



**Fungicide with combined contact and systemic properties for the control of Botrytis cinerea in roses**  
**REGISTRATION NO. PCPB(R) 0283**  
 Water dispersible granules  
**GUARANTEE:** Cyprodinil 375 g/kg+Fludioxonil 250 g/kg.  
**COMMERCIAL AND AGRICULTURAL CLASS**  
**KEEP LOCKED OUT OF REACH OF CHILDREN**

**READ THE LABEL AND ATTACHED LEAFLET BEFORE USE**  
**Shelf Life:** At least 2 years from date of manufacture in original unopened containers.  
**NOTICE TO USER:** This pest 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 or store a pest control product under unsafe conditions.  
 ® = registered trademark of a Syngenta Group Company  
**Manufactured by:** Syngenta Crop Protection AG, Basle, Switzerland  
**Distributor:** Syngenta East Africa Ltd  
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MEMBER OF  
 AGROCHEMICALS  
 ASSOCIATION OF KENYA  
 MEMBERSHIP NO. 226



**Colour band: GREEN**



#### Mode of Action

Cyprodinil interferes with the fungal life cycle, mainly during the penetration process and the mycelia growth within the plant tissue. It is quickly taken up by leaves and has good acropetal and translaminar translocation.

Fludioxonil inhibits the germination of conidial and germ tube and mycelial growth of Botrytis cinerea.

SWITCH® combines optimum properties with regard to activity, rainfastness, temperature independence, translocation and deposit of active substances as well as its multiple interference with fungal growths.

**Limitations:** Activity: 2 hours drying time is sufficient for reliable activity

**IPM-Fitness:** It is safe to beneficials, earthworms, bees and birds. It controls fungus resistant to other products and thus contributes to effective disease management. Through the combination of two new and different modes of action, SWITCH® has an in-built anti-resistance system. SWITCH® is therefore suited for IPM programmes.

**Crop Tolerance:** SWITCH® is well tolerated on rose varieties tested on – Orange Unique, Papillon, Leonidas, First Lady, Souvenir. For other varieties and other flowers, carry out a phytotoxicity trial on a small crop area before spraying on a large crop area.

#### Directions for Use

**To avoid risks to man and the environment, comply with the instructions for use.**

Apply SWITCH® upto 3 times per season as part of a spray program. Use high water volume sprays – 1000-2000 lt./ha.

#### Rate:

Roses Botrytis cinerea 80-100 g/100 litres water

Use the lower rate in times of low disease pressure and the high rate in times of high disease pressure.

**Application Timing:** Best results are obtained when SWITCH® is applied at first symptoms.

**Spray Interval:** Apply a maximum of 3 sprays at an interval of 5-14 days. Use the shorter spray intervals in cases of high disease pressure. After 3 sprays with SWITCH® change over to a fungicide with a different mode of action, e.g., TECTO®, ORTIVA®.

A re-entry period in the sprayed areas of 4 hours should be observed.

#### APPLICATION TECHNIQUE

SWITCH® can be applied through tractor boom sprayers, knapsack sprayers or knapsack mistblowers.

**Tractor boom sprayers:** Use 1100 flat fan nozzles at a pressure of 3-5 bars  
**Knapsack sprayers:** Use hollow cone nozzles with a pressure of 2-3 bars and spray. The usable swath width is up to 3 m by swinging the spray lance. Keep your walking speed steady.

**Knapsack mistblowers:** Run engine always at full speed for best droplet formation. The usable swath width is max. 3.5 m. Do not swing the spray lance, but spray sideways and always downwind. Keep your walking speed steady.

Ensure all the application equipment is in good condition and properly calibrated with regard to forward speed and flow rate, to achieve even coverage of the whole plant including the lower plant parts. Avoid spray drift to non-target sites. Do not spray when wind speeds exceed 5 m/s.

#### Compatibility.

No incompatibilities between SWITCH® with other fungicides and insecticides are known so far, but in case of doubt a compatibility test should always be carried out.

#### Mixing

Whenever tank mixes are used carry out a physical compatibility test first. If SWITCH® is tank mixed with another product, always pour SWITCH® first in the tank and as soon as it has completely dissolved, add the other product.

**Tractorised mistblower and air assisted recycling sprayers:** Fill 1/3 of the spray tank with clean water, start agitation, add the calculated and measured quantity of product and continue to refill the spray tank while continuing agitating. Continue agitating during mixing and application to maintain a uniform suspension. When filling the spray tank the filling hose should always be above water level in order to prevent suckback.

