

#### U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

### NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

EPA Reg. Number:

Date of Issuance:

82757-6

JUL 2 1 2009

Term of Issuance:

Conditional

Name of Pesticide Product:

TCS GROWSTAR ATRAZINE 1.38% + FERTILIZER

Name and Address of Registrant (include ZIP Code):

Turf Care Supply Corp. 50 Pearl Road, Suite 200 Brunswick, OH 44212

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.

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.

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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7) provided that you make the following label changes before you release the product for shipment:

- 1. Submit and/or cite all data required for registration/registration review of your product under FIFRA sec 3(c)(5) or 3(g) when the Agency requires all registrants of similar products to submit such data.
- 2. Before shipment of product, add the EPA Registration No. 82757-6, and the appropriate establishment number to the label.
- 3. Under the product name, add "NOT FOR USE ON TURF BEING GROWN FOR SALE OR OTHER COMMERCIAL USE AS SOD, OR FOR COMMERCIAL SEED PRODUCTION, OR FOR RESEARCH PURPOSES".
- 4. On page 1 before the sentence starting with "FOR USE ON ST. AUGUSTINE [Including 'Floratam'], etc.", add, "FOR USE ON TURFGRASSES AT THE RESIDENTIAL SITES, HOMES, DAYCARE FACILITIES, SCHOOLS, PLAYGROUNDS, PARKS, RECREATIONAL AREAS, AND SPORTS FIELDS."
- 5. Under the "PRECAUTIONARY STATEMENTS" and the "Hazards to Humans and Domestic Animals" heading, add,

- "Applicators must wear:
- Long sleeve shirts and long pants, and
- Shoes plus socks"
- 6. On page 2, in the "CAUTION" paragraph, after the first sentence, add "Wear protective eyewear". In the same paragraph, remove the third sentence starting with "wash thoroughly with soap and water, etc.", and add a separate paragraph in a box beneath the "CAUTION" paragraph, and place in the box, "USER SAFETY RECOMMENDATIONS: User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet."
- 7. On page 2, under "Application Restrictions", add to the third bullet, "Watering-in must be performed by the commercial applicator, or the commercial applicator must provide the following instructions to the resident or owner in writing:
  - " This product must be watered in immediately
  - Do not enter or allow others (including children or pets) to enter the treated areas (except those involved in the watering) until the watering-in is complete and the surface is dry.""
- 8. Add a batch number to product as required under 40CFR156.
- 9. Submit one copy of the 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 sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label with comments is enclosed for your file.

For any additional assistance in this matter, please contact Phil Errico at 703-305-6663/ Errico.Philip@epa.gov.

Enclosure: Stamped copy of label, with comments, for product with EPA Reg. No. 82757-6.

Signature of Approving Official:	Date:
Jan Maria	JUL 2 1 2009
James A Tompkins, Product Manager (25)	
Herbicide Branch, Registration Division (7505P)	
-00. 0.44	

# TCS GrowStar

## Atrazine 1.38% + Fertilizer

FOR USE ON ST. AUGUSTINE [Including 'Floratam'], ZOYSIA, CENTIPEDE AND CARPETGRASS LAWNS ONLY

'[Sections/wording highlighted in yellow will depend upon the fertilizer claim and/or unit size produced.]

[See Appendix for consolidated list of optional marketing claims]

[Controls Weeds as Listed while Feeding Your Lawn with a Quick Greening Long Lasting Fertilizer] • Kills over 50 weeds [While Feeding Your Lawn] • Kills Dollarweed & [35] other major lawn weeds [as listed] • Promotes Thick Green Growth and Controls Dollarweed, Dandelion, Henbit and Many Other Broadleaf Weeds (see back for a complete list of weeds) • Controls Many More Weeds Listed on the Back of this Bag • Enjoy a Beautiful Weed-Free Lawn. • Kills over 50 weed types [as listed]. • Apply anytime broadleaf weeds are growing. • Covers XX Sq Ft. • Contains Atrazine • Apply anytime weeds are actively growing • Money Back Guarantee

`Active Ingredient:	
Atrazine	1.38%
Related Compounds	. 0.03%
Other Ingredients	
	100.00%]
KEED OUT OF BEACH OF CHILDREN	_

KEEP OUT OF REACH OF CHILDREN

CAUTION See back panel for First Aid and Precautionary Statements.

