



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

EPA Reg. Number:
100-777

Date of Issuance:
Jun 5 1995

Term of Issuance:
Conditional

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

(under FIFRA, as amended)

Name of Pesticide Product:
Dividend 0.15 FS
Fungicide

Name and Address of Registrant (include ZIP Code):

Ciba-Geigy Corporation
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 by December 31, 1998 the following Studies conducted on accordance with the Good Laboratory Practice Standards, 40 CFR Part 160 and appropriate test guidelines as referenced in EPA's Data Requirements for Registration Regulations, 40 CFR Part 158:
 - a. Storage Stability of Difenconazole in other Raw Agricultural Commodities [GLN 171-4(e)]
 - b. Additional Wheat Field Residue Trials [GLN 171-4(k)].
2. Make the following label changes listed below before you release the product for shipment:
 - a. Add the phrase, "EPA Reg. No. 100-777".

Signature of Approving Official:
JWS

Date:

page 2
EPA Reg. No. 100-777

2. PR Notice 82-1 requires language similar to the following for Apron tank mix directions for use:

This product can be mixed with _____
(chemical name, including percentage of active ingredient and type of formulation or specific product name, or both) for use on _____ (crops/sites) in accordance with the more (most) restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

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.

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.

James M. Stone
Acting Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

3 of 17
Highlighted
Label

(15 Gallon Refillable)
Pressure-Sensitive Label

Dividend® 0.15 FS
FUNGICIDE

A seed treatment for control of diseases of wheat

Active Ingredient:	
[(2S,4R)/(2R,4S)]/[(2R,4R/2S,4S)]	
1-{2-[4-(4-chlorophenoxy)-2-chlorophenyl]-4-	
<u>methyl-1,3-dioxolan-2-yl-methyl}</u> -1H-1,2,4-triazole 1.54%
<u>Inert Ingredients:</u>	<u>98.46%</u>
<u>Total:</u>	<u>100.00%</u>

See additional precautionary statements at end of label.

EPA Reg. No. 100-

EPA Est.
EPA Est. 5905-GA-01*

(Superscript is first letter of lot number on container)

15 Gallons
U.S. Standard Measure

KEEP OUT OF REACH OF CHILDREN.

CAUTION

ACCEPTED
with COMMENTS
In EPA Letter Dated:

for the Federal Insecticide
Fungicide, and Fertilizer Act
of 1947, for the purpose of the
pesticide under EPA Reg. No.

100-777

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 the 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

CAUTION

Hazards to Humans and Domestic Animals

Causes moderate eye irritation. Avoid contact with eyes or clothing. Harmful if inhaled or absorbed through skin. Avoid breathing vapor or spray mist.

Statement of Practical Treatment

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

If inhaled: Move victim to fresh air.

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

Note to Physician: If ingested, induce emesis or lavage stomach. 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)(4-61)], 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 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

This is a refillable container. If the container is to be refilled, do not rinse with any material or introduce any pesticide other than Dividend. Reseal and return the container to an authorized Ciba-Geigy refilling facility. If the 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.

To be used in accordance with directions for use in Dividend label booklet. See Dividend label booklet for pesticide disposal instructions.

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.

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 128L20 (15 gals.)

Product ID.:

January 19, 1995 - Initial
label 0.15 FS on-farm
formulations

[GANNONC.LABELD\LBL-D-MS-WORD]DIV015-A - 5/18/95

7 7 17
Highlighted
label

WPS

Booklet Master Label

Dividend® 0.15 FS
Fungicide

A seed treatment for control of diseases of wheat

Active Ingredient:

[(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 ...	1.54%
Inert Ingredients:	98.46%
<u>Total:</u>	<u>100.00%</u>

2 1/2 Gallons
U.S. Standard Measure

5 Gallons
U. S. Standard Measure

15 Gallons
U. S. Standard Measure

KEEP OUT OF REACH OF CHILDREN.

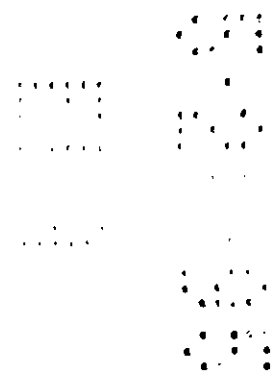
CAUTION

See additional precautionary statements and directions for use
inside booklet.

EPA Reg. No. 100-

EPA Est.
EPA Est. 5905-GA-01ⁿ
(Superscript is first letter of
first number on container
15, 30 gals.)

