

 United States <b>Environmental Protection Agency</b> Washington, DC 20460	Registration <input type="checkbox"/> Amendment <input type="checkbox"/> Other <input checked="" type="checkbox"/>	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number 8378-34	2. EPA Product Manager John Hebert	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 2.32 Dursban Granules	PM#	
5. Name and Address of Applicant (include ZIP Code) Knox Fertilizer Company P. O. Box 248 Knox, IN 46534 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>N/A</u> Product Name <u>N/A</u>	

**Section - II**

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.	<b>NOTIFICATION</b>  MAR 14 2003
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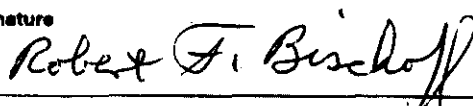
**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change relative to PR Notice 2001-6. This notification is consistent with the guidance in PR Notice 2001-6 and the requirements of EPA's regulations at 40 CFR 156.10 and 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the guidance of PR Notice 2001-6 and the requirements of 40 CFR 156.10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Robert F. Bischoff	Title Agent, TotalTurf Consulting LLC	Telephone No. (Include Area Code) (317) 873-0222
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Agent, TotalTurf Consulting LLC	
4. Typed Name Robert F. Bischoff	5. Date February 27, 2003	

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# 2.32 Dursban® Granules

For Golf Courses Turf, Road medians - Industrial Plant sites  
**5 LBS. TREATS 5,000 SQ. FT.**

Controls Ants, Armyworms (Beet, Fall, Yellow striped), Brown Dog Ticks, Centipedes, Chiggers, Chinch Bugs, Clover Mites, Cutworms, Crickets, Earwigs, European Crane Fly larvae, Fiery Skipper, Fleas, Grasshoppers, Leafhoppers, Millipedes, Sod Webworms(Lawn Moth), Sow Bugs, Springtails, Turfgrass Weevil (Hyperodes), White Grubs (Species of Black Turfgrass Atoenius, European Chafer, Southern Chafer, Japanese Beetle and June Beetle larvae), Bluegrass Billbugs.

**ACTIVE INGREDIENT:**

Chlorpyrifos: CAS [2921-88-2]..... 2.32%

OTHER INGREDIENTS: ..... 97.68%

Total 100.00%

Dursban is a registered trademark of Dow AgroSciences LLC

EPA REG. NO. 8378-34

EPA EST. NO. 8378-IN-1

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**FIRST AID  
ORGANOPHOSPHATE**

**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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**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 INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment. You may also contact 1-800-858-7378 for emergency medical treatment advice.

**NOTE TO PHYSICIAN:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote only by injection.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC  
ANIMALS**

**CAUTION:** May be harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Keep away from food, feedstuffs, and water supplies. When watering-in is required, keep the public (especially children and pets) off treated areas until the grass is dry.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to birds, fish, and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the high water mark. 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. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Not for use on turfgrass being grown for sale such as sod, or for commercial seed production, or for research purposes. Do not apply this product through any type of irrigation system. Maximum application rate is 1 lb. a.i. per acre.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original labeled container in a cool, dry, locked place out of reach of children. **PRODUCT DISPOSAL: IF EMPTY:** Do not reuse this bag. Place in trash or offer for recycling if available. **IF PARTLY FILLED:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**How much and where to use**

Apply 2.32 Dursban Granules uniformly to golf course turf, road median and industrial plant sites using any hand or power operated gravity or rotary type spreader designed for application of granules. Treat when insects first appear, using granules at the rate of (5 lbs. per 5,000 sq. ft.) or 44 lbs. per acre for all insects. For control of Soil insects, immediately after application, thoroughly irrigate the turf to move the granules into the zone of insect infestation. Repeat treatment as necessary but no more than 3 times per year. Observe delayed watering for Sod Webworms. See spreader settings below.

