify Seller in writing of any claims to be eligible to receive either remedy stated above. IN NO CASE SHALL RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS, ITS SUPPLEMENTAL DISTRIBUTORS, OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS, its Supplemental Distributors, and the Seller offer this product, and the Buyer accepts it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS.

No employee or agent of Rainbow Treecare Scientific Advancements, its Supplemental Distributor, or the Seller is authorized to vary or exceed the terms of this Warranty in any other manner.

<table>
<thead>
<tr>
<th>PEST</th>
<th>RATE</th>
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</thead>
<tbody>
<tr>
<td>Aphids (except Wooly apple aphid)</td>
<td>Apply 1.6 ounces (1 packet) per 300 gallons of water OR 2.1 ounces per acre (^1)</td>
</tr>
<tr>
<td>Leafhoppers (including glassy-winged sharpshooter)</td>
<td></td>
</tr>
<tr>
<td>Leafminer</td>
<td></td>
</tr>
<tr>
<td>Mealybug*</td>
<td></td>
</tr>
<tr>
<td>San Jose Scale*</td>
<td></td>
</tr>
</tbody>
</table>

Notes and Restrictions for residential Pome Fruits:
- Apply specified dosage as foliar spray as needed after petal-fall is complete.
- For control of rose 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 leafminer control will result from the earliest possible application. For second and succeeding generations of leafminer, optimal 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. Xytect™ 75WSP Insecticide will not control late stage larvae.
- For San Jose Scale, time applications to the craw/tar stage. Treat each generation.
- For late season (preharvest) control of leafhopper species, apply Xytect™ 75WSP Insecticide while most leafhoppers are in the nymphal stage.
- For optimal control of mealybug, rinse good spray coverage of the trunk and scaffolding limbs or other resting sites of the mealybug.
- 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.
- Not for use in California for control on pears.

\(^1\) The amount of Xytect™ 75WSP Insecticide required per acre depends on tree size and/or volume of foliage. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees with full foliage.