

CLICK HERE TO JUMP TO USE DIRECTIONS



# imidipro®

SYSTEMIC INSECTICIDE

*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 ..... 21.4%

**OTHER INGREDIENTS:** ..... 78.6%  
TOTAL 100.0%

Contains 2 pounds of imidacloprid per gallon.

**SHAKE WELL BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**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.)

*See below for additional Precautionary Statements and First Aid.*



**READ THE ENTIRE LABEL FIRST.  
OBSERVE ALL PRECAUTIONS AND  
FOLLOW DIRECTIONS CAREFULLY.**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. 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. If you want more options, follow the instructions for category A on an EPA chemical-resistant category chart.
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 CONTROL 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**

- 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.

**FIRST AID**

<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>In case of emergency call Rocky Mountain Poison Control Center (877) 800-5556. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p><b>Note to Physician:</b> No specific antidote is available. Treat the patient symptomatically.</p>	

**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.

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

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and 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.

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.

**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 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. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.
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.

## APPLICATION TO TURFGRASS

ImidiPro® Systemic Insecticide will control the following soil inhabiting pests found in turfgrass.

PEST	SCIENTIFIC NAME
Masked chafers, northern & southern	<i>Cyclocephala borealis</i> and <i>C. immaculata-lurida</i>
Asiatic garden beetle	<i>Maladera castanea</i>
European chafer	<i>Rhizotrogus majalis</i>
Green June beetle	<i>Cotinis nitida</i>
May or June beetle	<i>Phyllophaga spp.</i>
Japanese beetle	<i>Popillia japonica</i>
Oriental beetle	<i>Exomala orientalis</i>
Billbugs	<i>Sphenophorus spp.</i>
Annual bluegrass weevil	<i>Hyperodes spp.</i>
Black turfgrass ataeenius Adults and grubs of <i>Aphodius</i>	<i>Ataenius spretulus</i> and <i>Aphodius spp.</i>
European crane fly	<i>Tipula paludosa</i>
Mole crickets	<i>Scapteriscus spp.</i>

ImidiPro Systemic Insecticide will suppress cutworms and chinch bugs.

ImidiPro Systemic Insecticide can be applied on turfgrass in the following sites:

Home lawns  
Business and office complexes  
Shopping complexes  
Multifamily residential complexes  
Golf courses  
Airports  
Cemeteries  
Parks  
Playgrounds  
Athletic fields  
Sod farms

ImidiPro Systemic 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 soil beneath 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 1.6 pints (0.4 lb. of active ingredient) per acre per year.

### APPLICATION EQUIPMENT FOR USE ON TURFGRASS

ImidiPro Systemic Insecticide should be diluted 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. Calibration should be performed on a regular basis to ensure that equipment is distributing product properly.

## APPLICATION TO ORNAMENTALS

ImidiPro Systemic Insecticide can be applied to ornamental plants in commercial and residential landscapes and interior plantscapes. ImidiPro Systemic Insecticide is a systemic insecticide that is transported within the plant system from the roots to upper foliage. ImidiPro Systemic 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 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 1.6 pints (0.4 lb. of active ingredient) per acre per year.

### ANT MANAGEMENT PROGRAMS

Use ImidiPro Systemic 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.

**NOTE:** 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

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

ImidiPro Systemic 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.

Do not apply through any irrigation system

## 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 ImidiPro Systemic 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 1.6 pints (0.4 lb. of active ingredient) per acre per year.
- Treated areas may be replanted with any crop specified on an ImidiPro Systemic Insecticide label, or with any crop for which a tolerance exists for the active ingredient.
- For crops not listed on an ImidiPro Systemic Insecticide label, or for crops for which no tolerances for the active ingredient have been established, a 12-month plant-back interval should be observed.

### Use Site: TURFGRASSES

To control larvae of:  
European crane fly  
Annual bluegrass weevil  
Green June beetle  
Asiatic garden beetle  
Japanese beetle  
Billbug  
Northern masked chafer  
Black turfgrass ataeenius  
Oriental beetle  
Cutworms (suppression)  
*Phyllophaga spp.*  
European chafer  
Southern masked chafer

Apply 1.25 to 1.6 pints per acre (equivalent to 0.46 to 0.6 fl. oz. per 1,000 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 pints per acre (equivalent to 0.6 fl. oz. per 1,000 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, ImidiPro Systemic Insecticide application should be combined with a curative 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.

### Notes and Restrictions for Turfgrass:

- Irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch.
- Do not apply more than 1.6 pints (0.4 lb. of active ingredient) per acre per year.
- Avoid mowing turf or lawn area, until after adequate irrigation or rainfall has occurred.

### Use Site: TREES, SHRUBS, EVERGREENS, FLOWERS, FOLIAGE PLANTS, GROUNDCOVERS AND INTERIOR PLANTSCAPES (Only in and around industrial and commercial buildings and residential areas)

To control:  
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

Apply 1.5 fluid ounces (45 mL) per 100 gal. of water. Make foliar applications before high pest populations become established. Reapply on an as needed basis.