NET WT. XX Lb (XX KG)

Guaranteed Analysis		XX-XX-XX
Total Nitrogen (N)		XX.X%
X.X% Ammoniacal Nitrogen		
X.X% Urea Nitrogen**		
X.X% Water Insoluble Nitrogen		
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )		XX.X%
Soluble Potash (K <sub>2</sub> O)		XX.X%
Sulfur (S)		XX.X%
X.X% Free Sulfur (S)		
X.X% Combined Sulfur (S)		VV V0/
Iron (Fe)		XX.X%
X.X% Water Soluble Iron (Fe)		VV V0/
Manganese (Mn) Magnesium (Mg)	••••••	AA.A70
Zinc (Zn)		XX X%
Copper (Cu)		XX X%
Derived From: XXXX		/ 0 (,/ ( / 0
		XX X%
Chlorine (CI) Max	ACCEPTED	///.////
**XX.X% Slowly available XXX from XXX	with COMMENTS	FXXXX
	In EPA Letter Dated	
•	2 1 2000 P	

JUL 2 1 2009

## **BACK PANEL**

[Optional Use Tip Box(s)]

"To Do" List

- Measure lawn
- Subtract Non-Lawn Areas
- Apply at directed rate
- Water in immediately after application

Under the Federal Insecticide, Fundicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

"Product Fast Facts"

- What it Does: Kills unsightly and [nutrient stealing] [harmful] weeds while feeding your lawn
- When to Use: Anytime weeds are actively growing
- Questions & Comments: Call 1-XXX-XXX-XXX or visit www.XXXXX.com

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

#### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Avoid breathing dust. Do not apply granular lawn products by hand. Avoid contact with hands and skin. Broadcast applications must NOT be made using hand-held devices, such as a belly grinder or handheld rotary applicator. Such equipment may only be used for spot treatments.

#### IRST AID

If in Eyes		old eye open and rinse slowly and gently with water 15-20 minutes.
	1	emove contact lenses, if present, after the first 5 nutes, then continue rinsing eye.
	į.	Ill a Poison Control Center or doctor for treatment vice.

**Note**: Have this product label with you when calling a Poison Control Center or doctor, or going for treatment. [Active Ingredient: Atrazine, CAS #1912-24-9.]

## **Environmental Hazards**

- Atrazine can travel (seep or leach) through soil and enter ground water, which may be used as drinking water. Atrazine has been found in ground water. Users are advised not to apply Atrazine to well drained soils where the water table (groundwater) is close to the surface and where these soils are very permeable. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water. This product is toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas.
- Do not contaminate water when disposing of equipment washwaters.

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

## [BEFORE YOU APPLY]

Read and follow these guidelines when you use this product:

Apply with a fertilizer spreader – Never apply by hand

- Do not use on or under trees, shrubs, bedding plants, flowers or garden plants.
- Do not apply to newly seeded zoysia, centipede, or carpetgrass lawns. Wait until they have required at least two mowings.

### **Application Restrictions**

- Do not apply this product in a way that will contact any person or pet, either directly or through drift.
- · Keep people and pets out of area during application.
- This product must be WATERED IN IMMEDIATELY after application.
- Do not enter or allow others (including children and pets) to enter the treatment areas (except those involved in the watering) until watering in is complete and the surface is dry.
- Do not apply by hand or handheld device such as handheld rotary applicator.
- Do not apply more than 2 lbs active ingredient (139 lbs this product per 1 acreper acre for any application.
- Do not make more than two applications per year.

#### **USE PRECAUTIONS**

- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
- Not for use on or under trees, shrubs, bedding plants, flowers or garden plants.
   Do not apply under the branches (root zone area) of shrubs, trees, flowers, etc.
- Do not apply to newly seeded zoysia, centipede, or carpetgrass lawns.
   Wait until they have required at least two mowings.
- Do not apply to flowers, bedding plants, ornamental trees or shrubs.

#### WHERE TO USE

 Use on St Augustinegrass [(including 'Floratam')], zoysia, centipede and carpetgrass lawns ONLY. Do not use on Bluegrass, Fescue, Bentgrass, Bahiagrass, Rye, Bermudagrass, or Dichondra lawns

## WHAT IT DOES Controls Weeds

- Contains an active ingredient that works fast and kills unsightly [and] [nutrient stealing] [harmful] weeds [and provides the essential nutrients your lawn needs to grow thick and green.]
- Also, prevents germination of many common spring and fall germinating annual weeds. It will provide post-emergence control of many winter and summer weeds.



## Fertilizes and Replenishes

 Dual feeding formula provides both quick greening and extended feeding, resulting in a thicker, stronger, greener lawn

This product controls [or suppresses] the following list of growing weeds.

