

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (WH-567)
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

100-643

DATE OF ISSUANCE

6/25/87

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Triumph 4E Insecticide

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Ciba-Geigy Corporation
Agricultural Division
P.O. Box 18300
Greensboro, NC 27419

116
17
187,162
1

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 registered in accordance with FIFRA sec. 3(c)(5) provided that you:

1. Make the labeling changes listed below before you release the product for shipment.
 - a. Add the following statement to the first sentence of the environmental hazards.

This pesticide is toxic to fish and aquatic invertebrates and is toxic to wildlife.
 - b. Revise the present label statement, "Apply only to sandy loam or heavier soils to avoid possible entry of Triumph 4E into ground-water" to read as follows:

Do not apply to sandy soils.
 - c. The "RESTRICTED USE PESTICIDE" statement must be immediately followed by the following statement:

Due to mammal, fish and aquatic organism toxicity,

ATTACHMENT IS APPLICABLE

BEST AVAILABLE COPY

SIGNATURE OF APPROVING OFFICIAL

DATE

Cont..pg. 1

- d. The present label statement, "Do not allow children or pets on treated area on the day of treatment until 1/2 inch of water has been applied and grass is dry" which now appears under the heading "General Information" must be relocated under the heading, "Hazards to Humans and Domestic Animals".
 - e. Add a statement identifying the presence of Xylene.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling .

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 is enclosed for your records.

It should be understood that the Agency's concern with the groundwater contamination potential has been alleviated for the use on home lawns only. Other uses may require the submittal and evaluation of additional data.

William H. Miller
PM-16

RESTRICTED USE PESTICIDE
For Retail Sale To and Use Only By
Certified Applicators Or Persons Under
Their Direct Supervision And Only For
Those Uses Covered By The Certified
Applicator's Certification.

Triumph® 4E

Insecticide

For Use Only by Commercial
Lawn Pest Control Personnel

For insect control in lawns.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 25 1987

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

100-643

Active Ingredients:	
O-(5-chloro-1-[methylethyl]-	
1H-1,2,4-triazol-3-yl) O,O-diethyl	
phosphorothioate	46.8%
Inert Ingredients:	53.2%
<u>Total:</u>	<u>100.0%</u>

Triumph 4E contains 4 lbs.
active ingredient per gal.

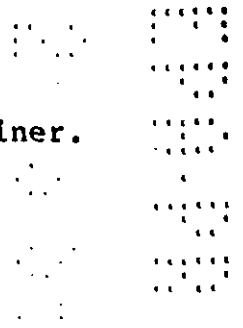
 Gallons
U.S. Standard Measure

EPA Reg. No. 100-643
EPA Est.

Keep Out of Reach of Children

WARNING

See additional precautionary statements on back of container.



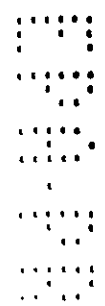
DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

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 CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants 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. CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept 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 CIBA-GEIGY.



DIRECTIONS FOR USE

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

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND ALL PRECAUTIONS ON THIS LABEL MAY RESULT IN GRASS INJURY OR POOR INSECT CONTROL.

General Information

Triumph 4E is an emulsifiable concentrate which, when diluted with water according to directions, controls certain insect pests in lawns. For best control, apply at the first signs of pest damage. A maximum of 1 application per year is permitted for the 1.5 oz. rate. A maximum of 2 applications per year at least 60 days apart is permitted for the 0.75 oz. rate.

Mixing Instructions: Fill the spray tank 1/2 to 3/4 full with water, add the measured amount of Triumph 4E, then add the rest of the water. Provide sufficient agitation during mixing and spraying to maintain a uniform emulsion.

Sprayer Equipment: Use conventional spray equipment with fan or flood type nozzle tips. After use, rinse thoroughly with clean water.

Notes: 1) Apply only to sandy loam or heavier soils to avoid possible entry of Triumph 4E into groundwater. 2) Do not allow children or pets on treated area on the day of treatment until 1/2 inch of water has been applied and turf is dry. 3) Excessive watering may reduce performance and increase potential runoff. Discontinue watering before puddles or runoff occur. When heavy rainfall is expected, do not apply where direct runoff into ponds, lakes, or streams may occur. 4) To avoid hazard to wildlife, do not overlap sprayed areas during spraying. 5) To avoid illegal residues, do not graze or use treated turf for feed.

