

PM 22 100-826

1997



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number: 100-826
Date of Issuance: FEB 25 1997
Term of Issuance: Conditional

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name of Pesticide Product:
Dividend XL RTA

Name and Address of Registrant (include ZIP Code):

Gregory T. Peters
Ciba-Geigy Corporation
Ciba Crop Protection
P.O. Box 18300
Greensboro, NC 27419-8300

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 sec. 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required of your product under FIFRA section 4.
2. Add the phrase "EPA Registration No. 100-826" to your label before you release the product for shipment.
3. Submit one (1) copy 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.
4. Make the following labeling changes:

The Restricted Entry Interval must be changed to 48 hours due to the presence of mefenoxam in the formulation.

Continued on page 2

Signature of Approving Official: *[Signature]*

Date: FEB 25 1997

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Page 2

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5. Follow the repackaging instruction we provided in the letter to you dated December 20, 1996. (copy enclosed)
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 your label is enclosed for your records.

Sincerely yours,

Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosures

BEST AVAILABLE COPY

Base Label
(For 2 1/2 Gallons)

Dividend® XL RTA
FUNGICIDE

A seed treatment for control of diseases of wheat

Active Ingredients:

Difenoconazole: [(2S,4R)/(2R,4S)]/[(2R,4R/2S,4S)] 1-[2-[4-(4-chlorophenoxy)-2-chlorophenyl]-4- methyl-1,3-dioxolan-2-yl-methyl]-1H-1,2,4-triazole	3.21%
(R)-[(2,6-dimethylphenyl)-methoxyacetyl-amino]- propionic acid methyl ester	0.27%

Inert Ingredients:	96.52%
Total:	100.00%

Dividend XL RTA contains 0.31 lbs. difenoconazole and 0.025 lbs. (R)-[(2-6-dimethylphenyl)-methoxyacetyl-amino]-propionic acid methyl ester per gallon.

See directions for use in attached booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-826

EPA Est. 5905-GA-1

2 1/2 Gallons

U.S. Standard Measure

KEEP OUT OF REACH OF CHILDREN.

CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

Harmful if absorbed through skin. Avoid contact with skin, eyes, or cloth-

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

FEB 25 1997

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

100-826

ing. Wear long-sleeved shirt and long pants; socks and shoes, and waterproof gloves. Wash thoroughly with soap and water after handling.

Statement of Practical Treatment

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

Note to Physician: If ingested, induce emesis or administer an aqueous slurry of activated charcoal. Treat symptomatically.

Environmental Hazards

This product is toxic to fish and 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. Do not contaminate water when disposing of equipment wash waters or rinsate.

If treated seed is spilled outdoors or in areas accessible to birds, promptly clean up or bury to prevent ingestion.

Container Disposal

Do not reuse empty container. Triple rinse (or equivalent), and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

Dividend® trademark of Ciba-Geigy Corporation
U.S. Patent No. 5,266,585

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Ciba Crop Protection
Seed Treatment Products
Ciba-Geigy Corporation
Greensboro, North Carolina 27419

CGA 197L1 027 (2½ gals.)

[QUARK/DIVIDEND XL RTA/DIVXLRTA-BKLT] - ccg - 2/12/97

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Booklet Label

Dividend® XL RTA

FUNGICIDE

A seed treatment for control of diseases of wheat

Active Ingredients:

Difenoconazole: [(2S,4R)/(2R,4S)]/[(2R,4R/2S,4S)]
 1-{2-[4-(4-chlorophenoxy)-2-chlorophenyl]-4-
 methyl-1,3-dioxolan-2-yl-methyl}-1H-1,2,4-triazole 3.21%
 (R)-[(2,6-dimethylphenyl)-methoxyacetylamino]-
 propionic acid methyl ester 0.27%

Inert Ingredients: 96.52%
 Total: 100.00%

Dividend XL RTA contains 0.31 lbs. difenoconazole and 0.025 lbs. (R)-[(2-6-dimethylphenyl)-methoxyacetylamino]-propionic acid methyl ester per gallon.

2½ Gallons
U. S. Standard Measure

_____ Gallons
U.S. Standard Measure

EPA Reg. No. 100-826

(For 2½ Gallons)
EPA Est. 5905-GA-1

(For _____ Gallons)
EPA Est. _____

ACCEPTED
with COMMENTS
In EPA Letter Dated
FEB 25 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
100-826

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

CGA 197L1 027 (2½ gals.)
CGA 197L2 027 (_____ gals.)

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. If terms are not acceptable, return the unopened product container at once.

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.

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.