**Knapsack sprayers and knapsack mistblowers:** If the spray mixture is prepared in mixing tanks, proceed as described above for tractorised mistblowers. Otherwise fill half of the sprayer with clean water, add the calculated and measured quantity of product, close the knapsack lid, shake well till a homogeneous spray mixture is achieved, continue to fill the sprayer with water and shake again.

Apply within a few hours after mixing. Prepare no more spray mixture than is needed for the immediate operation.

**Note:** Wet the whole plant thoroughly but avoid run-off and spray drift to non-target sites. Spray only when there is little or no wind. Do not overdose by overlapping applications or by exceeding the recommended rate.

#### Sprayer clean-up procedure

Flush the sprayer with clean water after application or at the end of the day by spraying the rinsing at a dilution rate of at least 1:10 (spray mixture:rinsing) on the top.

#### Safety and Precautions

**KEEP LOCKED UP OUT OF REACH OF CHILDREN** and other unauthorised persons and animals.

#### Operator Safety

AVOID contact of skin, eyes or clothing with concentrate or spray mixture. DO NOT breathe spray mist. DO NOT eat, drink or smoke while handling the product, wash hands and face before doing so. If any disposition occurs, stop work, follow first aid measures, and call a physician. WEAR protective clothing, i.e., for mixing/loading: impermeable gloves, face mask; for application, wear overalls, hat or cap; facemask, gumboots and impermeable gloves. IF CONTAMINATION OCCURS with concentrate or spray mixture, immediately wash skin thoroughly, flush eyes several times with abundant fresh water, and remove contaminated clothing. AFTER USE, clean protective equipment thoroughly and wash entire body and change clothing. Wash contaminated clothing before re-use.

#### FIRST AID INSTRUCTIONS

**SKIN CONTACT:** Remove contaminated clothing and wash the affected parts of the body thoroughly with soap and water. **EYE CONTACT:** Rinse eyes with clean water for several minutes. If poisoning is suspected, stop work immediately and call a physician. Show label to the physician. If inhaled move to clean fresh air. If swallowed, repeatedly administer medicinal charcoal in plenty of water. Seek medical advice immediately if a large volume of concentrate was ingested. **Note:** Never give anything orally to an unconscious person and never induce vomiting. If any indisposition occurs stop work immediately and call a physician.

**TOXICOLOGICAL SYMPTOMS**

*Symptoms of poisoning: No case of human poisoning is on record*

**Antidote and remedy:** *No specific antidote is known; apply symptomatic therapy.*

*WHO Class: III (unlikely to cause hazard in normal use)*

**Environment and wildlife**

*TOXIC TO FISH and very toxic to algae and daphnids. DO NOT contaminate water used for irrigation or domestic purposes and water sources, such as ponds, ditches, lakes, drainage systems, etc. Newly treated areas must not be grazed and all livestock is to be kept out; no food or feed should be collected from treated areas for a period corresponding to the pre-harvest interval.*

**Storage**

*Store away from sun and damp, in a cool dry place. Store in original tightly closed containers in a well-ventilated area. Avoid storage above 35<sup>0</sup>C or below -10<sup>0</sup>C. DO NOT stack containers in piles more than 2 m high, in order to avoid product compaction or damage. Store under lock and key, away from foodstuffs, drinking water, animal feeds, children, animals and unauthorised persons.*

**Product and Container Disposal**

*Dispose of surplus product on a landfill site approved for pesticides, or divide remainder into small quantities and bury in a safe place away from water sources. Dilute small quantities of surplus spray mixture with plenty of water and spray on fallow land. Dispose of containers in a landfill site approved for pesticides, or burn in a safe place. DO NOT re-use empty containers for any other purpose, especially for food, feed or storing drinking water.*

**Leakage and Spillage**

*Remove heavily contaminated soil and bury in a safe place away from water sources.*

*Spillage: soak up with sand, sawdust, soil or an oil-binding agent. Collect all contaminated material and bury in a safe place or put in a waste bin or plastic bag, mark it and dispose of on a landfill site approved for pesticides. Treat spill area with plenty of water.*

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**User's Risk**

*Seller's guarantee is 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. All recommendations for use of the product are based on the current state of the manufacturer's knowledge. Since the occurrence of resistance cannot be foreseen, the manufacturer accepts no responsibility for any loss or damage to crops resulting from failure of SWITCH® to control a resistant strain of the target pest.*

**Before using the product, please read the attached product label and accompanying packaging leaflet.**

**Use pesticides safely.**

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