TURFTHOR WSP

For foliar and systemic control of insect pests of turfgrass, landscape ornamentals, shrubs and trees in lawns, golf courses, landscapes, playgrounds, parks, athletic fields and interior plantscapes.

Active Ingredient: Imidacloprid 75.0% By Wt.
Other Ingredients: 25.0%
TOTAL: 100.0%

Keep water soluble packets in outer container until immediately before use. Store in a cool, dry place but not below freezing (32°F).

EPA Reg. No. 82957-3  EPA Est. 81824-NC-001

STOP – Read the label before use
KEEP OUT OF REACH OF CHILDREN

(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 and understand English, do not use this product until the label has been fully explained to you.)

For product use information call 1-866-FOR-THOR (367-8467) or visit www.for-thor.com.

NET WEIGHT: As marked on container

Manufactured by:
ENSYSTEX III, Inc.
Fayetteville, NC 28303

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FIRST AID

If swallowed
- Call 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 the poison control center or doctor.
- Do not give anything 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.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-(866)-367-8467 for emergency medical treatment information.

NOTE TO PHYSICIAN

No specific antidote is available. Treat the patient symptomatically.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed, inhaled 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 and before eating, drinking, chewing gum or using tobacco. Keep children and pets off treated area until spray is dry.

Personal Protective Equipment: Applicators and other handlers must wear long-sleeved shirt and long pants, chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton and shoes plus socks (PPE). Follow manufacturer's instructions for cleaning and maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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.

Environmental Hazards

This pesticide 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.

The properties and characteristics of this chemical are similar to those of agrochemicals that have been detected in groundwater. Using this chemical in areas where the soil is permeable, and particularly where the water table is shallow (close to the ground surface), may result in contamination of the surrounding groundwater.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Consult your State or Tribe for requirements specific to that jurisdiction.

Do not apply more than 8.5 ounces (0.04 lbs.) of TURFTHOR WSP per acre per year for any type(s) or combination(s) of applications.

Do not apply in greenhouses or nurseries.

Not for use on alfalfa, clover or any grasses grown for commercial seed production.

Do not apply through an irrigation system.
STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.
Peatlford Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool (but not below freezing (32°F)), dry place and avoid excess heat. Handle and open container in a manner so as to prevent spillage. Do not pour concentrate or dilute material into food or drink containers. Preferably store in a locked area.
Exposure to moisture or excessive handling of water soluble packets can cause them to break. Do not store water soluble packets in original containers in a locked area. Do not cut the water soluble packets when opening container.
Peatlford Disposal: Washing results from the use of this product may be disposed of on site or at an approved waste disposal facility.
Container Disposal: Triple links (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 burnt, must be done outside. To avoid any spill: Confine it, avoid contact, isolate areas and keep animals and unprotected persons away. If spill is liquid, form dike around spill area and also absorb spill with absorbent materials such as sand, cat litter or clay. If spill is dry powder only, sweep material up and place in a suitable container. Place diamonds container and identify contents. Contact Envirotech at 1-866-357-8457 or Chinceroce at 1-803-424-9300 for any assistance.

DILUTION AND MIXING OF TURFTHOR WSP
Each TURFTHOR WSP outer container contains a number of clear water soluble packets. Do not allow the packets to become wet at any time before putting them into a spray tank at the time of intended mixing. Handling the packets with wet hands or gloves or in a rough manner can cause them to leak. Reseat the outer container if water soluble packets are left inside after opening.
To mix, open the outer container and remove the required number of unopened packets needed for the gallon amount of solution to be mixed. Drop the required number of packets into the spray tank as it is being filled with water with the agitator operating. The elapsed time until the packets are fully dissolved depends on the degree of agitation and the temperature of the water with more time needed for lower levels of agitation and lower temperatures. Generally, a few minutes is sufficient time for the packets to completely dissolve.
Avoid using TURFTHOR WSP packets in tanks also containing products that contain boron or free chlorine. The packet material may react with the boron or chlorine to form a non-water soluble compound incapable of dissolving into chlorinated water used. This material is not acceptable and will not cause this compound to form or react to occur. Because the packets are soluble in water but not oil, do not attempt to use packets in diesel or summer spray oils.

