

PMRA Approved Label
Sub. No. 2004-3555
2013-07-11

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| GROUP | 11 | 27 | FUNGICIDE |
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TANOS® 50 DF FUNGICIDE

DRY FLOWABLE

FOR SALE FOR USE ON POTATOES, FIELD TOMATOES AND CANEBERRIES ONLY

AGRICULTURAL

REGISTRATION NO. 27435 PEST CONTROL PRODUCTS ACT

GUARANTEE: Famoxadone 25%
Cymoxanil 25%

Warning, contains the allergen sulfites.

USE RESTRICTION: Do not apply Tanos® 50 DF Fungicide to more than 100 ha per day.



WARNING – POISON
EYE IRRITANT

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 2.5-5 kg

E. I. DUPONT CANADA COMPANY
AGRICULTURAL PRODUCTS
P.O. BOX 2300, STREETSVILLE
MISSISSAUGA, ONTARIO L5M 2J4
1-800-667-3925

PRECAUTIONS:

- **KEEP OUT OF REACH OF CHILDREN**
- Harmful or fatal if swallowed.
- Avoid contact with food, drink and livestock feed material.
- **May irritate eyes. Avoid contact with eyes.**
- Avoid contact with skin, eyes or clothing.
- Wash thoroughly with soap and water after handling.
- Wear chemical resistant coveralls over long-sleeved shirt and long pants, goggles or face shield and chemical resistant gloves during mixing, loading, application, cleanup and repair.
- Remove contaminated clothing and wash clothing before reuse.
- For potatoes: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. For field tomatoes: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. For caneberries: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 9 days.

FIRST AID:

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

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

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

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

For medical emergencies call 1-800-441-3637 (24 hours).

TOXICOLOGICAL INFORMATION: Treat Symptomatically.

ENVIRONMENTAL HAZARDS

1. Toxic to fish and other aquatic organisms. Observe buffer zones specified in the booklet under Use Rates and Application Instructions.
2. This product is toxic to birds and wild mammals, and is harmful to beneficial arthropods, such as predators and parasitoids.
3. The best available technique which minimizes off-target drift, should be used to reduce effects on wildlife in field boundary.
4. Do not apply to areas that are vulnerable to runoff. If rainfall is imminent, delay spraying.

STORAGE:

Store product closed in original container only. Protect against humid air and water. Not for use or storage in or around the home. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Keep container tightly closed

DISPOSAL:

Do not reuse this container for any purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on the disposal of the unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

The seller warrants that the purchase by the buyer and the use of this product, as such, will not infringe any Canadian patent.

GROUP

11

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DIRECTIONS FOR USE

GENERAL INFORMATION

TANOS® 50 DF Fungicide is a protectant and locally systemic fungicide recommended for use as a spray, for the control of early and late blight on potatoes and field tomatoes.

Apply as a spray with ground or air assisted equipment, except as otherwise directed, using sufficient water to obtain thorough coverage of plants.

Do not apply TANOS® 50 DF Fungicide to more than 100 ha/day.

DO NOT APPLY BY AIR.

DO NOT USE ON GREENHOUSE TOMATOES.

Not for use in home plantings nor once any commercial crop is turned into U-pick, Pick-Your-Own or similar operation.

CROP SAFETY AND VARIETAL SENSITIVITY:

TANOS® 50 DF Fungicide must not be applied to any crop suffering from stress as a result of drought, water logging, low temperatures, insect attacks, nutrient or lime deficiency or other factors reducing crop growth.

INTEGRATED PEST MANAGEMENT:

DuPont recommends the use of Integrated Pest Management (IPM) programs to control pests. This product may be used as part of an integrated Pest Management (IPM) program, which can include biological, cultural, and genetic practices, aimed at preventing economic pest damage. Application of this product should be based on IPM principles and practices including field scouting or other detection methods, correct target pest identification, population monitoring, and treating when blight forecasting models reach locally determined action levels. Consult your provincial extension service, professional consultants or other qualified authorities to determine the appropriate management, cultural practice and treatment threshold levels for the specific crop, geography and diseases.