Application

White grubs (such as Japanese beetle, European chafer, Southern masked chafer, May/June beetle, annual white grub and dung beetle), mole crickets, bluegrass weevil: Apply 1.5 fl. oz. per 1,000 sq. ft. of lawn area in a minimum of 3 gals. of water. Water grass thoroughly after application with a minimum of 1/2 inch water. For best grub control, make application after adults have ceased egg laying - usually late summer. For mole crickets, apply in spring when nymphs are small. For bluegrass weevil, apply in spring when damage is first noticed. Make only one application per year.

Chinch bugs, cutworms, sod webworms, and armyworms: Apply 0.75 fl. oz. per 1,000 sq. ft. of lawn area in a minimum of 3 gals. of water. Water grass thoroughly after application with a minimum of 1/2 inch water. Make applications at first signs of pest damage. Repeat application in a minimum of 60 days if needed. Do not exceed two applications in one year.

Storage and Disposal

Do not store in or around the home. Do not store below 0°F. Do not contaminate water, food, or feed by storage or disposal.

Pesticide: Wastes resulting from use of this product are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container: Triple rinse (or equivalent). Then offer container for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or burn if allowed by state and local authorities. Stay out of smoke from burning container.

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING

May be fatal if swallowed, inhaled, or absorbed through the skin. Do not get on skin or clothing. Do not breathe vapors or spray mist. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. Remove contaminated clothing and wash before reuse.

Statement of Practical Treatment

If swallowed: Call a physician or poison control center immediately. DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, do so under medical supervision. Give victim one or two

Continued ... 5

glasses of water and induce vomiting by touching back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth unless exposure was due to swallowing; then use cardiopulmonary resuscitation (CPR). Get medical attention.

If on skin: Remove contaminated clothing, and wash skin with plenty of soap and water. Get medical attention.

If in eyes: Flush immediately with plenty of water. Get medical attention if irritation persists.

Note to Physician: Lavage stomach with care to prevent aspiration into lungs. Leave lavage tube in place. Make a thin water slurry of activated charcoal with 30 grams of charcoal in 3-4 oz. of water. Instill the slurry through the lavage tube into the stomach and leave slurry in place. Atropine sulfate and 2-PAM are specific antidotes. Morphine, theophylline, aminophylline, and large amounts of intravenous fluids are contraindicated.

Environmental Hazards

This pesticide is highly toxic to fish and aquatic invertebrates. Use with care when applying in areas frequented by wildlife. Water grass thoroughly after application. Discontinue watering before puddles or runoff occur. Do not apply where direct runoff may occur into ponds, lakes or streams. Do not apply to any areas which are adjacent to biologically active bodies of water. Do not apply directly to water or wetlands. Do not apply when weather conditions favor drift or runoff from treated areas. Cover, disc, or incorporate spill areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

Triumph® trademark of CIBA-GEIGY for isazofos.

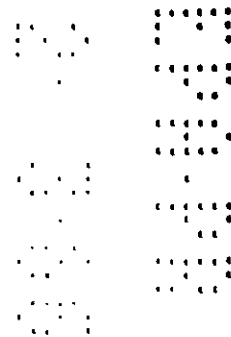
U.S. Patent Nos. 3,867,396; 3,932,629

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Agricultural Division
CIBA-GEIGY Corporation
Greensboro, North Carolina 27419

CGA 48L7

	November 4, 1983
Revised	April 17, 1984
Revised	May 1, 1984
Revised	July 6, 1984
Revised	November 21, 1984
Revised	January 15, 1986
Revised	January 29, 1986



U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 100-643	DATE OF ASSUANCE 6/25/87
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGERISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME OF PESTICIDE PRODUCT Triumph 4E Insecticide		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Ciba-Geigy Corporation
 Agricultural Division
 P.O. Box 18300
 Greensboro, NC 27419

116 / 17 187,162 / 1

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 registered in accordance with FIFRA sec. 3(c)(5) provided that you:

1. Make the labeling changes listed below before you release the product for shipment.
 - a. Add the following statement to the first sentence of the Environmental hazards.

