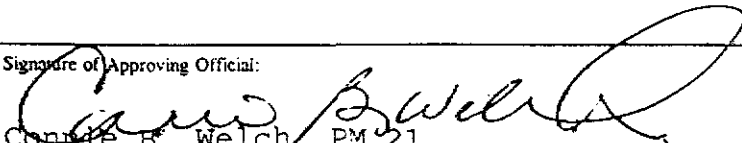
 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p style="text-align: center;">NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 100-769	Date of Issuance: FEB 18 1997
	Term of Issuance: Conditional	
	Name of Pesticide Product: Medallion™ Fungicide	
Name and Address of Registrant (include ZIP Code): Ciba-Geigy Corporation P. O. Box 18300 Greensboro, NC 27419-8300		
<p>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.</p> <p>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.</p> <p>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.</p> <p>This product is conditionally registered for use on ornamentals grown in containers, greenhouses and other enclosed structures in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. 2. Perform a confirmatory test <u>in vivo</u> specifically looking for aneuploidy (in light of the powerful induction of polyploidy in the <u>in vivo</u> Chinese hamster ovary cell cytogenic assay). This confirmatory test is due 3 years from the date of registration on this form. 3. Perform a repeat <u>in vivo</u> rat hepatocyte study. This study is due 3 years from the date of registration on this form. 4. It is suggested that the chemigation directions for use include the label statements for chemigation systems connected to public water systems. It appears that a majority of the sites listed would normally be connected to public water systems. 		
Signature of Approving Official:  Constance B. Welch, PM 21	Date: 2/18/97	

Medallion (100-769)

5. Submit five copies of the final printed label for the record.

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.

The science review and a stamped copy of the label are enclosed for your records.

BEST AVAILABLE COPY

3/14
Highly

ACCEPTED
with COMMENTS
in EPA Letter Dated

Labelmaster Booklet
(Front Cover)

FEB 18 1997

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

100-719

plantPak™

Medallion™
FUNGICIDE

For control of certain foliar and soilborne diseases in ornamentals grown in containers,
greenhouses and other enclosed structures, or for ornamentals used for indoor landscaping
(interiorscapes).

Active Ingredient:

4-(2,2-difluoro-1,3-benzodioxol

-4-yl)-1H-pyrrole-3-carbonitrile. 50%

Inert Ingredients: 50%

Total 100%

Medallion is a wettable powder.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-
EPA Est.

This outer protective container contains Medallion in eight inner water soluble packets. These inner packets dissolve in water, allowing contents to wet. To open, remove lid, then pull tab back to expose packets. Immediately dump the required number of unopened inner packets into the partially filled sprayer or mix tank. Do not handle the soluble packets or expose them to moisture, since this may cause rupturing. When not using the entire number of packets in this container, reclose the container by replacing the protective seal and lid.

8 x 1 oz. Water Soluble Packets
Total One Half Pound
Net Weight

Do not offer individual packets for sale.

Ciba (logo)

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Ciba Crop Protection
Turf and Ornamental Products
Ciba-Geigy Corporation
Greensboro, NC 27419

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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 unacceptable, 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.

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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. 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.

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

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

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

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General Information

Mixing Instructions

Prepare no more mixture than is needed for the immediate operation. Thoroughly clean the spray equipment before using Medallion. Vigorous agitation is necessary to maintain uniformity of the spray mixture. Maintain maximum agitation throughout the spraying operation. It is not recommended that the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

Note: Do not use with oils or adjuvants.

Medallion Alone: Add 1/3 of the required amount of water to the spray or mixing tank. With the agitator running, drop the required number of **unopened** soluble packets of Medallion into the spray tank all at once. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the packets have dissolved, and the material has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

Medallion + Tank Mixtures: Medallion is usually compatible with Subdue®, Subdue® II, and other commonly used fungicides or insecticides.

Add 1/3 of the required amount of water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble packets of Medallion into the tank all at once. If tank mixing with Subdue II, drop the required number of **unopened** soluble packets of Subdue II into the tank before adding the remainder of the water. Continue agitation while adding the remainder of the water. Allow the packets of Medallion to dissolve and the product to completely disperse into the mix water. Then add the desired amount of other products recommended for tank mixture and allow them to become completely dispersed. Continue agitation to maintain a uniform suspension until all of the spray solution has been applied.