RESISTANCE MANAGEMENT:

For resistance management, TANOS® 50 DF Fungicide is a group 11 and 27 (famoxadone and cymoxanil) fungicide. Any fungal population may contain individuals naturally resistant to TANOS® 50 DF Fungicide and other group 11 and/or 27 fungicides. The resistant biotypes may dominate the fungal population if these fungicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- ◆ Alternate with fungicides having a different mode of action other than group 11 and 27 after each application of TANOS® 50 DF Fungicide.
- ◆ A maximum of three applications per year
- ◆ Fungicide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
- ◆ Monitor efficacy of all fungicides used in disease management program against the target pathogen and record other factors that may influence fungicide performance and/or disease development.
- ◆ Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and IPM recommendations for specific site and pest problems in the area.
- ◆ For further information or to report suspected resistance, contact your local E. I du Pont Canada Company representative or the E. I. du Pont Canada Company hotline at 1-800-667-3925 for further information

APPLICATION INFORMATION

PESTICIDE HANDLING:

- Calibrate sprayers only with clean water away from the well site.
- Make scheduled checks of spray equipment.
- Ensure accurate measurement of pesticides by all operation employees.
- Mix only enough product for the job at hand.
- Avoid overfilling of spray tank.
- Do not discharge excess material on the soil at a single spot in the field/grove or mixing/loading station.
- Dilute and agitate excess solution and apply at labelled rates/uses.
- Do not store pesticides near well sites.
- When triple rinsing the pesticide container, ensure the rinsate is added to the spray mix.

MIXING INSTRUCTIONS:

1. Fill the tank 1/4 to 1/3 full of water.
2. While agitating, add the required amount of TANOS® 50 DF Fungicide.
3. Continue agitation until the TANOS® 50 DF Fungicide is fully dispersed, at least 5 minutes.
4. Once the TANOS® 50 DF Fungicide is fully dispersed, maintain agitation and continue filling tank with water. TANOS® 50 DF Fungicide should be thoroughly mixed with water before adding any other material.
5. If the mixture is not continuously agitated, settling will occur. If settling occurs, thoroughly reagituate before using.
6. Apply TANOS® 50 DF Fungicide spray mixture within 12 hours of mixing to avoid product degradation.

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact E.I du Pont Canada Company at 1-800-667-3925 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label. The user assumes the risk of losses that result from the use of tank mixes that do not appear on this label or that are not specifically recommended by E.I du Pont Canada Company.

CROP ROTATION RESTRICTIONS:

Crops that are on the TANOS® 50 DF Fungicide label may be planted back at any time; cereal grains may be planted back following a minimum plantback interval of 30 days; and all other crops may be planted back following a minimum plantback interval of one year.

COMPATIBILITY:

Since formulations may be changed and new ones introduced, it is recommended that users premix a small quantity of a desired tank mix and observe for possible adverse changes (settling out, flocculation, etc.). Avoid mixtures of several materials and very concentrated spray mixtures.

Tank mix solutions containing boron may affect solubility of the product. When using boron containing solutions in a tank mix, follow these procedures:

- Add the correct amount to TANOS® 50 DF Fungicide first
- Introduce boron containing solutions last

APPLICATION TIMINGS:

- Make the first application of TANOS® 50 DF Fungicide following one to two applications of a preventative broad spectrum fungicide such as chlorothalonil or mancozeb.
- Make the second application no less than 12 days after the first; a third application may be made no less than 24 days after the second.
- Apply TANOS® 50 DF Fungicide in a preventative program.
- When using TANOS® 50 DF Fungicide in a fungicide program, a recommendation is to alternate with other fungicides to manage resistance.
- Utilize sufficient water to obtain thorough coverage.
- Ground - Conventional - no less than 250 - 300 l/ha
 - Air assisted - no less than 110 l/ha

RAINFASTNESS:

TANOS® 50 DF Fungicide rapidly penetrates into plant tissues and is rainfast within 12 hours after application.