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. Exception: If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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, wear: coveralls, socks plus shoes, and waterproof gloves.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.

General Information

Dividend XL RTA is a systemic seed dressing that controls or suppresses certain seed-borne, soil-borne, and fall foliar diseases of wheat. It is a mixture of Dividend and Apron XL LS. Apron XL LS provides Pythium damping-off activity and Dividend provides activity on the remaining diseases claimed on this label. An EPA-approved coloring agent, Pigment Red 48 has been added to the formulation.

Note: Apron XL LS is a systemic fungicide having a specific mode of action. Apron XL LS could be subject to development of insensitive strains of fungi. Development of insensitivity cannot be predicted. Therefore, Ciba-Geigy cannot assume liability for crop damage resulting from insensitive strains of fungi. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible Apron XL LS insensitive strains of fungi which may occur.

Mixing Procedures

Dividend XL RTA is especially formulated for on-farm treatment using standard mechanical slurry or mist type seed treatment equipment which accurately meters and mixes a flowable seed treatment. The equipment must provide uniform coverage of Dividend XL RTA on the seed. Uneven seed coverage may not give the desired level of disease control. This product does not require the addition of water for application. Consult the manufacturer of the application equipment you plan to use for suitability for this application and for instructions on operation and calibration of the equipment.

Wheat

Apply Dividend XL RTA to wheat seed at the rates given in the following table:

Winter Wheat

Rate/CWT	Diseases Controlled	Fall Season Foliar Diseases Controlled ¹	Diseases Partially Controlled ²
10 fl. oz.	Common Bunt ³ , Dwarf Bunt, Loose Smut, Flag Smut, Seed-borne Septoria, General Seed Rots ⁴ , Fusarium Seed Scab Pythium Damping-Off	Fall Season Powdery Mildew, Fall Season Leaf Rust, Fall Season Septoria Leaf Blotch	Common Root Rot (<i>Cochliobolus</i> spp.), Fusarium Root Rot, Fusarium Crown Rot, Take-All
5 fl. oz.	Common Bunt ³ , Dwarf Bunt, Flag Smut, Seed-borne Septoria, Loose Smut, General Seed Rots ⁴ , Fusarium Seed Scab Pythium Damping-Off		Common Root Rot (<i>Cochliobolus</i> spp.)
2.5 fl. oz. ⁵	Common Bunt, Loose Smut		

¹Dividend XL RTA provides control of fall season powdery mildew, fall season leaf rust, and fall season Septoria leaf blotch in winter wheat for the first 6 weeks after planting. For full season control of these foliar diseases, use Tilt® fungicide according to label instructions.

²Partial control can either mean erratic control from good to poor or consistent control at a level below that generally considered acceptable for commercial disease control.

³Dividend XL RTA controls both seed-borne and soil-borne common bunt.

⁴General seed rots controlled include those caused by saprophytic organisms such as *Penicillium* and *Aspergillus*.

⁵The 2.5 fl. oz. rate should only be used in the following states: TX, OK, KS, CO, MO, NE, ND, SD, MN, MT.

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Spring Wheat

Rate/CWT	Diseases Controlled	Diseases Partially Controlled ⁴
10 fl. oz.	Common Bunt ¹ , Loose Smut, Flag Smut, Seed-borne Septoria, General Seed Rots ² , Fusarium Seed Scab, Pythium Damping-Off	Take-All, Common Root Rot
5 fl. oz.	Common Bunt ¹ , Seed-borne Septoria, Loose Smut, General Seed Rots ² , Fusarium Seed Scab Pythium Damping-Off	Common Root Rot (<i>Cochliobolus</i> spp.)
2.5 fl. oz. ³	Common Bunt, Loose Smut, Fusarium Seed Scab	

¹Dividend XL RTA controls both seed-borne and soil-borne common bunt.

²General seed rots controlled include those caused by saprophytic organisms such as *Penicillium* and *Aspergillus*.

³The 2.5 fl. oz. rate should only be used in the following states: TX, OK, KS, CO, MO, NE, ND, SD, MN, MT.

⁴Partial control can either mean erratic control from good to poor or consistent control at a level below that generally considered acceptable for commercial disease control.

Important: (1) Do not use treated seed for feed, food, or oil. (2) Green forage may not be grazed until 55 days after planting. (3) Do not plant any crop other than wheat within 30 days to fields in which treated seeds were planted.

Note: Federal law requires that bags containing treated seeds shall be labeled with the following information: "This seed has been treated with difenoconazole fungicide. Do not use for feed, food, or oil purposes. Store away from feeds and foodstuffs. Green forage may not be grazed until 55 days after planting. Do not plant any crop other than wheat within 30 days in fields in which treated seeds were planted."

