

Xytect™ 75WSP

Insecticide

For foliar and systemic insect control in turfgrass (including sod farms), landscape ornamentals, listed 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%

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-002

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 ampliamente.

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

©2011 Rainbow Treecare Scientific Advancements
Xytect is a trademark of Rainbow Treecare Scientific Advancements

CONTAINS **4 packets**
EACH CONTAINING **1.6 oz**
NET CONTENTS **6.4 oz**

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

STOP -
Read the label before use.



Distributed By:
Rainbow Treecare Scientific Advancements
11571 K-Tel Drive
Minnetonka, MN 55343
1-877-272-6747
www.treecarescience.com

PULL HERE TO OPEN

PF-25792-1

PROOF THIS PROOF IS TO BE CHECKED FOR ACCURACY

Please review and approve **Text, Spelling, Copy Placement, Size, Shape, Colors, Unwind, and Dieline.**

Authorized signature accepts responsibility for accuracy of all copy, color break and artwork. Cimarron Label is not liable for any discrepancies subsequently identified.

PLEASE NOTE: Due to color variance between printers/monitors, the colors represented by this proof cannot be deemed accurate. Please refer to a color matching system such as the Pantone Matching System for a truer representation of spot colors. **THIS PROOF IS NOT ACCURATE FOR COLOR-MATCH.**

WE CANNOT PROCESS THIS ORDER WITHOUT AN AUTHORIZED SIGNATURE

ARTWORK IS APPROVED

REVISED PROOF NEEDED

Signed _____

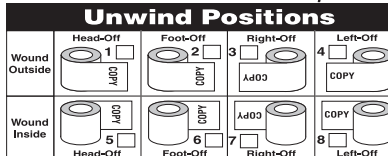
Date _____

Please Return To: _____



4201 North Westport Avenue, Sioux Falls, South Dakota 57107
Phone: (605) 978-0451 • Fax: (605) 978-0463

Please indicate the correct unwind position



PROOF DATE: 1/5/11

CUSTOMER: RAINBOW TREECARE

JOB NUMBER: 49957

LABEL SIZE: 3.75" x 5.25"

LEAFLET FLAT SIZE: 3.75" x 35.5"

LEAFLET FOLDED SIZE: 3.75" x 4.5"

LABEL COLORS: BLACK VARNISH

LEAFLET "IN" COLORS: BLACK

LEAFLET "OUT" COLORS: BLACK CYAN

MAGENTA YELLOW

dieline does not print

FIRST AID

IF SWALLOWED

- 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

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15 to 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.

In case of emergency call CHEMTREC toll free at
1-800-424-9300. Have a product
 container or label with you when calling a poison control
 center or doctor, or going for treatment.

Note to Physician: No specific antidote is available. Treat the patient symptomatically.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children or pets off treated area until spray is dry.

Applicators and Other Handlers Must Wear:

1. Long-sleeved shirt and long pants
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

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment, PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENTS:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users 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.

E
 This pro
 apply di
 present
 mark. D
 ment w:
 This pro
 ment or
 this pro
 bees are
 demons
 with che
 chemica
 where th
 contam

**RESTRI
 end-use**

ST

Do no
 dispos:

PESTI
 such a
 other
 origin
 ably ir
 Handl
 spillag
 any re
 pile. F
 ards a
 walk t
 direct
 rized ;
 424-9
 assist

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 washwaters.

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 permeable, particularly where the water table is shallow, may result in groundwater contamination.

RESTRICTION: Do not formulate this product into other end-use products

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.

Handle and open container in a manner as to prevent spillage. If the 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 below. In spill or leak incidents, keep unauthorized people away. You may contact Chemtrec at 800-424-9300 for decontamination procedures or any other assistance that may be necessary.

STORAGE AND DISPOSAL (Continued)

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: For product packaged in plastic container: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. 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.

CONTAINER DISPOSAL: For product packaged in water-soluble packaging: Completely empty bag into application equipment. Then dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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.

