

95.04.26

((PAMPHLET))

RONILAN(R) DF

Directions for Use

Contact fungicide for use on snap common
beans and strawberries

BASF

RONILAN(R) DF

Contact fungicide

for use on snap common beans
and strawberries

COMMERCIAL (AGRICULTURAL)

GUARANTEE:

Vinclozolin.....50%

REGISTRATION NO. 22981
PEST CONTROL PRODUCTS ACT

CAUTION POISON

READ THE LABEL BEFORE USING

Net contents: 1 Kg

BASF Canada Inc.
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

(R)Ronilan DF is a registered trademark of BASF AG used under
license by BASF Canada Inc.

GENERAL INFORMATION:

Ronilan DF is a contact fungicide for control of grey mold (*Botrytis* spp.) and *Sclerotinia* spp. on snap common beans and *Botrytis cinerea* on strawberries. Thorough coverage of plant parts prior to infection is essential for effective disease control.

DIRECTIONS FOR USE: BY CROP

Crop and Disease	Application rate	Time of application
Strawberries Fruit rot/ grey mold <i>Botrytis cinerea</i>	2.0 kg/ha	Do not apply more than four times per year. In most cases, sprays are necessary during flowering; beginning of flowering, main flowering period, end of blossoming. Do not apply Ronilan DF within 3 days of harvest.

Thorough spray coverage of the blossoms and developing fruit is essential. For full control of *Botrytis* disease, the following spray program is recommended. The first application should be made no later than 10% primary bloom. The interval between subsequent applications will vary according to weather conditions and resulting disease pressure. As a general guide, four applications should be made during the flowering period to maximize efficacy.

NOTE: Do not enter treated fields within 3 days without protective clothing (see PRECAUTIONS section). If a heavy rainfall occurs any time during this spray schedule or if a wet period (light rain, fog or dew) lasting more than 24 hours occurs, immediate re-treatment is necessary as soon as conditions will allow the spray to dry on the plants.

In order to avoid resistance, treat in spray programs with fungicides which belong to other chemical groups. The blossoms

must be wetted well.

GROUND APPLICATION:

Application of Ronilan DF should be made in not less than 1000 L of spray solution per hectare to obtain a thorough coverage of the developing fruit. An operating pressure of 425-850 kPa is recommended to obtain adequate penetration of the spray through the canopy. Cone-type nozzles are recommended. Spray booms with at least 3 nozzles per row (1 over row: 2 side drops) are recommended).

A 15 m buffer zone must be maintained between areas to be sprayed and aquatic systems.

Restrictions and Limitations for Strawberries:

Do not apply more than a total of 8 kg/ha per year.

Ronilan DF does not control Rhizopus rot of strawberries in the field or in storage.

Crop and Disease	Application rate	Time of application
Snap common bean Pod rot/grey mold (<i>Botrytis cinerea</i>) <i>Sclerotinia sclerotiorum</i>	1.0-1.5* kg/ha	Apply at early bloom and a second application 7 days later at full bloom. Do not apply more than 3 kg/ha of Ronilan DF per season. Ronilan DF may not be applied within 20 days of harvest.

NOTE: Do not enter treated fields within 3 days without protective clothing (see PRECAUTIONS section).

*Use a high rate where conditions are extremely favourable for development of disease (heavy crop canopy, high humidity, and/or excessive rainfall).

MIXING:

1. Calibrate the spray equipment and check nozzle output.
2. Fill the spray tank half full with water.
3. Begin the agitation system and add the appropriate volume of Ronilan DF.
4. Add the remaining volume of water.

NOTE: Agitate continuously to keep the Ronilan DF in suspension.

RESTRICTIONS AND LIMITATIONS:

Do not treat any crops not listed on this label.

Do not mix Ronilan(R) DF with any registered pesticide not specifically recommended on this label.

Do not allow livestock to graze on Ronilan DF treated crop.

Rainfall within 6 hours of application may reduce effectiveness of spray.

When Ronilan DF is NOT applied according to label recommendations, crop injury and poor disease control may result.

WARNING:

Do not exceed recommended or usually applied spray volumes.

Observe recommended or registered application rates.

Do not apply within 6 hours of rainfall.

Do not treat plants at very low temperatures.