Note: Do not let the spray mixture stand overnight in the spray tank. Rinse the spray tank at the end of the day.

Precaution: Water soluble packets of Medallion must be completely dissolved and dispersed in water before any other tank mix partner, including micronutrients or other liquid or dry fertilizers, are added to the spray solution.

If using Medallion in a tank mixture, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix product label. No label dosage rate should be exceeded and the most restrictive label precautions and limitations should be followed. This product should not be mixed with any product which prohibits such mixing. Tank mixtures are permitted only in those states where the tank mix partner is registered.

Application Instructions for Use in Irrigation Systems

Overhead, Microjet or Drip Irrigation Application: Medallion alone or in tank mixture with other pesticides which are registered for overhead, microjet, or drip application may be applied in irrigation water at rates recommended on this label. Apply this product only through an overhead, microjet, or drip irrigation system. Do not apply this product through any other type of irrigation system. Plant injury or lack of effectiveness can result from nonuniform distribution of treated

water. If you have questions about calibration, you should contact State Extension specialists, equipment manufacturers, or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Operation Instructions

1. The system must contain a functional check-valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment. Avoid spray overlap as injury may result.
8. Prepare a mixture with a minimum of 1 gal. of water to one packet of Medallion and inject this mixture into the system. Injecting a larger volume of a more dilute mixture per hour will usually provide more accurate calibration of metering equipment. Maintain sufficient agitation to keep the fungicide in suspension.
9. Meter into irrigation water during the beginning of the irrigation cycle.
10. With overhead or microjet systems, apply additional water after irrigation is completed to remove residues from the foliage. Apply enough supplemental water to set the root zones of the plants.

Precaution for irrigation applications: Where distribution patterns do not overlap sufficiently, unacceptable control may result. Where distribution patterns overlap excessively, injury to desirable plants may result.

Medallion is a protectant fungicide for control of certain foliar and soilborne diseases in ornamentals grown in containers, greenhouses and other enclosed structures, ~~or for ornamentals used for indoor landscaping (interiorscapes)~~. Medallion controls damping-off and root and stem rot diseases caused by *Rhizoctonia*. For control of other damping-off and root and stem rot diseases caused by *Pythium* spp. and *Phytophthora* spp., use Subdue or Subdue II. Use Medallion as a soil drench on ornamentals at the time of seeding or transplanting, or on established plants. Medallion can also be used as a foliar spray for control of *Botrytis* spp. and foliar *Rhizoctonia* spp.; apply Medallion as a foliar spray only to ornamentals grown in greenhouses or other enclosed structures.

NOTICE TO USER: Plant tolerance to Medallion has been found to be acceptable for the specific genera and species listed on this label. Due to the large number of species and varieties of ornamentals and nursery plants, it is impossible to test every one for tolerance to Medallion. Neither the Manufacturer nor the Seller has determined whether or not Medallion can be used safely on ornamental plants not specified on this label. The professional user should determine if Medallion can be used safely prior to commercial use. In a small area, test the recommended rates on unlabeled plants for phytotoxicity prior to widespread use.

SOIL DRENCH

At Seeding (Celosia, Impatiens, Marigold, Zinnia)

For control of soilborne *Rhizoctonia* spp., mix 1 packet/100 gals. of water. Apply sufficient solution to thoroughly wet the growing media (up to a maximum of 1 pt./sq. ft.). Make only one application to the seedling crop prior to transplanting or transfer to larger containers.

Transplants and Cuttings (Marigold, Poinsettia, Pothos)

For the control of soilborne *Rhizoctonia* spp., mix 2-4 packets/100 gals. of water. Apply sufficient solution to thoroughly wet the growing media (up to a maximum of 1 pt./sq. ft.). If needed, retreat transplants and cuttings with Medallion 21-28 days after the initial application.

Under severe disease conditions, use the higher rate on these ornamentals.

FOLIAR SPRAY

Under severe disease conditions, use the higher rate on these ornamentals.

***Rhizoctonia* spp. (Poinsettia, Pothos)**

For control of foliar diseases caused by *Rhizoctonia* spp., mix 4-8 packets/100 gals. of water. Spray to runoff. Repeat applications at 7-14 day intervals. Do not apply to poinsettia after bract formation.