AGR

Use this with the This Star agricult. greenho contains notifiac specific statemei equipme require that are Do not e during tl Exceptio Worker I allows w contact PPE requi mitted u involves such as j

1. Cover
2. Chem mater rubber polyv
3. Shoes

**SAL
inued)**
ie use of

in plas-
se or
). Triple
tying.
ents
ain for
con-
seconds.
tank or
0 sec-
roce-

in
into
tary
and local
cke.

a manner

t workers
nly pro-
tion. For
onsult the

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.

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 within 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.

PEST

Northern
Asiatic g
European
Green Ju
May or J
Japanese
Oriental
Billbugs
Annual k
Black tur
European
Mole cric

Xytect™

**Xytect™
grass in 1**
office com
tial comple
Playgroun
Xytect™ 7
that applic
activity of
applicator
when rainf
tically in th
the zone v
move the
rainfall do

E

this
Worker
(40 CFR
is used
s, nurs-
ry.

APPLICATION TO TURFGRASS

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

PEST	SCIENTIFIC NAME
Northern & Southern masked chafers	Cyclocephala borealis, C. immaculata, and/or C. lurida
Asiatic garden beetle	Maladera castanea
European chafer	Rhizotrogus majalis
Green June beetle	Cotinis nitida
May or June beetle	Phyllophaga spp.
Japanese beetle	Popillia japonica
Oriental beetle	Anomala orientalis
Billbugs	Spherophorus spp.
Annual bluegrass weevil	Hyperodes spp.
Black turfgrass ataeenius	Ataenius spretulus and Aphodius spp.
European Crane Fly	Tipula paludosa
Mole crickets	Scapteriscus spp.

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

Xytect™ 75WSP Insecticide can be applied on turfgrass in the following sites: Home lawns, Business and office complexes, Shopping complexes, Multi-family residential complexes, Golf courses, Airports, Cemeteries, Parks, Playgrounds, Athletic fields, Sod farms*.

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 and 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. In order to move the active ingredient through the thatch, irrigate if rainfall does not occur within 24 hours after application.

APPLICATION EQUIPMENT FOR USE ON TURFGRASS

Dilute Xytect™ 75WSP Insecticide with enough water to provide adequate volume to promote thorough distribution into the pest zone. Use only accurately calibrated equipment for application to turfgrass. Apply a uniform, coarse droplet spray, using a low pressure setting to eliminate off target drift. Perform calibration on a regular basis to ensure that equipment is distributing product properly.

Apply 1.
Make ap
annual b
mize cor
For chin
ounces (4
chinchbu
first inst
For cont
during th
nymphs
Xytect™
Follow li
tank-mix
Consult
Station,
specific I

Apply 1.6 ounces (1 packet per 8,250 to 11,000 sq ft). Make application prior to egg hatch of grubs, billbugs, annual bluegrass weevil, and European Crane Fly to maximize control.

For chinch bugs (suppression) and mole crickets apply 1.6 ounces (1 packet) per 8,250 sq. ft. For suppression of chinchbugs, make application before the hatching of the first instar nymphs.

For control of mole crickets make application before or during the peak egg hatch period. If adults or large nymphs are actively tunneling, combine applications of Xytect™ 75WSP Insecticide with a remedial insecticide. Follow label instructions for other insecticides when tank-mixing.

Consult your local turf, state Agricultural Experiment Station, or State Extension Service Specialists for more specific information regarding timing of application.

GRASS

ter to pro-
ution into
ment for
oplet spray,
drift. Per-
quipment is

RESTRICTIONS FOR TURF GRASS:

- Do not exceed a total of 8.6 ounces application (0.4 lb of active ingredient) per acre per year.
- Do not mow turf or lawn area, until after adequate irrigation or rainfall has occurred.
- Do not apply when infested turfgrass areas are waterlogged or soil beneath turf is saturated with water.
- *Use not permitted in Arizona unless otherwise directed by supplemental labeling.