This pesticide is toxic to fish and aquatic invertebrates and is toxic to wildlife.

- b. Revise the present label statement, "Apply only to sandy loam or heavier soils to avoid possible entry of Triumph 4E into groundwater" to read as follows:

Do not apply to sandy soils.

- c. The "RESTRICTED USE PESTICIDE" statement must be immediately followed by the following statement:

Due to avian, fish and aquatic organism toxicity

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

BEST AVAILABLE COPY

DATE

Cont..pg. 1

- d. The present label statement, "Do not allow children or pets on treated area on the day of treatment until 1/2 inch of water has been applied and grass is dry" which now appears under the heading "General Information" must be relocated under the heading, "Hazards to Humans and Domestic Animals".
 - e. Add a statement identifying the presence of Xylene.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling .

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 is enclosed for your records.

It should be understood that the Agency's concern with the groundwater contamination potential has been alleviated for the use on home lawns only. Other uses may require the submittal and evaluation of additional data.

William H. Miller
 PM16

RESTRICTED USE PESTICIDE
For Retail Sale To and Use Only By
Certified Applicators Or Persons Under
Their Direct Supervision And Only For
Those Uses Covered By The Certified
Applicator's Certification.

Triumph® 4E

Insecticide

For Use Only by Commercial
Lawn Pest Control Personnel

For insect control in lawns.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 25 1987

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

100-643

Active Ingredients:

O-(5-chloro-1-[methylethyl]-
1H-1,2,4-triazol-3-yl) O,O-diethyl
phosphorothioate

46.8%

Inert Ingredients:

53.2%

Total:

100.0%

Triumph 4E contains 4 lbs.
active ingredient per gal.

 Gallons
U.S. Standard Measure

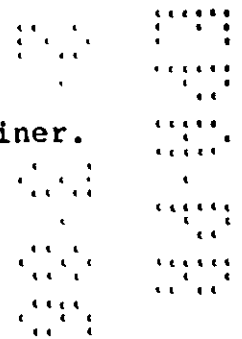
EPA Reg. No. 100-643

EPA Est.

Keep Out of Reach of Children

WARNING

See additional precautionary statements on back of container.



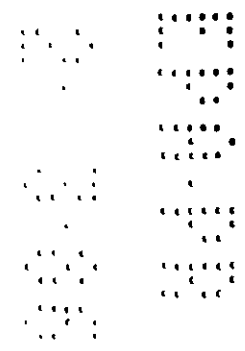
DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

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 CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants 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. CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept 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 CIBA-GEIGY.



DIRECTIONS FOR USE

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

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND ALL PRECAUTIONS ON THIS LABEL MAY RESULT IN GRASS INJURY OR POOR INSECT CONTROL.

General Information

Triumph 4E is an emulsifiable concentrate which, when diluted with water according to directions, controls certain insect pests in lawns. For best control, apply at the first signs of pest damage. A maximum of 1 application per year is permitted for the 1.5 oz. rate. A maximum of 2 applications per year at least 60 days apart is permitted for the 0.75 oz. rate.

Mixing Instructions: Fill the spray tank 1/2 to 3/4 full with water, add the measured amount of Triumph 4E, then add the rest of the water. Provide sufficient agitation during mixing and spraying to maintain a uniform emulsion.

Sprayer Equipment: Use conventional spray equipment with fan or flood type nozzle tips. After use, rinse thoroughly with clean water.

Notes: 1) Apply only to sandy loam or heavier soils to avoid possible entry of Triumph 4E into groundwater. 2) Do not allow children or pets on treated area on the day of treatment until 1/2 inch of water has been applied and turf is dry. 3) Excessive watering may reduce performance and increase potential runoff. Discontinue watering before puddles or runoff occur. When heavy rainfall is expected, do not apply where direct runoff into ponds, lakes, or streams may occur. 4) To avoid hazard to wildlife, do not overlap sprayed areas during spraying. 5) To avoid illegal residues, do not graze or use treated turf for feed.