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Storage and Disposal

Pesticide Storage and Disposal

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

(For 2 1/2 Gallons)

Container Disposal

Do not reuse empty container. Triple rinse (or equivalent), and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

(For ____ gallons)

Container Refilling and Disposal

Thoroughly clean container before reuse **unless** this is a Ciba Geigy refillable container. If this is a Ciba-Geigy refillable container, and is to be refilled, do not rinse or introduce any pesticide other than Dividend XL RTA. Reseal and return the container to an authorized Ciba-Geigy refilling facility. If the Ciba-Geigy container is not to be refilled, triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by open burning if allowed by state and local authorities. If burned, keep out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800 888 8372, day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wear long sleeved shirt and long pants, socks and shoes, and waterproof gloves. Wash thoroughly with soap and water after handling.

Statement of Practical Treatment

If on skin: Wash with plenty of soap and water. Get medical attention if

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irritation persists.

Note to Physician: If ingested, induce emesis or administer an aqueous slurry of activated charcoal. Treat symptomatically.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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.

Environmental Hazards

This product is toxic to fish and 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. Do not contaminate water when disposing of equipment wash waters or rinsate.

If treated seed is spilled outdoors or in areas accessible to birds, promptly clean up or bury to prevent ingestion.

Apron®, Dividend®, and Tilt® trademarks of Ciba-Geigy Corporation
U.S. Patent No. 5,266,585

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Ciba Crop Protection
Seed Treatment Products
Ciba Geigy Corporation
Greensboro North Carolina 27419

CGA 197L1 027 (2 1/2 gals)
CGA 197L2 027 (15 gals)

[QUARK\DIVIDEND XL RTA DIVXLR TA BKLT] ccg 2/12/97

14017

(_____ Gallon Refillable)
Pressure-Sensitive Label

Dividend® XL RTA
FUNGICIDE

A seed treatment for control of diseases of wheat

Active Ingredients:

Difenoconazole: [(2S,4R)/(2R,4S)]/[(2R,4R/2S,4S)] 1-[2-[4-(4-chlorophenoxy)-2-chlorophenyl]-4- methyl-1,3-dioxolan-2-yl-methyl]-1H-1,2,4-triazole321%
(R)-[(2,6-dimethylphenyl)-methoxyacetylamino]- propionic acid methyl ester027%

Inert Ingredients:	96.52%
Total:	100.00%

Dividend XL RTA contains 0.31 lbs. difenoconazole and 0.025 lbs. (R)-[(2-6-dimethylphenyl)-methoxyacetylamino]-propionic acid methyl ester per gallon.

EPA Reg. No. 100-826

EPA Est. _____

_____ Gallons
U. S. Standard Measure

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements at end of label.

**ACCEPTED
with COMMENTS
In EPA Letter Dated
FEB 25 1997**

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

100-826

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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. If terms are not acceptable, return the unopened product container at once.

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.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wear long-sleeved shirt and long pants, socks and shoes, and waterproof gloves. Wash thoroughly with soap and water after handling.

Statement of Practical Treatment

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

Note to Physician: If ingested, induce emesis or administer an aqueous slurry of activated charcoal. Treat symptomatically.

Environmental Hazards

This product is toxic to fish and 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. Do not contaminate water when disposing of equipment wash waters or rinsates.

If treated seed is spilled outdoors or in areas accessible to birds, promptly clean up or bury to prevent ingestion.

Container Refilling and Disposal

Thoroughly clean container before reuse **unless** this is a Ciba-Geigy refillable container. If this is a Ciba-Geigy refillable container, and is to be refilled, do not rinse or introduce any pesticide other than Dividend XL RTA. Reseal and return the container to an authorized Ciba-Geigy refilling facility. If the Ciba-Geigy container is not to be refilled, triple rinse (or equivalent), and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by open burning if allowed by state and local authorities. If burned, keep out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

To be used in accordance with directions for use in the Dividend XL RTA label booklet.

See Dividend XL RTA label booklet for pesticide disposal instructions.

<p>AGRICULTURAL USE REQUIREMENTS</p> <p>Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.</p>
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Dividend® trademark of Ciba-Geigy Corporation
U.S. Patent No. 5,266,585

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Ciba Crop Protection
Seed Treatment Products
Ciba-Geigy Corporation
Greensboro, North Carolina 27419

CGA 197L3 027

[QUARK/DIVIDEND XL RTA/DIVXLRTA-15-PSL] - CCG - 2/12/97