Xytect™ 7:
plants in cc
plantscape
cide that is
to upper fr
into a grov
active ingn
spray solut
active ingn

Application
including sc
cations offe

The system
applied to
60 days or
set this, ma

RESTRICTI
exceed a t
per year.

ANT MA
Using Xyte
insects, me
reduce ant
source. To
sprays, bai

APPLICA
FOLIAR.
Xytect™ 7:
used in ma
spreader/s
such as hol

APPLICATION TO ORNAMENTALS

XytectTM 75WSP Insecticide can be applied to ornamental plants in commercial and residential landscapes and interior plantscapes. XytectTM 75WSP Insecticide is a systemic insecticide that is transported within the plant system from the roots to upper foliage. XytectTM 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 applications; including soil injection, drenches, and broadcast sprays. Foliar applications offer locally systemic activity against listed 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.

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

ANT MANAGEMENT PROGRAMS

Using XytectTM 75WSP Insecticide to control aphids, scale insects, mealybugs and other sucking pests on ornamentals will reduce 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.

APPLICATION EQUIPMENT FOR FOLIAR APPLICATIONS

XytectTM 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.

XytectTM 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; check physical compatibility by making a small clear jar test using correct proportions of products to be tank mixed.

RESTRICTIONS

- Keep children and pets off treated area until dry.
- Do not apply more than 8.6 ounces (0.4 lb of active ingredient) per acre per year.
- Not for use in commercial greenhouses, nurseries, or on grasses grown for seed, or on commercial fruit and nut trees.
- Do not graze treated areas or use clippings from treated areas for feed or forage.
- Do not apply through any irrigation system
- Do not allow puddling of irrigation water following application.
- Do not apply XytectTM 75WSP Insecticide to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant.
- 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 must be observed.

**FOR
&**

(Only

PEST

 Adel
Aphi
Honi
Dipt
mic
Frog
Galls
Japa
Lace
Leaf
lea
Leaf
sh
Leaf
Meal
To con
beetle
 Make br
enough
use less
irrigate t
cide into

FOR FOLIAR APPLICATION TO ORNAMENTAL AND NON-BEARING FRUIT & NUT TREES, SHRUBS, EVERGREENS, FLOWERS, FOLIAGE PLANTS, GROUNDCOVERS AND INTERIOR PLANTSCAPES

(Only for Industrial, Commercial Buildings, Residential and Landscaped Areas)

PEST	RATE
<p>Adelgids Aphids Honeylocust Plant Bug Diptera (Including Rhododendron gall midge, Honeylocust pod gall midge) Froghoppers Galls (Including Hickory stem gall) Japanese beetles Lace bugs Leaf beetles (Including elm and viburnum leaf beetles) Leafhoppers (Including glassy-winged sharpshooter) Leafminers (Including Boxwood leafminer) Mealybugs</p>	<p>Apply 1.6 ounces (1 packet) of Xytect™ 75WSP Insecticide per 300 gallons of water. Make foliar applications before high pest populations become established. Reapply on an as needed basis.</p>
<p>Planthoppers Psyllids Sawfly larvae Scales (Including Lecanium, Azalea bark, Calico, Cottony Camellia, Cottony maple, Cottony taxus) Spittlebugs Thrips (suppression) (Including Flower, Pear and Pine thrips) Treehoppers Weevils (Including white Pine and Black vine) Whiteflies</p>	
<p>To control White grub larvae, (such as Japanese beetle larvae, Chafer, Phyllophaga spp., Asiatic garden beetle, Oriental beetle) apply 1.6 ounces (1 packet) per 8,250 to 11,000 sq ft.</p>	

Make broadcast applications by mixing specified rate in enough water to uniformly cover the treated area. Do not use less than 2 gallons of water per 1000 sq ft. If necessary, irrigate thoroughly to incorporate Xytect™ 75WSP Insecticide into the upper soil profile.

Refer to use directions specific for FLOWERS and GROUND-COVERS concerning additional use directions.

RESTRICTION: Do not apply more than 8.6 ounces (0.4 lb of active ingredient) per acre per year.