Application

White grubs (such as Japanese beetle, European chafer, Southern masked chafer, May/June beetle, annual white grub and dung beetle), mole crickets, bluegrass weevil: Apply 1.5 fl. oz. per 1,000 sq. ft. of lawn area in a minimum of 3 gals. of water. Water grass thoroughly after application with a minimum of 1/2 inch water. For best grub control, make application after adults have ceased egg laying - usually late summer. For mole crickets, apply in spring when nymphs are small. For bluegrass weevil, apply in spring when damage is first noticed. Make only one application per year.

Chinch bugs, cutworms, sod webworms, and armyworms: Apply 0.75 fl. oz. per 1,000 sq. ft. of lawn area in a minimum of 3 gals. of water. Water grass thoroughly after application with a minimum of 1/2 inch water. Make applications at first signs of pest damage. Repeat application in a minimum of 60 days if needed. Do not exceed two applications in one year.

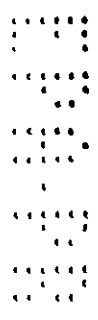
Storage and Disposal

Do not store in or around the home. Do not store below 0°F. Do not contaminate water, food, or feed by storage or disposal.

Pesticide: Wastes resulting from use of this product are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container: Triple rinse (or equivalent). Then offer container for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or burn if allowed by state and local authorities. Stay out of smoke from burning container.

<p><u>Precautionary Statements</u></p> <p><u>Hazards to Humans and Domestic Animals</u></p> <p style="text-align: center;">WARNING</p> <p>May be fatal if swallowed, inhaled, or absorbed through the skin. Do not get on skin or clothing. Do not breathe vapors or spray mist. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. Remove contaminated clothing and wash before reuse.</p> <p><u>Statement of Practical Treatment</u></p> <p><u>If swallowed:</u> Call a physician or poison control center immediately. DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, do so under medical supervision. Give victim one or two</p> <p style="text-align: right;">Continued ... 5</p>
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glasses of water and induce vomiting by touching back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth unless exposure was due to swallowing; then use cardiopulmonary resuscitation (CPR). Get medical attention.

If on skin: Remove contaminated clothing, and wash skin with plenty of soap and water. Get medical attention.

If in eyes: Flush immediately with plenty of water. Get medical attention if irritation persists.

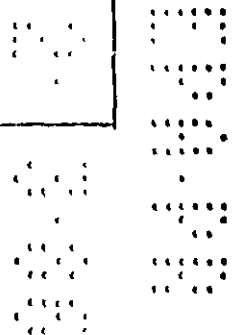
Note to Physician: Lavage stomach with care to prevent aspiration into lungs. Leave lavage tube in place. Make a thin water slurry of activated charcoal with 30 grams of charcoal in 3-4 oz. of water. Instill the slurry through the lavage tube into the stomach and leave slurry in place. Atropine sulfate and 2-PAM are specific antidotes. Morphine, theophylline, aminophylline, and large amounts of intravenous fluids are contraindicated.

Environmental Hazards

This pesticide is highly toxic to fish and aquatic invertebrates. Use with care when applying in areas frequented by wildlife. Water grass thoroughly after application. Discontinue watering before puddles or runoff occur. Do not apply where direct runoff may occur into ponds, lakes or streams. Do not apply to any areas which are adjacent to biologically active bodies of water. Do not apply directly to water or wetlands. Do not apply when weather conditions favor drift or runoff from treated areas. Cover, disc, or incorporate spill areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical or Chemical Hazards

Do not use or store near heat or open flame.



Triumph® trademark of CIBA-GEIGY for isazofos.

U.S. Patent Nos. 3,867,396; 3,932,629

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Agricultural Division
CIBA-GEIGY Corporation
Greensboro, North Carolina 27419

CGA 48L7

	November 4, 1983
Revised	April 17, 1984
Revised	May 1, 1984
Revised	July 6, 1984
Revised	November 21, 1984
Revised	January 15, 1986
Revised	January 29, 1986