Do not apply if rain or frost is expected.

Do not spray to any crops that are subjected to stress from conditions such as hail damage, flooding, drought, etc., wilting plants or plants otherwise under some sort of stress.

PRECAUTIONS:

1. KEEP OUT OF REACH OF CHILDREN.
2. Do not take internally.
3. Avoid inhalation of vapour, dust or spray mist and contact with eyes, skin or clothing.
4. Wash thoroughly after handling and before eating, drinking or smoking.
5.
 - a. Mixers/loaders will wear coveralls over long-sleeved shirt and pants, rubber boots, goggles or face shield and gloves (rubber, PVC, neoprene or nitrile).
 - b. Applicators will wear coveralls over long-sleeved shirt and pants and footwear. Open cab applicators, in addition, will wear rubber boots, goggles or face shield, hat and gloves (rubber, PVC, neoprene, or nitrile). While doing maintenance or repair, applicators will wear coveralls over long-sleeved shirt and pants, rubber boots and gloves (rubber, PVC, neoprene or nitrile).

NOTE: Workers should not enter treated strawberry fields within 3 days of treatment. Workers who must enter the fields within this time period should wear long-sleeved shirt and pants and chemical-resistant gloves.

Treated strawberry fields must be posted with the statement: "WARNING" Area treated with Ronilan DF on (date of application). Workers who must enter treated strawberry fields within 3 days of application should wear long-sleeved shirt and pants, footwear and chemical-resistant gloves."

6. If clothing becomes contaminated, remove and wash separate from household laundry before reuse.
7. Clean spray equipment thoroughly after use.
8. Do not contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.

9. Follow established provincial buffer zone along fish-bearing waters.

FIRST AID INSTRUCTIONS:

IN CASE OF EYE CONTACT:

Flush immediately with flowing water for at least 15 minutes and consult a physician if irritation develops.

IN CASE OF SKIN CONTACT:

Wash with soap and water. Remove contaminated clothing and launder before reuse. Consult a physician if irritation develops.

IF SWALLOWED:

Give two (2) glasses of water, INDUCE VOMITING and consult a physician immediately or contact a poison control centre.

IF INHALED:

Remove person to fresh air. Assist breathing if necessary. Consult a physician immediately.

STORAGE:

1. Store in original, tightly-closed container.
2. Do not ship or store near food, feed, seed or fertilizers.
3. Store in cool, dry, locked, well-ventilated area without floor drain.
4. Freezing will not harm Ronilan DF.

DISPOSAL:

1. Empty container thoroughly into the spray tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.

4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Environmental Protection, Environment Canada.

NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product, and accepts the product on that condition.

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((LABEL))

BASF

RONILAN(R) DF

CONTACT FUNGICIDE

COMMERCIAL (AGRICULTURAL)

GUARANTEE:

Vinclozolin.....50%

REGISTRATION NO. 22981
PEST CONTROL PRODUCTS ACT

CAUTION POISON

READ THE LABEL BEFORE USING

Net contents: 1.0 Kg

BASF Canada Inc.
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

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PRECAUTIONS:

1. KEEP OUT OF REACH OF CHILDREN.
2. Do not take internally.
3. Avoid inhalation of vapour, dust or spray mist and contact with eyes, skin or clothing.
4. Wash thoroughly after handling and before eating, drinking or smoking.
5.
 - a. Mixers/loaders will wear coveralls over long-sleeved shirt and pants, rubber boots, goggles or face shield and gloves (rubber, PVC, neoprene or nitrile).
 - b. Applicators will wear coveralls over long-sleeved shirt and pants and footwear. Open cab applicators, in addition, will wear rubber boots, goggles or face shield, hat and gloves (rubber, PVC, neoprene, or nitrile). While doing maintenance or repair, applicators will wear coveralls over long-sleeved shirt and pants, rubber boots and gloves (rubber, PVC, neoprene or nitrile).

NOTE: Workers should not enter treated strawberry fields within 3 days of treatment. Workers who must enter the fields within this time period should wear long-sleeved shirt and pants and chemical-resistant gloves.

Treated strawberry fields must be posted with the statement: "WARNING" Area treated with Ronilan DF on (date of application). Workers who must enter treated strawberry fields within 3 days of application should wear long-sleeved shirt and pants, footwear and chemical-resistant gloves."