USE RATES AND APPLICATION INSTRUCTIONS:

| Crop | Disease | Rate (g/ha) | Spray Interval | Maximum No. Applications per year | PHI (days) | REI (hours) |
|--------------|---|-------------|--|-----------------------------------|------------|-------------|
| potato | early blight (<i>Alternaria solani</i>) | 560 - 840 | A minimum 12 day application interval must pass between the 1st and 2nd application of TANOS® 50 DF Fungicide. A minimum 24 day application interval must pass between the 2nd and 3rd application of TANOS® 50DF. Fungicides other than TANOS® 50DF may be used as necessary to protect the crop during these intervals. | 3 | 14 | 24 |
| field tomato | late blight (<i>Phytophthora infestans</i>) | 560 | | | 3 | 12 |

PHI = preharvest interval
REI = restricted entry interval

Do not apply during periods of dead calm or when winds are gusty.

Toxic to fish and other aquatic organisms. Overspray or drift to sensitive habitats must be avoided. A buffer zone of 44 meters is required between the downwind point of direct application and the closest edge of sensitive aquatic habitats such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands. A buffer zone of 23 meters is required between the downwind point of direct application and the closest edge of estuarine/marine habitats. Do not contaminate these habitats when cleaning and rinsing spray equipment or containers.

A maximum of 3 applications per year is recommended for resistance management. Alternate with fungicides having a different mode of action other than group 11 and 27 after each application of TANOS® 50 DF Fungicide. Use ground application only.

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than The E. I. du Pont Canada Company and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. The E. I. du Pont Canada Company itself makes no representation or warranty with respect to product performance (efficacy) and crop tolerance (phytotoxicity) claims for this product when used on the crops listed below. Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold The E. I. du Pont Canada Company harmless from any claims based on efficacy or phytotoxicity in connection with the uses described below.

FOR USE ON CANEBERRIES (including blackberry; raspberry, red and black; wild raspberry; loganberry; cultivars and hybrids of these.):

For control of Caneberry Spur blight (*Dydimella applanata*), cane botrytis (*Botrytis cinerea*), Caneberry anthracnose (*Elsinoe veneta*), and preharvest fruit rot (*Botrytis cinerea*), apply Tanos® 50 DF Fungicide at the rate of 840 grams/hectare. Use a sufficient water volume to ensure thorough coverage of the crop (250-800 L/ha)

Apply to foliage and fruit. A minimum 12 day application interval must pass between the 1st and 2nd application of TANOS® 50 DF Fungicide. A minimum 24 day application interval must pass between the 2nd and 3rd application of TANOS® 50DF Fungicide.

Make no more than 3 applications per year.

Preharvest interval is 9 days.

Restricted entry interval is 9 days.

Use ground equipment only.

Refer to other sections of this label for additional application instructions and/or use precautions.

SPRAY DRIFT MANAGEMENT:

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVOURABLE ENVIRONMENTAL CONDITIONS

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage.

Important factors to consider when trying to minimize the potential for spray drift are:

- a) droplet size (spray volume, pressure and nozzle type)
- b) boom height (minimized above crop)
- c) wind (spray between wind speeds of 5 to 15 kilometres per hour)
- d) temperature and humidity (large droplets reduce evaporation).

SPRAY TANK CLEANOUT:

Prior to application, start with clean, well maintained application equipment. Immediately following application, thoroughly clean all spray equipment to reduce the risk of forming hardened deposits which might become difficult to remove.

Drain spray equipment. Thoroughly rinse sprayer and flush hoses, boom and nozzles with clean water. Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. Do not clean near wells, water sources or desirable vegetation. Dispose of waste rinse water by applying to a portion of the treated field.

STORAGE:

Store product closed in original container only. Protect against humid air and water. Not for use or storage in or around the home. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Keep container tightly closed.

DISPOSAL:

Do not reuse this container for any purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
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The seller warrants that the purchase by the buyer and the use of this product, as such, will not infringe any Canadian patent.

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