Annual Bluegrass (Poa Annua)	Florida Betony	Sicklepod
Annual Sowthistle	Florida Pusley	Spotted Spurge
Barnyardgrass	Fragrant Cudweed	Spurweed
Black Medic	(Rabbit Tobacco)	Stinging Nettle
Blue Toadflax	Green Foxtail	Swinecrest
Buckhorn Plantain	Henbit	Venus Looking Glass
Bull Paspalum	Hopclover	Virginia Creeper
Burclover	Knotweed	Wild Mustard
Carolina Geranium	Lambsquarter	Witchgrass
Carpetweed	Lespedeza	Wood Sorrel
Chamberbitter (niruri)	Lippia (Matchweed)	Yellow Foxtail
Chickweed, Common	Moneywort	
Chickweed, Mouseear	Morning Glory	
Clover	Narrowleaf Vetch	
Cocklebur	Oxalis	
Common Dandelion	Parsley-Piert	
Common Purslane	Pepperweed	
Corn Speedwell	Pigweed	
Crabgrass	Purslane	
Crowfoot Grass	Ragweed	
Cudweed	Red Sorrel	
Cutleaf Evening Primrose	Rescuegrass	
Dichondra	Sandspur	
Dollarweed	Sedge	
Florida Beggarweed	Shepherdspurse	

#### WHEN TO APPLY

- For post-emergence control, apply anytime broadleaf weeds are [actively] growing. If complete control is not obtained, a second application may be necessary two months after the first.
- To prevent germination of crabgrass, spurge, lespedeza, oxalis and sedges (from seed) apply in January, February or early March.
- Apply in the fall to control henbit, chickweed, annual bluegrass (Poa), cudweed, parsley-piert, rescuegrass and other listed winter weeds.
- Apply to newly sprigged St. Augustine and zoysia lawns to help prevent competition from newly emerging weeds. Water the new sprigs, allow the grass blades to dry, then make the application of [product name] [optional fertilizer claim] [optional marketing claim].

 Do not apply to centipede or carpetgrass lawns during the period of winter dormancy – approximately October 15 to March 15 (okay to apply in Florida, however). Do not apply to newly seeded centipede or carpetgrass lawns until after the new grass has been mowed at least twice.

#### [GENERAL USE DIRECTIONS] [HOW TO APPLY]

- Determine size of area to be treated measure length and width in feet, then
  multiply to determine coverage area in sq. ft. (length x width). Next, subtract
  non-lawn areas.
- 2. Use the spreader setting chart to determine the appropriate setting.
- 3. Apply evenly over dry grass, avoiding streaking, skips and overlaps thorough coverage is important. On hot days (above 80° F), water the lawn to rinse particles off the grass.

**Spreader Settings** 

[BROADCAST] [/] [ROTARY] SPREADERS		DROP SPREADER	S
Republic EZ	Х	Republic EZ	Χ
Earthway EV-N SPRED	Χ	Ortho	Х
Quaker	Χ	Precision	Χ
Scotts Easy Green	Х	Scotts (PF)	Χ
Scotts Deluxe Edgeguard	Х	Scotts AccuGreen	Х
Scotts Speedy Green	Χ	Scotts Even Green	Х

Calibrate your spreader with each application. Adjust to apply at the rate of 3.2 lb of product per 1,000 sq. ft. This XX lb bag covers XX sq ft of lawn area. Do not make more than two applications per year. Do not exceed the maximum rate of 3.2 lb of product per 1,000 sq ft (2 lbs active ingredient per acre) per application.

Note: The spreader settings listed [at right] [on this label] [above] are approximate. It is important to check calibration of spreader frequently to ensure spreader functioning properly and applying product evenly. To check calibration, accurate, weigh a few pounds into your spreader and apply to a measured area. Then adjust spreader setting if necessary in order to ensure correct rate of application.

## [Optional Advisory Statement]

[Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn, and sweep any product that lands on the driveway, sidewalk, or street back onto your lawn.]



## [Optional Iron and Fertilization Program Statement]

This product contains iron that aids in the greening process but WILL stain sidewalks and driveways. Sweep off any product that may have drifted onto these areas.

Typically, a lawn will utilize 1 to 4 lb of nitrogen per 1,000 sq ft per growing season. When used as directed, this product will supplement your regular fertilizer program by providing XX lb of nitrogen per 1,000 sq ft. Consult your local County Extension office for questions regarding a fertilizer program suitable for your geographic region.

#### STORAGE AND DISPOSAL

**Storage:** Store product in original container in a cool, dry, locked place out of reach of children and pets. Do not store near food or feedstuffs. To prevent cross-contamination, do not store near other fertilizers, pesticides, or seeds.

**Disposal: If empty:** Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Notice: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.