**SPREADER SETTINGS**

Make of spreader	For all insects 2 lbs./1,000 sq. ft.
Ortho Drop #3000	6
Ortho Broadcast #4000	1 1/2
Scott #PF-1	5
Central	7
Jackson	5 1/2
Glorian	7
Sears	7
Cyclone	3 1/2
Scotts Rotary #ER-2	25 1/2
Whirlybird	3

**SURFACE INSECTS  
CHIGGERS, TICKS, & FLEAS**

Use 5 lbs. per 5,000 sq. ft. for area control of these insects, where these pests are present and are creating a nuisance. Do not allow use of treated area during applications. It is not necessary to water the granules into the soil for surface insect control.

**CHINCH BUGS**

Apply 5 lbs. per 5,000 sq. ft. when insects appear or their damage is imminent. To prevent damage apply as soon as daily temperatures reach 80 degrees and repeat every 2 months.

**SOD WEBWORMS**

For Sod Webworms, delay watering or mowing the treated area for 24 hours after treatment. Treat in the spring or when insects first appear troublesome. Additional treatments at 30 day intervals may be needed to new infestations. Apply at the rate of 5 lbs. per 5,000 sq. ft.

**DEER TICK Control (Vector of Lyme Disease).**

For control of Ticks infesting areas of golf course turf, outside of industrial plant sites and road medians, apply at the rate of 1 lb. per 1,000 sq. ft. When watering out of doors in suspect areas protect against ticks by tucking pants into socks to avoid tick bites.

**NOTIFICATION  
MAR 14 2003**

**SOIL INSECTS  
TURFGRASS WEEVIL**

Use 5 lbs. per 5,000 sq. ft. Treat suspected problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service.

**WHITE GRUB SPECIES - CRANE FLY LARVAE**

To control White Grubs (Black Turfgrass Ateenius, European Chafer, Southern Masked Chafer, Japanese Beetle and June Beetle Larvae), use 5 lbs. to treat 5,000 sq. ft. After applications apply enough water to thoroughly wash the insecticide into the turf. For best results remove thatch first and treat when grubs are young and actively feeding near the soil surface, usually during late July and August. Consult your local Agricultural Extension Service Specialist for the best time to treat.

European Crane Fly Larvae will be controlled using 5 lbs. per 5,000 sq. ft. Consult your Agricultural Agent for proper time to apply. For best results, first remove thatch. Water the granules into the soil.

**BLUEGRASS BILLBUGS**

Use 5 lbs. per 5,000 sq. ft. for Billbug grubs. Remove thatch before treatment. Wash granules into soil as for White Grubs.

**NOTICE:** Buyer and user assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

**NET WEIGHT XX POUNDS  
KNOX FERTILIZER COMPANY, INC.  
P.O. BOX 248  
KNOX, IN 46534**

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ANIMALS**

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**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. Not for use on turfgrass being grown for sale such as sod, or for commercial seed production, or for research purposes. Do not apply this product through any type of irrigation system. Maximum application rate is 1 lb. a.i. per acre.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original labeled container in a cool, dry, locked place out of reach of children. **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:** Completely empty bag into application equipment, then dispose of empty bag in a sanitary landfill or by incineration or if allowed by State or local authorities by burning. If burned stay out of smoke.

**Inserted: PRODUCT DISPOSAL:**  
**IF EMPTY:** Do not reuse this bag. Place in trash or offer for recycling if available. **IF PARTLY FILLED:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**How much and where to use**

Apply 2.32 Dursban Granules uniformly to golf course turf, road median and industrial plant sites using any hand or power operated gravity or rotary type spreader designed for application of granules. Treat when insects first appear, using granules at the rate of (3 lbs. per 5,000 sq. ft.) or 44 lbs. per acre for all insects. For control of Soil insects, immediately after application, thoroughly irrigate the turf to move the granules into the zone of insect infestation. Repeat treatment as necessary but no more than 3 times per year. Observe delayed watering for Sod Webworms. See spreader settings below.

**SPREADER SETTINGS**

Make of spreader	For all insects 2 lbs./1,000 sq. ft.
Ortho Drop #9000	6
Ortho Broadcast #4000	1 1/2
Scott #FF-1	5
Central	7
Jacklan	5 1/2
Glorian	7
Sears	7
Cyclone	3 1/2
Scotts Rotary #ER-2	25 1/2
Whirlybird	3

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**CHINCH BUGS**

Apply 5 lbs. per 5,000 sq. ft. when insects appear or their damage is imminent. To prevent damage apply as soon as daily temperatures reach 80 degrees and repeat every 2 months.