FOI

(Only
(Incluc

PEST

Adelgi
Aphidi
Armor
Black v
Eucaly
Flathe
bore
Japan
Lace b
Leaf b
Leafh
Leafmi
Mealyf
Pine ti
Plant t
Psyllid
Round
Royal l
Sawfly
Soft sc
Thrips
White
Whitef

FRUIT
TS,**FOR SOIL APPLICATION TO ORNAMENTAL AND NON-BEARING FRUIT
& NUT TREES, SHRUBS, FLOWERS AND GROUNDCOVERS**

(Only For Industrial, Commercial Buildings, Residential, and Landscaped Planting Areas)
(Including State, National, and Private Wooded and Forested Areas)

PEST	RATE
Adelgids Aphids Armored scales (suppression) Black vine weevil larvae Eucalyptus longhorned borer Flatheaded borers (including bronze, alder and emerald ash borers) Japanese beetles Lace bugs Leaf beetles (including elm and viburnum leaf beetles) Leafhoppers (including glassywinged sharpshooter) Leafminers Mealybugs Pine tip moth larvae Plant bug Psyllids Roundheaded borers (including Asian longhorned beetles) Royal Palm Bugs Sawfly larvae Soft scales Thrips (suppression) White grub larvae Whiteflies	<p>For TREES, use the following rates as a function of tree diameter at breast height (DBH): Apply 1.6 ounces (1 packet) of Xytect™ 75WSP Insecticide per 12 to 48 inches of cumulative trunk diameter for tree(s) intended to be treated. You may use the higher rate only for trees greater than 15 DBH to control the following pests: Asian longhorned beetle, Emerald Ash Borer, Eucalyptus longhorned borer, Bronze birch borer, Alder borer.</p> <p>To calculate the higher rates divide the cumulative trunk diameter by 12-23 inches.</p> <p>For SHRUBS, apply 1.6 ounces (1 packet) of Xytect™ 75WSP Insecticide per 24 to 48 foot of cumulative shrub height.</p> <p>For FLOWERS and GROUNDCOVERS, apply 1.6 ounces (1 packet) of Xytect™ 75WSP Insecticide per 8,250 to 11,000 sq ft.</p> <p>RESTRICTION: Do not apply more than 8.53 oz (0.4 lb of active ingredient) per acre per year.</p> <p>Diameter at Breast Height (DBH) = is measured at 4.5 feet from the ground.</p>

acket)
ecti-
f
lica-
popu-
shed.
ied

oriental

ROUND-

(0.4 lb

EXAMPLES OF HOW TO CALCULATE:

To calculate the lower rate:

- If you have three trees having DBH of 8, 10 & 16 inches, the total cumulative inches of trunk diameter will be 34 inches
(8 + 10 + 16 = 34)

$$34/48 = .708 \times 1.6 \text{ oz (1 packet)} = 1.13 \text{ oz}$$

OR

$$34/24 = 1.417 \times 1.6 \text{ oz. (1 packet)} = 2.27 \text{ oz}$$

- If you have a single tree with a DBH of 12 inches, the lower rate range will be:
12/48 = 0.25 x 1.6 oz (1 packet) = 0.4 oz per tree

OR

$$12/24 = 0.5 \times 1.6 \text{ oz (1 packet)} = 0.8 \text{ oz per tree}$$

To calculate the higher rate:

- If you have three trees having DBH of 15, 20 & 25 inches, the total cumulative inches of trunk diameter will be 60 inches
(15 + 20 + 25 = 60)

$$60/23 = 2.6 \times 1.6 \text{ oz (1 packet)} = 4.17 \text{ oz}$$

OR

$$60/12 = 5 \times 1.6 \text{ oz. (1 packet)} = 8 \text{ oz}$$

- If you have a single tree with a DBH of 30 inches, the higher rate range will be:
30/23 = 1.3 x 1.6 oz (1 packet) = 2.08 oz per tree

OR

$$30/12 = 2.5 \times 1.6 \text{ oz (1 packet)} = 4.0 \text{ oz per tree}$$

TREES**Soil Injec**

Mix require amount of tors mix re DBH inch. solution fo Dilution ra tree size ai for injector

GRID SYS

2.5 foot ce

CIRCLE S

spaced ap the drip lir additional

BASAL SY

spaced arc 6 to 12 inc

Soil Dren

Apply in n feet as a d the root zc vent dren removed.

