



82757-5

07/09/2007

1/4

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 82757-5	Date of Issuance: JUL 9 2007
	Term of Issuance: Conditional	
	Name of Pesticide Product: GrowStar Imidacloprid 0.20% plus Fertilizer	
Name and Address of Registrant (include ZIP Code): Turf Care Supply Corp. 50 Pearl Road, Suite 200 Brunswick, OH 44212		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data. 2. Make the following label changes before you release the product for shipment: <ol style="list-style-type: none"> a. Revise the EPA Registration Number to read, "EPA Reg. No. 82757-5". b. The GUARANTEED FERTILIZER ANALYSIS section must be deleted from the label 		
Signature of Approving Official:  Venus Eagle, Product Manager (01) Insecticide-Rodenticide Branch, Registration Division (7505P)	Date: JUL 9 2007	

2/4

Page 2

EPA Reg. No. 82757-5

3. The data requirements for storage stability (830-6317) and corrosion characteristics (830- 6320) have not been satisfied, and must be submitted within eighteen months of the date of this letter.
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Venus Eagle
Product Manager (01)
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure



.20% Imidacloprid + Turf Fertilizer

3/4

A combination fertilizer/insecticide for use in turfgrass, landscape ornamentals and sod farms.

ACTIVE INGREDIENT:

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine 0.2%
OTHER INGREDIENTS 99.8%
Total 100.00%

X-X-X

GUARANTEED FERTILIZER ANALYSIS

TOTAL NITROGEN (N)XX.XX%
 XX.XX% Ammoniacal Nitrogen
 XX.XX% Urea Nitrogen
 XX.XX% Water Insoluble Nitrogen
AVAILABLE PHOSPHATE (P₂O₅)XX.XX%
SOLUBLE POTASH (K₂O)XX.XX%
TOTAL SULFUR (S)XX.XX%
 XX.XX% Free Sulfur (S)
 XX.XX% Combined Sulfur (S)
IRON (Fe)XX.XX%
MANGANESE (Mn)XX.XX%
MANGESIUM (Mg)XX.XX%
ZINC (Zn)XX.XX%
COPPER (Cu)XX.XX%
 DERIVED FROM: XXXXX, XXXXX, XXXXX, XXXXX.
CHLORINE (Cl) Max.XX.XX%
 * XX.XX% Slowly Available Nitrogen From XXXXXXXXXX.

USER SAFETY RECOMMENDATIONS

Users Should:

- 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 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 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.

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

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.

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:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

**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.)

FIRST AID

If swallowed:	<ul style="list-style-type: none"> • 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 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.

HOT LINE 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 1-800-424-9300 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 or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

WPS USES: Applicators and other handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR part 170) – in general, agricultural plant uses e.g., use in sod farms, 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. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.
- 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.

NON-WPS USES: Applicators and other handlers who handle this product for any use NOT covered by the Worker Protection Standard (40 CFR part 170), such as sod farms, agricultural plant uses are covered by the WPS, must wear:

- Shirt and pants
- Gloves
- Shoes plus socks

**ACCEPTED
with COMMENTS
in EPA Letter Dated:
JUL 9 2007**

#XXXXXX

Net Weight: 50 lb (22.7 kg)

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 82757-5

GENERAL INFORMATION

TCS GrowStar™ .20% Imidacloprid + Turf Fertilizer is a systemic product absorbed by the roots and translocated upward within the plant, providing nutrients as well as control of selected insect pests. Best results are achieved when applications are followed by sufficient mechanical incorporation, irrigation or rainfall to move the active ingredient into the soil. For optimum levels of control, applications should be made prior to anticipated pest infestations.

General Use Restrictions

- Following application, avoid puddling or runoff of irrigation water.
- Avoid application of TCS GrowStar™ .20% Imidacloprid + Turf Fertilizer to areas which are waterlogged or saturated. Saturated or waterlogged areas will not allow TCS GrowStar™ .20% Imidacloprid + Turf Fertilizer penetration into the plant root zones.
- Do NOT apply more than 200 lbs. (0.4 lb. of active ingredient) per acre per year.
- Do NOT apply to vegetable gardens.

Application Equipment

Apply TCS GrowStar™ .20% Imidacloprid + Turf Fertilizer uniformly over the area being treated with typical granular application equipment. Both drop-type and rotary-type spreaders may be used to apply TCS GrowStar™ .20% Imidacloprid + Turf Fertilizer. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. Calibrate application equipment prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately.

TURFGRASS

TCS GrowStar™ .20% Imidacloprid + Turf Fertilizer may be applied on turfgrass in sites such as home lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, athletic fields and sod farms to control the following soil inhabiting pests:

Asiatic garden beetle (<i>Maladera castanea</i>)	Annual bluegrass weevil (<i>Hyperodes spp.</i>)
European chafer (<i>Rizotrogus majalis</i>)	May or June beetles (<i>Phyllophaga</i>)
Japanese beetle (<i>Popillia japonica</i>)	Oriental beetle (<i>Anomala orientalis</i>)
Billbugs (<i>Sphenophorus spp.</i>)	Mole crickets (<i>Scapteriscus spp.</i>)
Black turfgrass ateenius (<i>Ateenius spratulus</i>)	Aphodius spp.
European Crane Fly (<i>Tipula paludosa</i>)	
Northern & Southern masked chafers (<i>Cyclocephala borealis, C. immaculata, C. lurida</i>)	

Use Precautions

- Do NOT apply more than 200 lbs. (0.4 lb of active ingredient) per acre per year.
- Do NOT make applications when turfgrass areas are waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist.
- Avoid mowing turf or lawn area until after irrigation or rainfall has occurred so that the uniformity of the application will not be affected. The treated turf must be in such a condition that the rainfall or irrigation will penetrate vertically into the soil profile.