**SOD WEBWORMS**

For Sod Webworms, delay watering or mowing the treated area for 12 to 24 hours after treatment. Treat in the spring or when insects first appear troublesome. Additional treatments at 30 day intervals may be needed for new infestations. Apply at the rate of 5 lbs. per 5,000 sq. ft.

**DEER TICK Control (Vector of Lyme Disease).**

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**NET WEIGHT XX POUNDS**  
**KNOX FERTILIZER COMPANY, INC.**  
**P. O. BOX 248**  
**KNOX, IN 46534**

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# KNOX FERTILIZER COMPANY

P.O. BOX 248 KNOX, INDIANA 46534  
PHONE (219) 772-6275 / FAX (219) 772-5878

November 11, 2002

Document Processing Desk  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

Attention: EPA Pesticide Product Managers

Re: Knox Fertilizer Inc. products except those containing Dimension®  
(EPA Reg. No. 8378-48; 8378-49; 8378-50; 8378-51; 8378-53)

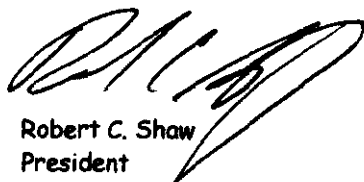
This letter authorizes Dr. Raymond B. Cooper and Mr. Robert F. Bischoff of TotalTurf Consulting, LLC, PO Box 7928, Hilton Head Island, SC 29938, to act on our behalf as agents in regard to the regulatory activities involving the registration of Knox Fertilizer Inc. products except those containing Dimension® under 40 CFR 152.50. Please provide TotalTurf Consulting, LLC with access to our files and information regarding their status and data requirements.

This letter terminates the relationship with H.R. McClane, at 7210 Red Road, Suite 206, Miami Florida, as our agent.

This authorization shall remain in effect until such time as we notify EPA, in writing, of cancellation.

Thank you in advance for your cooperation. Should you have any questions, please call.

Sincerely,



Robert C. Shaw  
President

cc: TotalTurf Consulting, LLC  
PO Box 7928  
Hilton Head Island, SC 29938

H.R. McClane  
7210 Red Road, Suite 206  
Miami, FL 33143-5321



Shaw's

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**TotalTurf Consulting LLC  
P. O. Box 7928  
Hilton Head Island, SC 29938**

**Direct: 843-785-4211  
Fax: 843-785-8292**

**E-Mail: rbcooper@juno.com**

February 27, 2003

Mr. John Hebert  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U. S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202-4501

Dear Mr. Hebert:

Subject: 2.32 DURSBAN GRANULES  
EPA Reg. No. 8378-34  
Notification to Comply with PR Notice 2001-6

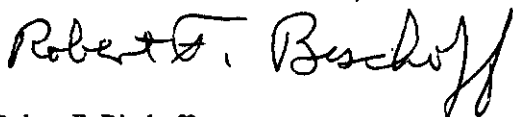
In response to PR Notice 2001-6 concerning required revisions to the storage and disposal statements for pesticide products, labeling for the subject product has been revised to comply with this notice. The revised labels are being submitted via notification on behalf of Knox Fertilizer Company, Inc., P.O. Box 248, Knox, IN 46534 by TotalTurf Consulting LLC, an authorized agent for Knox Fertilizer Company.

The following documents are included in the subject submission:

- Cover Letter
- EPA Form 8570-1
- One Copy of Final Printed Label (Coded as 20030227.final label)
- One Copy of Highlighted Final Printed Label (Coded as 20030227.final label)
- Copy of Authorization Letter for TotalTurf Consulting LLC

If there are any questions concerning this submission, do not hesitate to contact me at (317) 873-0222 or Raymond B. Cooper at (843) 785-4211.

Sincerely,



Robert F. Bischoff  
Agent  
TotalTurf Consulting LLC  
P.O. Box 7928  
Hilton Head, SC 29938