FOR ALL

- Inject an
- Use low distribut
- Maintair
- Applicat listed m

Application Techniques:

TREES

Soil Injection

Mix required dosage in sufficient water to inject an equal amount of solution in each hole. For concentrate injectors mix required dose with up to 1 gallon of water per DBH inch. Maintain a low pressure and use sufficient solution for distribution of the liquid into treatment zone. Dilution rate may vary depending on equipment used, tree size and application rate. Refer to the instructions for injector equipment being used for guidance.

GRID SYSTEM: Make applications in a grid pattern on 2.5 foot centers within the drip line of the tree.

CIRCLE SYSTEM: Make applications in holes evenly spaced approximately 2 – 3 feet apart in a circle within the drip line of the tree. Larger trees may require additional application circles.

BASAL SYSTEM: Make applications into holes evenly spaced around the base of the tree trunk no more than 6 to 12 Inches out from the base.

Soil Drench

Apply 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. Any plastic or other barrier that may prevent drench solution from reaching the root zone must be removed.

FOR ALL APPLICATION TECHNIQUES:

- Inject an equal amount of water and solution in each hole.
- Use low pressure and sufficient solution for thorough distribution into the treatment zone.
- Maintain soil moisture for 7 to 10 days.
- Application to trees already heavily infested with borers listed may not prevent the eventual loss of the trees.

RESTRICTIONS FOR TREES:

- Do not use less than 4 holes per tree.
- No Soil Injection Applications Allowed In Nassau or Suffolk Counties of New York.
- Do not apply more than 8.53 oz (0.4 lb of active ingredient) per acre per year.

SHRUBS

Soil Injection

Apply to individual plants using dosage Indicated.

Soil Drench

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.

- Mix required dosage in sufficient water to inject an equal amount of solution in each hole.
- Use low pressure and sufficient solution for distribution of the liquid into the treatment zone.
- Maintain soil moisture for 7 to 10 days.

RESTRICTIONS FOR SHRUBS:

- Do not use less than 4 holes per shrub.
- No Soil Injection Applications Allowed In Nassau or Suffolk Counties of New York.
- Do not apply more than 8.53 oz (0.4 lb of active ingredient) per acre per year.

FLOWERS and GROUNDCOVERS

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, best control is achieved by irrigating after application.

(For F

PEST

Yellow
Pecan
Black
Pecan
Pecan

Make a se
based spr

RESTRIC

- Do not
- Use on
- Do not
- Allow 1

¹ The amc
and def
on a sta
trees wii
Xytect[™]

PECAN	
(For Residential Areas Only)	
PEST	RATE
Yellow pecan aphid Pecan spittlebug Black margined aphid Pecan stem phylloxera Pecan leaf phylloxera	Apply 1.6 ounces (1 packet) per 300 gallons of water OR 2.1 ounces per acre as a foliar application as pest pressure begins to increase. ¹

Make a second application 10 to 14 days after first if field scouting reveals continued pest pressure. Use of an organosilicone based spray adjuvant at specified rate can insure thorough coverage of foliage.

RESTRICTIONS FOR RESIDENTIAL PECAN TREES:

- Do not apply more than a total of 6.3 ounces of Xytect™ 75WSP Insecticide per acre per year.
- Use on pecans not permitted in California unless directed by specific supplemental labeling.
- Do not make more than 3 applications per year.
- Allow 10 or more days between applications.

¹ The amount of Xytect™ 75WSP Insecticide required per acre may vary and depends on tree size or volume of foliage. The rates given are based on a standard of 400 gallons of dilute spray solutions per acre for large trees with full foliage. DO NOT apply more than 6.3 fluid ounces of Xytect™ 75WSP Insecticide per acre per year.