***Botrytis* spp. (Cyclamen, Impatiens, Marigold)**

For control of foliar diseases caused by *Botrytis* spp., mix 12-16 packets/100 gals. of water. Spray to runoff. Repeat applications at 7-14 day intervals.

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Botrytis spp. (Cyclamen, Impatiens, Marigold)

For control of foliar diseases caused by Botrytis spp., mix 12-16 packets/100 gals. of water. Spray to runoff. Repeat applications at 7-14 day intervals.

IMPORTANT: (1) DO NOT APPLY MEDALLION TO GERANIUM (*PELARGONIUM* SPP.). (2) APPLY MEDALLION AS A FOLIAR SPRAY ONLY TO ORNAMENTALS GROWN IN THE GREENHOUSE OR OTHER ENCLOSED STRUCTURES.

Storage and Disposal

Storage - Store in a cool, dry place. Do not store this product under wet conditions. Handle outer container carefully to avoid breakage of inner soluble packets.

Pesticide Disposal - Do not contaminate water, food, or feed by storage or disposal, or cleaning of equipment. Improper disposal of unused pesticide, spray mixture or rinse water is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to federal, state or local procedures. If these wastes cannot be used 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 in proper disposal methods.

Container Disposal - Do not reuse outer container. Dispose of empty outer container 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 clean up procedures and disposal of wastes. In the event of a major spill, fire or other emergency, call 1-800-888-8372 day or night.

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Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Harmful if absorbed thorough skin. Avoid contact with eyes, skin, or clothing.

Statement of Practical Treatment

If in eyes: Flush with plenty of water. Call a physician if irritation persists.

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

If swallowed: Immediately drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician or Poison Control Center.

If inhaled: Move to fresh air.

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
- Waterproof gloves
- 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.

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.

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Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or 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.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

Medallion™, Subdue®, and plantPak™ trademarks of Ciba-Geigy Corporation
U.S. Patent No. 4,151,299, 4,705,800

Ciba Crop Protection
Turf and Ornamental Products
Ciba-Geigy Corporation
Greensboro, NC 27419

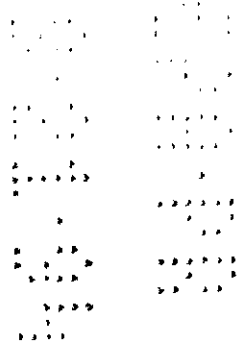
CGA

Product ID:

Initial Registration:

This booklet manufactured using post-consumer, recycled paper.

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12/14

TUB LID LABEL (PREPRINTED)**Medallion™
FUNGICIDE**

For control of certain foliar and soilborne diseases in ornamentals grown in containers, greenhouses and other enclosed structures, or for ornamentals used for indoor landscaping (interiorscapes).

Active Ingredient:

4-(2,2-difluoro-1,3-benzodioxol
-4-yl)-1H-pyrrole-3-carbonitrile.....50%

Inert Ingredients:.....50%

Total.....100%

Medallion is a wettable powder.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and 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-
EPA Est.

This outer protective container contains Medallion in eight inner water soluble packets. These inner packets dissolve in water, allowing contents to wet. To open, remove lid, then pull tab back to expose packets. Immediately dump the required number of unopened inner packets into the partially filled sprayer or mix tank. Do not handle the soluble packets or expose them to moisture, since this may cause rupturing. When not using the entire number of packets in this container, reclose the container by replacing the protective seal and lid.

8 x 1 oz. Water Soluble Packets
Total One Half Pound
Net Weight

Do not offer individual packets for sale.

Medallion™ trademark of Ciba-Geigy
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BASE LABEL

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Harmful if absorbed thorough skin. Avoid contact with eyes, skin, or clothing.

Statement of Practical Treatment

If in eyes: Flush with plenty of water. Call a physician if irritation persists.

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

If swallowed: Immediately drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician or Poison Control Center.

If inhaled: Move to fresh air.

Note to Physician: If ingested, induce emesis or lavage stomach. Treat symptomatically.

Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or 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.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

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[GANNONC.LABELM-MS-WORD]MEDLN - 9/14/94

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