

09-DEC-1998

BASF  
RONILAN(R) DF

CONTACT FUNGICIDE FOR USE ON CANOLA (AERIAL APPLICATION ONLY).

NET CONTENTS: 12 Kg

COMMERCIAL (AGRICULTURAL)

GUARANTEE:

Vinclozolin.....50%

REGISTRATION NO. 24078 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

CAUTION POISON

WARNING: Animal studies have demonstrated that the active ingredient in this product can produce adverse effects on the reproductive system and on the developing fetus. Workers, especially women capable of bearing children, should be careful when handling this product. Occupational exposure will be reduced by strict adherence to the handling precautions and use directions provided.

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Ronilan(R) 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 Sclerotinia spp on canola. 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
CANOLA (RAPESEED) Sclerotinia stem rot Sclerotinia Sclerotiorum	0.75-1.0* kg/ha	One treatment at 20-50% flower. This will normally be about 4-8 days after beginning of flowering.

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

#### AERIAL APPLICATION ONLY:

For optimum control apply appropriate rate of Ronilan DF in sufficient water (minimum 40 L of water per ha and 275 kPa pressure) to obtain a thorough coverage of the plant foliage. Apply Ronilan DF using standard aircraft equipment and practices. Ensure continuous agitation in the spray tank until the spray solution is sprayed out. Treat when wind is less than 8 kilometres per hour.

#### MIXING:

- 1) Calibrate the spray equipment and check nozzle output.
- 2) Fill the spray tank half full with water.
- 3) Stop agitation.
- 4) Add the appropriate amount of Ronilan DF.
- 5) Close lid to spray tank.
- 6) Begin agitation until formulation is in suspension.
- 7) Stop agitation, remove lid and add remaining volume of water.
- 8) Close lid and resume agitation. 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 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.

Occupational exposure to this product can be reduced by strictly adhering to the handling precautions and use directions provided.

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. Do not eat, drink or smoke during work. Wash hands and face thoroughly before eating, drinking or smoking.
5. All personnel involved in mixing/loading and applying Ronilan DF must have successfully completed and be certified with the BASF Stewardship Program. Protective clothing must be worn when measuring, mixing, handling product and during equipment cleanup and repairs.
  - a. Mixers/loaders must wear new Tyvek PE coveralls over top of long sleeved shirts, pants and/or cloth coveralls, rubber boots, full face shield and gauntlet-type chemical resistant gloves (rubber, PVC, neoprene or nitrile). The hood of the Tyvek PE coveralls should be worn. New Tyvek PE coveralls should be worn each day. In the event of a splash or drench, contaminated coveralls must be replaced with new Tyvek PE coveralls.
  - b. Aerial applicators must wear long-sleeved shirts and pants. Pilots must wear gloves (rubber, PVC, neoprene or nitrile) when entering the aircraft.
  - c. Flaggers must wear long sleeved shirts, pants and/or cloth coveralls, rubber boots, goggles or full face shield.
6. Gloves: Use gloves (rubber, PVC, neoprene or nitrile) and dispose of if

damaged or after use (disposable). Wash hands thoroughly with soap and water before using a new pair.

7. Protective Equipment: (Non-disposable gloves and face shields) Keep all articles of protective equipment clean. Wash protective equipment and rinse thoroughly before reuse. Tyvek coveralls should be disposed of after use.
8. After spraying, change clothing and wash entire body thoroughly with soap. Wash contaminated work clothing separately from other laundry before reuse.
9. Clean spray equipment thoroughly after use.
10. Do not contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.
11. A 100 m buffer zone must be maintained between areas to be sprayed and aquatic systems.

#### 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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