(For U

PEST

Leafh
Mealy**RESTRIC**

- Do not 75WSP
- Allow ;
- Applic of harv

GRAPES	
(For Use Only For Industrial, Commercial Buildings and Residential Planting Areas)	
PEST	RATE
Leafhoppers (including glassy-winged sharpshooter) Mealybugs	Apply 1.6 ounces (1 packet) per 300 gallons of water OR 1.0 ounces per acre as a foliar spray using 200 gallons of water per acre.

RESTRICTIONS FOR RESIDENTIAL GRAPES:

- 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.
- Applications may be applied up to and including day of harvest.

(For R
Includ

PEST

Aphids
Leafh
Leafmi
Mealyt
San Jo:

- For con
rolling c
- For first
tion as s
control v
second .
control i
adult flig
applicat
sure cor
applicat
Insectic
- For San
stage, T
- For late
species,
leafhop
- For opti
coverag
resting :

silicone

POME FRUITS	
(For Residential Areas Only) Includes: Apple, Crabapple, Loquat, Mayhaw, Pear, Pear (oriental), Quince	
PEST	RATE
Aphids (except Woolly apple aphid) Leafhoppers (including glassy-winged sharpshooter) Leafminer Mealybugs* San Jose Scale*	Apply 1.6 ounces (1 packet) per 300 gallons of water OR 2.1 ounces per acre ¹ as foliar spray after petal-fall is complete.

- For control of rosy apple aphid, apply prior to leaf-rolling 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 crawler 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, insure good spray coverage of the trunk and scaffolding limbs or other resting sites of the mealybug.

RESTRICTIONS FOR RESIDENTIAL POME FRUITS:

- Do not apply more than 2.1 ounces per acre in a single application. Do not make more than 4 applications per year.
- 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.

The DIRE opinion of directions lowed can risks inher injury, inef may result presence applicatio BOW TRE plamental CONSISTI be assume Rainbow 1 mental Diu ct confor is reasona tions for L above. TC BLE LAW, ADVANCÉ TORS MA RANTY OI OR OF MI IMPLIED V WITH APF EXTEND 7 RESPONS WHICH RI ANY MAN LABEL DIF TO THE E BUYER'S E

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 must 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND THE EXCLUSIVE LIA-

BILITY 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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.

EPA Reg

©2011 |
Xytect i

ANCE-
THE
M-
OR
OT
ABILITY
THE
OF OR
THE
HCH
ISIS-
losses
this
gence,

e eligi-
E
N NO

TORS,
AL, SPE-
THE
W
plemen-
nd the
ons of
gree-
entative
ENTS.

CIEN-
itor, or
is of this



Distributed By:
 Rainbow Treecare Scientific Advancements
 11571 K-Tel Drive
 Minnetonka, MN 55343
1-877-272-6747
www.treecarescience.com

EPA Reg. No. 42750-117-74779 EPA Est. No. 65387-AR-002

©2011 Rainbow Treecare Scientific Advancements
Xytect is a trademark of Rainbow Treecare Scientific Advancements



For foliar &
sod farms,
and interir

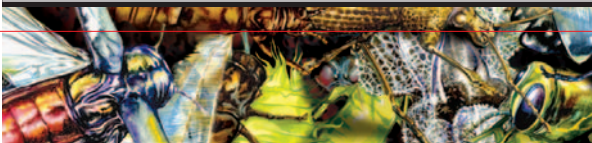
ACTIVE
 Imidac
 nitro-2
OTHER
TOTAL:

Keep water
place but ne
EPA Reg. N

Do not re
PRECAUCI
 este produc
 (TO THE US
 until the lab

AD122910

JOB #4995



CONTAINS **4 packets**
EACH CONTAINING **1.6 oz**
NET CONTENTS **6.4 oz**

XytectTM Insecticide

75WSP

For foliar and systemic insect control in turfgrass (including sod farms), landscape ornamentals, listed 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%

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-002

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

AD122910

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

STOP -

Read the label before use.