APPLICATION FOR TURF PESTS
TURFTHOR WSP controls or suppresses a wide range of soil inhabiting turfgrass insect pests. TURFTHOR WSP is not for use on turfgrass grown for sale (root crops), commercial seed production or for research.
Application Sites
Permitted sites include but are not limited to lawns, grounds and landscapes at or around residences including multi-unit, commercial, office and shopping buildings and complexes, recreational areas, playgrounds, athletic fields, golf courses, cemeteries, airports and parks, public and privately owned forests.
Application Timing
The active ingredient in TURFTHOR WSP, imidacloprid, has sufficiently long-lasting residual activity that applications can be made prior to egg laying by the target pest(s). Optimum control of turf pests will be achieved when application is made prior to egg hatch timed by sufficient irrigation or rainfall to move the active ingredient through the thatch and down into the underlying soil. Applications can be timed based on past experiences at the site or in the area, current results of adult monitoring in spring or other methods. If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing.
Post Application Watering and Mowing
Optimum control is achieved if irrigation or rainfall occurs within 24 hours after application. Uniformity of application may be adversely affected if turf is mowed prior to irrigation occurring.
Application Precautions and Preparations
Keep children and pets off treated areas until spray has dried.
Application should not be made to turf that is frozen, waterlogged or is saturated with water. Turf in this condition will not allow the necessary vertical distribution of the active ingredient down into the soil.
TURFTHOR WSP can be mixed with other insecticides, miticides, fungicides and fertilizers. Follow the label directions of all the products mixed, making sure not to exceed the labeled application rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.
Application Equipment and Methods
Apply the indicated amount of TURFTHOR WSP mixed in a volume of water sufficient to adequately distribute the active ingredients to the target area(s). Apply TURFTHOR WSP solution as a spray of uniform, coarse droplets at a pressure low enough to eliminate drift from the target area. Properly calibrated equipment must be used to apply TURFTHOR WSP.
Turf Application Use Rates

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<tr>
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<tr>
<td>ounces (Packets) per 1,000 sq. feet</td>
<td>Use Rate Table for TURFTHOR WSP for Turf Applications</td>
</tr>
<tr>
<td>A</td>
<td>1.6 ounces (1 packet) per 8,250 to 11,000 sq. ft.</td>
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<tr>
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Turf Application Volumes
The calculated amount of TURFTHOR WSP can be applied in any volume of water as long as the maximum label rate is not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such under dosing will not result in an application rate in excess of the maximum label rate.

FOLIAR AND BROADCAST APPLICATION FOR ORNAMENTAL PESTS
TURFTHOR WSP, applied to foliage and broadcast on the soil, controls a wide range of insects (including non-beeting fruit and nut trees), shrubs, evergreens, flowers, ground covers, bedding plants and foliage plants. Permitted sites include but are not limited to landscapes, forests (public and private), ornamental gardens, parks, schools, grounds, golf courses and interior plantscapes at and/or around residences including multi-unit, commercial, office and shopping buildings and complexes, recreational areas, playgrounds, athletic fields, golf courses, cemeteries, airports and parks, public and privately owned forests.
Application Preparation
TURFTHOR WSP can be mixed with other insecticides, miticides, fungicides and fertilizers. Follow the label directions of all the products mixed, making sure not to exceed the labeled application rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.
Foliar Application
Foliar application of TURFTHOR WSP offers local systemic activity against insect pests. Applications to plants with hard to wet foliage such as holly, pine or ivy should be applied in combination with a wetting agent. Ornamental Application to Control Ants
TURFTHOR WSP can be used to indirectly control ants when applied to control aphids, scale insects, mealybugs and other sucking insects on ornamental trees limiting the amount of honeydew available.
Foliar Application Volumes and Application Methods
Establish quantity of water necessary to uniformly wet foliage. Mix required amount of TURFTHOR WSP (from the table below) in that quantity of water. Begin treatments prior to establishment of high pest populations. Permitted Sites Controlled by Foliar Application
Adego, AcroGard, Japanese beetles, Lace bugs, Leaf beetles (including elm and viburnum leaf beetles), Lespedeza (including grey-winged sharpshooter), Mealylugs, Physlops, Sawfly larvae, Thrips (suppression), Whiteflies.
Broadcast Application
Use Rate Table for TURFTHOR WSP for Broadcast Applications

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Broadcast Application Volume and Application Method
Mix required amount of product in a quantity of water sufficient to uniformly treat area. Use a minimum of 2 gallons of water per 100 sq. ft. of soil to be treated. To achieve optimum control, irrigate treated area in order to incorporate treatment into upper level of soil. May be applied and incorporated into tilled soil before planting. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such under dosing will not result in an application rate in excess of the maximum label rate.
Ornamental Pest Control by Broadcast Application
White guava larvae such as Japanese beetle larvae, Chafers, Physlops spp., Asian garden beetle, Oriental beetle.
SOIL INJECTION AND SOIL DRENCH FOR ORNAMENTAL PESTS

TURFTHOR WSP, applied as a soil drench or soil injection, controls a wide range of insects on trees (including non-bearing fruit and nut trees), shrubs, evergreens, flowers, foliage plants, ground covers and interior plantscapes. Non-bearing trees are perennial trees that will not produce a harvestable agricultural commodity within the next 12 months. TURFTHOR WSP is not for use on plants being grown for sale, fruit, nut or ornamental seed production or for research purposes.