TCS GrowStar™ .20% Imidacloprid + Turf Fertilizer contains imidacloprid, the active ingredient used in Merit®.





.20% Imidacloprid + Turf Fertilizer

4/4

Application Instructions

TCS GrowStar™ .20% Imidacloprid + Turf Fertilizer has sufficient residual activity to permit applications to be made preceding the egg laying activity of the target pests and high levels of control can be achieved when applications are made preceding or during the egg laying period. Historical monitoring of the site, previous records or experiences, current season adult trapping or other methods should be used to determine the need for an application. Best results occur when applications are made prior to egg hatch of the target pest followed by sufficient irrigation or rainfall to move the active ingredient through the thatch with optimum control if irrigation or rainfall occurs within 24 hours of application to move the active ingredient through the thatch. Irrigate treated areas following application to golf courses.

Pests Controlled	Application Rate	Instructions
Larvae of: Annual Bluegrass Weevil Asiatic Garden Beetle Billbugs Black Turfgrass Attenius European Chafer European Crane Fly Japanese Beetle Northern Masked Chafer Oriental Beetle <i>Phyllophaga</i> spp. Southern Masked Chafer	125-200 lbs. / acre (3-4.5 lbs. / 1000 sq. ft.)	Make application prior to egg hatch of the target pest for best results. Be sure to read the Application Equipment section of this label.
Mole Crickets	200 lbs. / acre (4.5 lbs. / 1000 sq. ft.)	Apply prior to or during the peak egg hatch period. If adults or large nymphs are present and actively tunneling, TCS GrowStar™ .20% Imidacloprid + Turf Fertilizer applications should be accompanied by a curative insecticide.

For specific information regarding application timing, consult your local State Agricultural Experiment Station or State Extension Turf specialists.

ORNAMENTALS

TCS GrowStar™ .20% Imidacloprid + Turf Fertilizer may be broadcast applied to ornamentals in commercial and residential landscapes as well as landscaped areas in golf courses and other recreational areas.

Use Precautions

- Do NOT apply more than a total of 200 lbs. (0.4 lb. of active ingredient) per acre per year.
- Do NOT use in commercial greenhouses or nurseries.

Pests Controlled	Application Rate	Instructions
White Grub Larvae such as: Japanese beetle larvae Chafers <i>Phyllophaga</i> spp. Asiatic garden beetle Oriental beetle	3.5 - 4.5 lbs. / 1000 sq. ft.	Apply as a broadcast treatment being sure that prior to application, black plastic or other weed barrier material that will not permit water to permeate the soil is removed. For best results, mechanical incorporation, irrigation or rainfall should occur within 24 hours of application in order to move the active ingredient into soil. Be sure to read the Application Equipment section of this label.

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.

Handle and open container in a manner as to prevent spillage. If material is spilled for any reason or cause, carefully contain spilled material to prevent non-target contamination. Do not walk through spilled material and dispose of as directed for pesticides above. Refer to Precautionary Statements on label for hazards associated with the handling of this material. In spill or leak incidents, keep unauthorized people away. You may also contact PERS (1-800-633-8253) for decontamination procedures or any other assistance that may be necessary.

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

CONTAINER DISPOSAL: Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill or by incineration or if allowed by the state and local authorities, by burning. If burned, stay out of smoke.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and 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.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of this product, which are beyond the control of Turf Care Supply Corp. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Turf Care Supply Corp. and Seller harmless for any claims relating to such factors.

To the extent consistent with applicable law, Turf Care Supply Corp. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Turf Care Supply Corp., and Buyer and User assume the risk of any such use. TURF CARE SUPPLY CORP. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither Turf Care Supply Corp. nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF TURF CARE SUPPLY CORP. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF TURF CARE SUPPLY CORP. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Turf Care Supply Corp. and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Turf Care Supply Corp.

If this product is sold in a state requiring the publication of information regarding its metal content, this information can be found at http://www.turfcare.com/metals_analysis.htm, or by calling 1-877-220-1014.

TCS GrowStar™ .20% Imidacloprid + Turf Fertilizer is not manufactured or distributed by Bayer Environmental Science, seller of Merit®.

Merit® is a trademark of Bayer.

GrowStar™ is a trademark of Turf Care Supply Corp.

<p>EPA Reg. No. 82757- EPA Est. No. 82757-OH-001 (Lot No. Begins with MF) EPA Est. No. 82757-FL-001 (Lot No. Begins with S)</p> <p>#XXXXXX</p>	<p>F1612</p> <p>Distributed by: Turf Care Supply Corp. 50 Pearl Road, Suite 200 Brunswick, OH 44212</p>	
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