To control white grub larvae (such as Japanese beetle larvae, chafers, *Phyllophaga spp.* Asiatic garden beetle, Oriental beetle): Apply 0.46 to 0.6 fluid ounces (14 to 17 mL) per 1,000 sq. ft.

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 1,000 sq. ft. If necessary, irrigate thoroughly to incorporate ImidiPro Systemic Insecticide into the upper soil profile.

Refer to use directions specific for FLOWERS and GROUNDCOVERS concerning additional use directions.

**Use Site: TREES, SHRUBS, FLOWERS AND GROUNDCOVERS (Only in and around industrial and commercial buildings and residential areas, and state, national, and private wooded and forested areas)**

To control:

Adelgids  
Japanese beetles  
Leaf miners  
Sawfly larvae  
Aphids  
Lace bugs  
Mealybugs  
Soft scales  
Armored scales (suppression)  
Leaf beetles (including elm leaf and viburnum leaf beetles)  
Pine tip moth larvae  
Thrips (suppression)  
Black vine weevil larvae  
Psyllids  
White grub larvae  
Eucalyptus longhorned borer  
Leafhoppers (including glassywinged sharpshooter)  
Royal Palm Bugs  
Whiteflies  
Flatheaded borers (including bronze birch and alder borer)  
Emerald Ash Borer

For TREES, apply 0.1 to 0.2 fl. oz. (3 to 6 mL) per inch of trunk diameter (D.B.H.).

#### Application Technique:

##### Soil Injection

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 1,000 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.

##### Notes and restrictions for trees:

- Use sufficient water to be able to inject an equal amount of 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.
- Do not use less than 4 holes per tree.
- No soil injection applications allowed in Nassau or Suffolk Counties of New York.
- Application to trees already heavily infested with borers listed may not prevent the eventual loss of the trees.

For SHRUBS apply 0.1 to 0.2 fl. oz. (3 to 6 mL) per foot of shrub height.

#### Application Techniques:

##### Soil Injection:

Apply to individual plants using dosage indicated.

##### Soil Drench:

Uniformly apply the dosage in no less than 10 gallons of water per 1,000 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.

##### Notes and restrictions for shrubs:

- 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. Maintain soil moisture for 7 to 10 days.
- Do not use less than 4 holes per shrub.
- No soil injection applications allowed in Nassau or Suffolk Counties of New York.

For FLOWERS and GROUNDCOVERS apply 0.46 to 0.6 fluid ounces (14 to 17 mL) per 1,000 sq. ft.

Apply as a broadcast treatment and incorporate into the soil before piling or apply after plants are established. If application is made to established plants, best control is achieved by irrigating after application.

#### Use site: POME FRUITS: (only in and around residential area)

Includes: Apple, Crabapple, Loquat, Mayhaw, Pear, Pear (oriental), Quince

To control:

Aphids (except Woolly apple aphid)  
Leafhoppers (including glassy-winged sharpshooter)  
Leaf miners  
Mealybugs\*  
San Jose Scale\*

Apply 1.5 fluid ounces (45 mL) per 100 gal. or 6.0 fluid ounces per acre.

##### Notes and restrictions for residential pome fruits:

- 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 leaf miner control, make first application as soon as petal fall is complete. Greatest leaf miner control will result from the earliest possible application. For

second and succeeding generations of leaf miner, 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. ImidiPro Systemic 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 ImidiPro Systemic Insecticide while most leafhoppers are in the nymph stage.
- For optimal control of mealybugs, insure good spray coverage of the trunk and scaffolding limbs or other resting sites of the mealybugs.
- Do not apply more than 6.0 fluid 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.

#### PECAN\* (Only in and around residential area)

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

To control:

Yellow pecan aphid  
Pecan spittlebug  
Black margined aphid  
Pecan stem phylloxera  
Pecan leaf phylloxera

Apply 1.5 fl. oz. (45 ml) per 100 gal. or 6.0 fl. oz./A. Make foliar applications as pest pressure begins to increase. 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 recommended rate can insure thorough coverage of foliage.

##### Notes and restrictions for residential pecan trees:

- Do not apply more than a total of 18.0 fluid ounces of ImidiPro Systemic Insecticide per acre per year.
- Do not make more than 3 applications.
- Allow 10 or more days between applications.
- Application rate 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.

#### GRAPES (For use only in and around industrial and commercial buildings and residential areas)

To control leafhoppers (including glassy-winged sharpshooter) and mealybugs apply 1.5 fl. oz. (45 mL) per 100 gal. or 3.0 fl. oz./A (90 mL/A). Apply label rate as a foliar spray using 200 gallons of water per acre.

##### Notes and restrictions for residential grapes:

- Do not apply more than a total of 6.0 ounces of ImidiPro Systemic Insecticide per acre per year.
- Allow at least 14 days between applications.
- Applications may be applied up to and including day of harvest.

## 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 the Manufacturer, its Supplemental Distributors, or the Seller. All such risks shall be assumed by the Buyer.

The Manufacturer, 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 THE MANUFACTURER 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 THE MANUFACTURER, 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 THE MANUFACTURER, ITS SUPPLEMENTAL DISTRIBUTORS, OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. The Manufacturer, 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 the Manufacturer.

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

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