TURFTHOR WSP is a systemic insecticide meaning it will be translocated by the plant’s vascular system from the roots up into the body of the plant. This means optimum effectiveness of TURFTHOR WSP is realized when TURFTHOR WSP is applied on or near a growing portion of the plant from which it can be translocated to other parts of the plant. Continually applying TURFTHOR WSP as a drench may cause an overdose or otherwise enhance the uptake of the active ingredient into the plant.

Translocation of soil directed applications made to woody stemmed plants can be delayed by up to 60 days. Optimum levels of control are realized when applications are performed sufficiently prior to anticipated pest infestations.

Applications to trees for the control of existing borer infestations may not prevent the eventual loss of the tree due to existing damage already caused by the pest and stress to the tree caused by the pest infestation.

Application Sites

For use on ornamental plants including but not limited to trees (including non-bearing fruit and nut trees), shrubs, evergreens, flowers, ground covers, bedding plants and foliage plants. Permitted sites include but are not limited to landscapes, forests (public and private), ornamental gardens, parks, lawns, grounds, golf courses and interior plantscapes at and/or around residences including multi-unit: commercial; office and shopping buildings and complexes; recreational areas; playgrounds; athletic fields; golf courses; cemeteries; airports and ports; public and private wooded and forested areas.

Application Preparation

TURFTHOR WSP can be mixed with other insecticides, miticides, fungicides and fertilizers.

If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing.

Ornamental Pests Controlled by Soil Injection or Drench Application

Adegifos, Agromid, Amored scales (suppression), Black vine weevil larvae, Emerald ash borer, Eucalyptus longhorned borer, Flatheaded borers (including bronze birch borer and elater borer), Japanese beetles, Larvae, Leaf beetles (including squash, tobacco and viburnum leaf beetles), Leafhoppers (including glassy-winged sharpshooter), Leaf miners, Mealworms, Pine tip moth larvae, Psyllids, Royal palm bugs, Sawfly larvae, Soft scales, Thrips (suppression only), White grub larvae, Whiteflies.

Soil Injection for Trees

Soil Injection is not allowed in Nassau and Suffolk Counties of New York

Soil Injection Use Rate for Trees

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<td>1.6 ounces (1 packet) per 24 to 48 inches of cumulative trunk diameter</td>
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Soil Injection Volume and Application Method for Trees

Mix the calculated amount of TURFTHOR WSP in the amount of water determined to be adequate for the treatment to be adequately dispersed. Apply at a low pressure according to one of the two following methods: Make a minimum of 4 injection holes per tree. For optimum control, maintain a high level of soil moisture in the treated area for 7 to 10 days after treatment.

Grind Injection: Evenly space holes on 2.5 foot centers in a grid pattern in the soil beneath the tree's branch/leafage out to the tree's drip line. Basal Injection: Evenly space injection holes around the base of the tree no more than 12 inches out from the tree.

Soil Drench for Trees

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Soil Drench Volume and Application Method for Trees

Mix the calculated amount of TURFTHOR WSP in the amount of water determined to be adequate for the solution to be adequately dispersed. Apply solution at a rate of no less than 10 gallons per 100 square feet around the base of the tree. If present, remove any barrier to the movement of the solution into the soil such as a plastic vapor barrier.

Soil Injection for Shrubs

Soil Injection is not allowed in Nassau and Suffolk Counties of New York

Soil Injection Use Rate for Shrubs

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<td>1.6 ounces (1 packet) per 24 to 48 cumulative ft. of shrub height</td>
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Soil Injection Volume and Application Method for Shrubs

Mix the calculated amount of TURFTHOR WSP in the amount of water determined to be adequate for the solution to be adequately dispersed. Apply solution at a rate of no less than 10 gallons per 100 square feet around the base of the shrub. If present, remove any barrier to the movement of the solution into the soil such as a plastic vapor barrier.

ATTENTION

Do not graze treated areas or use clipper from treated areas for food or forage.

Avoid runoff or puddling of irrigation water following application.

Avoid application to areas in which penetration to the root zone is unlikely to occur such as areas that are waterlogged, saturated or frozen.

IMPORTANT READ BEFORE USE

NOTICE: Read the entire Directions for Use, Conditions of Sale, Disclaimer of Warranties and Limitations of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

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