6. If clothing becomes contaminated, remove and wash separate from household laundry before reuse.
7. Clean spray equipment thoroughly after use.
8. Do not contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.
9. Follow established provincial buffer zone along fish-bearing waters.

FIRST AID INSTRUCTIONS:

IN CASE OF EYE CONTACT:

Flush immediately with flowing water for at least 15 minutes and consult a physician if irritation develops.

IN CASE OF SKIN CONTACT:

Wash with soap and water. Remove contaminated clothing and launder before reuse. Consult a physician if irritation develops.

IF SWALLOWED:

Give two (2) glasses of water, INDUCE VOMITING and consult a physician immediately or contact a poison control centre.

IF INHALED:

Remove person to fresh air. Assist breathing if necessary. Consult a physician immediately.

STORAGE:

1. Store in original, tightly-closed container.

2. Do not ship or store near food, feed, seed or fertilizers.
3. Store in cool, dry, locked, well-ventilated area without floor drain.
4. Freezing will not harm Ronilan DF.

DISPOSAL:

1. Empty container thoroughly into the spray tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Environmental Protection, Environment Canada.

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SUPPLEMENTAL LABEL

RONILAN(R) DF

CONTACT FUNGICIDE

COMMERCIAL (AGRICULTURAL)

GUARANTEE:

Vinclozolin.....50%

REGISTRATION NO. 22981
PEST CONTROL PRODUCTS ACT

CAUTION POISON

READ THE LABEL AND BOOKLET BEFORE USING

NET CONTENTS: 1 Kg

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M9W 6N9

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GENERAL INFORMATION:

RONILAN DF is a contact fungicide for control of grey mold (Botrytis spp.) and Sclerotinia spp. on snap common beans. Thorough coverage of plant parts prior to infection is essential for effective disease control.

DIRECTIONS FOR USE:

Crop and Disease	Application rate	Time of application
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Snap common bean Pod rot/grey mold (Botrytis cinerea) Sclerotinia sclerotiorum	1.0-1.5* kg/ha	Apply at early bloom and a second application 7 days later at full bloom. Do not apply more than 3 kg/ha of RONILAN DF per season. RONILAN DF may not be applied within 14 days of harvest.
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NOTE: Do not enter treated fields within 3 days without protective clothing (see PRECAUTIONS section).

*Use a high rate where conditions are extremely favourable for development of disease (heavy crop canopy, high humidity, and/or excessive rainfall).

MIXING:

1. Calibrate the spray equipment and check nozzle output.
2. Fill the spray tank half full with water.
3. Begin the agitation system and add the appropriate volume of RONILAN DF.
4. Add the remaining volume of water.

NOTE: Agitate continuously to keep the RONILAN DF in suspension.

RESTRICTIONS AND LIMITATIONS:

Do not treat any crops not listed on this label.

Do not mix RONILAN(R) DF with any registered pesticide not specifically recommended on this label.

Do not allow livestock to graze on RONILAN DF treated crop.

Rainfall within 6 hours of application may reduce effectiveness of spray.

When RONILAN DF is NOT applied according to label

recommendations, crop injury and poor disease control may result.

WARNING:

Do not exceed recommended or usually applied spray volumes.

Observe recommended or registered application rates.

Do not apply within 6 hours of rainfall.

Do not treat plants at very low temperatures.

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PRECAUTIONS:

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6. If clothing becomes contaminated, remove and wash separate from household laundry before reuse.

7. Clean spray equipment thoroughly after use.
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9. Follow established provincial buffer zone along fish-bearing waters.

FIRST AID INSTRUCTIONS:

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IF SWALLOWED: Give two (2) glasses of water, INDUCE VOMITING and consult a physician immediately or contact a poison control centre.

IF INHALED: Remove person to fresh air. Assist breathing if necessary. Consult a physician immediately.

STORAGE:

1. Store in original, tightly-closed container.
2. Do not ship or store near food, feed, seed or fertilizers.
3. Store in cool, dry, locked, well-ventilated area without floor drain.
4. Freezing will not harm RONILAN DF.

DISPOSAL:

1. Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional

cleaning of the container prior to its disposal.

3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

NOTICE TO USER:

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