When applied as directed, this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials.

information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

## [Questions or comments? 1-XXX-XXX-XXX]

[Visit Us on the Internet or Call Our Customer Satisfaction Hotline 1-XXX-XXX-XXXX]

Manufactured [in the USA] [and Guaranteed] by Turf Care Supply Corp. 722 Webster Turn Drive Sebring, FL 33870 (or) 50 Pearl Road, Suite 200 Brunswick, OH 44212

EPA Reg. No. 82757-X

EPA Est. No. 82757-OH-1 MF, 82757-FL-1 S, 82757-MA-2 H Circled letter is first letter of lot number.

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## **APPENDIX**

#### **Optional Fertilizer Claims:**

Delivers a Long Lasting Feeding without Burning for a Stronger Greener Lawn • Timed-Release for Extended Feeding • Feeds for up to (time period as designated by registrant/subregistrant) (at 72° F) • Quick Greening & Extended Feeding for up to 8 weeks • Greens Quickly and Feeds Up to 2 months • A special Formula for St. Augustine Lawns • Improves Deficient St. Augustine Lawns • Contains (X)% Fertilizer Nutrient For Extra Greening • Contains (X)% Fertilizer Nutrient to Improve Deficient St. Augustine Lawns • Greens in 72 hours • Greenskote Technology • Timed-Release Feeding for up to 8 Weeks • Greens Quickly, Feeds Longer!\* • Contains 5% Iron for Deep Greening • Greens Fast, Feeds Twice As Long\* - up to 5 Months • \*Compared to (Brand Name) • Phosphorus Free •

#### **OPTIONAL MARKETING CLAIMS**

Optional Turf Note:

CENTIPEDE GRASS IS DIFFERENT FROM OTHER TURFGRASSES. It requires very little fertilizer. In fact, turf experts say that too much fertilizer can hurt centipede. With this in mind, we have specially formulated (name of product) to give your Centipede grass the light feeding it needs to grow thick, lush and sturdy. Our exclusive timed-release nitrogen provides a slow, gradual feeding that keeps your grass greener longer and helps build a stronger, hardier root system. Extra iron helps keep the grass green without too much nitrogen.

(<u>Brand Name</u>) products with ????® timed-release nitrogen work differently than other slow-release products. ????® timed-release nitrogen releases in response to soil temperature rather than moisture level. Other slow release products release according to the amount of moisture present in the soil... the more moisture the quicker the nutrients release... putting your grass at risk from burning. Because (Brand Name) products contain ????® timed-release nitrogen, your grass is fed for up to (time period as designated by registrant/sub-registrant) (at 72° F).

(Brand Name) (Product Name) (Optional Marketing Claim)] [timed-release nitrogen] is specially formulated [to give your grass the primary nutrients it needs] to grow thick, lush and sturdy green grass. Our [exclusive] timed-release nitrogen provides a slow, gradual feeding that keeps your grass greener longer and helps build a stronger, hardier root system.

Why does your lawn need (brand) Weed & Feed? (Brand) Weed & Feed is specially formulated to kill lawn weeds and give your grass the nutrients it needs for thick growth. Our timed-release formula keeps your grass greener longer and helps build strong, hardy root systems.

(Brand Name) products with ????® timed release nitrogen feed as the ground temperature warms in the Spring and Summer, and slows down as the soil cools in the Fall, thus supplying nitrogen according to the requirements of your grass.]

Contains [Polyon®] timed-release fertilizer as used [on championship golf courses around the country]

Contains (<u>Brand Name</u>) time-release fertilizer as used [on championship golf courses around the country] [by professional landscapers around the country].

[\*\*CTR™, Composite Timed-release is your Guarantee that a QUICK and LONG LASTING FEEDING will be systematically delivered to your lawn.]

Why [(Brand Name) (Product Name) (Optional Marketing Claim)]? When it comes to your lawn, we know what matters – lush, green turf that lasts all season long. With 5% iron and a high level of controlled-release nitrogen, [(Brand Name) (Product Name) (Optional Marketing Claim)] [premium lawns fertilizers] green quickly and feed longer than ordinary lawn fertilizers. [(Brand Name) (Product Name) (Optional Marketing Claim)] Fertilizers – Performance You Can Trust, Guaranteed.

The (brand name) Promises Your Satisfaction Guaranteed or Your Money Back! If you apply [(brand name) (product name) (optional marketing claim) as directed and are not completely satisfied, send proof of purchase from this package and the original cash register receipt to the address below (or on the bag). We will refund the purchase price you paid.

Plus Atrazine Weed Control

Southern Lawn Fertilizer

TCS GrowStar® is a registered trademark of Turf Care Supply Corp.