CGA 128L18 (2 1/2 gals.)
CGA 128L12 (5 gals.)
CGA 128L13 (15 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 the 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.

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
- Waterproof gloves
- Shoes plus socks

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 0.15 FS is a systemic seed dressing which controls or suppresses certain seed-borne and soil-borne diseases of wheat. An EPA-approved coloring agent, Pigment Red 48, has been added to the formulation.

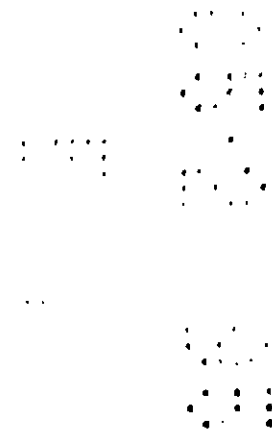
Mixing Procedures

Dividend 0.15 FS 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 0.15 FS 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 to wheat seed at the rates given in the following table for control of common bunt (seed-borne and soil-borne), dwarf bunt, loose smut, flag smut, general seed rots, and seed-borne Septoria; and for partial control of take-all, Fusarium root and crown rot, and common root rot.

For control of damping-off of wheat caused by Pythium spp. use an Apron flowable or wetttable powder seed treatment product at 0.032 oz. active ingredient per 100 lbs. of seed (2 g active ingredient/100 kg of seed) tank mixed with the recommended rates of Dividend. Follow application and other instructions found on the Apron product label.



**DIVIDEND
Winter Wheat**

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

¹Partial control can either mean erratic control from good to poor or consistent level below that generally considered acceptable for commercial disease control.

²Dividend 0.15 FS controls both seed-borne and soil-borne common bunt.

³General seed rots controlled include those caused by saprophytic organisms such as *Aspergillus*.

⁴The 5 fl. oz. rate should only be used in the following states: TX, OK, KS, SD, MN, MT.

	Loose Smut General Seed Rots ² Fusarium Seed Scab	spp.)
5 fl. oz. ³	Common Bunt Loose Smut Fusarium Seed Scab	

¹Dividend 0.15 FS controls both seed-borne and soil-borne common bunt.

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

³The 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 one year to fields 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." If necessary, use with an EPA-approved dye or colorant that imparts an unnatural color to the seed.

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 and 5 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 15 Gallons)

Container Refilling and Disposal

Refer to label on container for refilling and disposal instructions.

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

Causes moderate eye irritation. Avoid contact with eyes or clothing. Harmful if inhaled or absorbed through skin. Avoid breathing vapor or spray mist.

Statement of Practical Treatment

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

If inhaled: Move victim to fresh air.

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

Note to Physician: If ingested, induce emesis or lavage stomach. 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 used 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)(4-61)], 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 rinsates.

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

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 128L18 (2 1/2 gals.)
CGA 128L12 (5 gals.)
CGA 128L13 (15 gals.)

[GANNONC.LABELD\LBL-D-MS-WORD]DIV015FS - 5/22/95

Base Label
(For 2 1/2 and 5 Gallons)

Dividend® 0.15 FS
FUNGICIDE

A seed treatment for control of diseases of wheat

Active Ingredient:	
[(2S, 4R)/(2R, 4S)]/[(2R, 4R/2S, 4S)]	
1-{2-[4-(4-chlorophenoxy)-2-chlorophenyl]-4-	
methy-1,3-dioxolan-2-yl-methyl}-1H-1,2,4-triazole 1.54%
Inert Ingredients:	98.46%
Total:	100.00%

See directions for use inside 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-

EPA Est.

EPA Est. 5905-GA-01^h

(Superscript is first letter of lot number on container)

2 1/2 Gallons
U.S. Standard Measure

5 Gallons
U.S. Standard Measure

KEEP OUT OF REACH OF CHILDREN.

CAUTION

Precautionary Statements

CAUTION

Hazards to Humans and Domestic Animals

Causes moderate eye irritation. Avoid contact with eyes or clothing. Harmful if inhaled or absorbed through skin. Avoid breathing vapor or spray mist.

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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

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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 128L18 (2 1/2 gals.) Product ID.:
CGA 128L12 (5 gals.) Product ID.:

January 19, 1995 - Initial
label 0.15 FS on-farm
formulations

[GANNONC.LABELD\LBL-D-MS-WORD]DIV015FS - 5/22/95