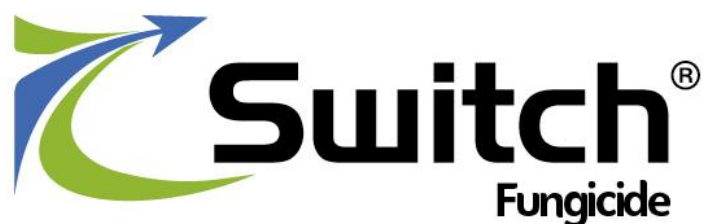


# CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



syngenta®

**ACTIVE CONSTITUENTS:** 375 g/kg CYPRODINIL  
250 g/kg FLUDIOXONIL

**GROUP 9 | 12 FUNGICIDE**

*For the control of Grey Mould (Botrytis Cinerea) in Grapes*

**Syngenta Crop Protection Pty Limited**  
Level 1, 2-4 Lyonpark Road, Macquarie Park, NSW 2113

***In a transport emergency dial 000, Police or Fire Brigade***  
***For specialist advice in an emergency only, call 1800 033 111***

**APVMA Approval No: 51797/1 or 5/0707**

TM

## DIRECTIONS FOR USE

**Restrictions:** DO NOT apply more than 2 applications per season  
DO NOT apply by air

Crop	Pest	Rate	Critical Comments
<b>Grapes</b> (except grapes grown for dried fruit production)	Grey Mould (Bunch Rot) <i>Botrytis cinerea</i>	<b>Dilute Spraying</b> 80 g/100 L <b>plus</b> 0.02% non-ionic surfactant  <b>Concentrate Spraying</b> 800 g/ha <b>plus</b> 0.02% non-ionic surfactant	DO NOT apply more than 2 applications of SWITCH per season. Applications can be made at 5% capfall, 80% capfall, pre-bunch closure or veraison.  Follow a complete disease management program for Grey Mould by rotating with fungicides from unrelated chemical groups as per the CropLife fungicide resistance management guidelines.  Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. DO NOT use at rates greater than 200 g/100 L of water.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**

## WITHHOLDING PERIOD

**Grapes:** DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION

## GENERAL INSTRUCTIONS

SWITCH is a water dispersible granule prepack mixture of cyprodinil and fludioxonil. Cyprodinil is systemic compound that is taken up into the cuticle and waxy layers of leaves and fruit. From there it is distributed and penetrates into other parts of the plant. Fludioxonil is the residual component of the mixture and stays mainly on the leaf and fruit surfaces.

### Application

**Ground Application Only:** Apply as a spray in a minimum of 400 L of water/ha. Ensure that the correct amount of SWITCH is applied per hectare irrespective of water application rate per hectare. Ensure bunches are thoroughly sprayed.

#### **Dilute Spraying**

Use a sprayer designed to apply high volumes of water up to the point of runoff and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of runoff. Avoid excessive runoff. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice. Add the amount of product specified in the Direction for Use table for each 100 L of water. Spray to the point of runoff. The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

#### **Concentrate Spraying**

Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of runoff) and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume. Determine an appropriate dilute spray volume (see Dilute Spraying) for the crop canopy. This is needed to calculate the concentrate mixing rate. The mixing rate for concentrate spraying can then be calculated in the following way:

#### **Example Only**

1. Dilute spray volume as determined above: for example 1000 L/ha
2. Your chosen concentrate spray volume: for example 400 L/ha
3. The concentration factor in this example is: 2.5 X (ie  $1000 \text{ L} \div 400 \text{ L} = 2.5$ )
4. If the dilute label rate is 80 g/100 L, then the concentrate rate becomes 2.5 x 80, that is 200 g/100 L of concentrate spray.

The chosen spray volume, amount of product per 100 L of water, and the sprayer set up and operation may need to be changed as the crop grows. For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

## Mixing

SWITCH is a water dispersible granule (WG) fungicide that mixes readily with water. Partly fill the spray tank with water. Start the agitation and add the correct amount of product to the spray tank with the agitation system running. Continue agitation while topping up the spray tank with water. Add the surfactant at the completion of filling of the spray tank. Continue agitation while spraying.

SWITCH is a water dispersible granule (WG) fungicide that mixes readily with water. Partly fill the spray tank with water. Start the agitation and add the correct amount of product to the spray tank with the agitation system running. Continue agitation while topping up the spray tank with water. Add at the completion of filling of the spray tank. Continue agitation while spraying.

**Tank Mixing:** When mixing SWITCH and other water dispersible granule (WG) or wettable powder (WP) formulations, ensure they are added and mixed well prior to adding emulsifiable concentrate (EC) or suspension concentrate (SC) products. Wettable powder (WP) formulations should be pre-mixed separately and then added to the spray tank.

## Compatibility

SWITCH is compatible with Bugmaster\* Flowable, Delfin\* WG, Dithane\*, Gusathion\*, Kelthane\*, Kocide\*, Lorsban\* 500 W, Polyram DF, Ridomil® Gold Plus, Sanmite\*, Supracide®, Thiovit®, and Topas®. Mixtures with more than one of the above are not recommended. As formulations of other manufacturer's products are beyond the control of Syngenta, all mixtures should be tested prior to mixing commercial quantities. SWITCH may not be compatible with Bravo®.

## Fungicide Resistance Warning

<b>GROUP</b>	<b>9</b>	<b>12</b>	<b>FUNGICIDE</b>
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SWITCH Fungicide is a combination of an anilinopyrimidine and a phenylpyrrole fungicide. For fungicide resistance management, SWITCH is both a Group 9 and a Group 12 fungicide. Some naturally occurring individual fungi resistant to SWITCH and other Group 9 and Group 12 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product or other Group 9 and Group 12 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use Syngenta Crop Protection Pty Limited accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

## Export Wine

Where this product will be used on grapes that will be used to produce wine destined for export markets, seek advice from the Australian Wine Research Institute or Syngenta Crop Protection to ensure the wine will meet the requirements of the intended importing country.

## PRECAUTION

**Re-entry Period:** DO NOT enter treated area without protective clothing until spray has dried.

## INTEGRATED PEST MANAGEMENT

This product can be used where integrated pest management is being practiced.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

**HIGHLY TOXIC TO AQUATIC ORGANISMS. DO NOT apply if heavy rains are imminent.** DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto adjacent areas, particularly wetlands, waterbodies, or watercourses.

## STORAGE AND DISPOSAL

Store in the closed, original container in a cool, dry, well ventilated area, out of direct sunlight. Single rinse liner before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. Puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

## SAFETY DIRECTIONS

**Will irritate the eyes. Avoid contact with eyes. If product in eyes, wash it out immediately with water.**

**When opening the container, preparing spray and using the prepared spray wear:**

- cotton overalls buttoned to the neck and wrist (or equivalent clothing)
- elbow length PVC gloves
- face shield or goggles

**Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.**

## FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131 126.

## MATERIAL SAFETY DATA SHEET

If additional hazard information is required, refer to the Material Safety Data Sheet.

For a copy phone 1800 067 108 or visit our website at [www.syngenta.com.au](http://www.syngenta.com.au)

## MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY

Syngenta has no control over storage, handling and manner of use of this product. Where this material is not stored, handled or used correctly and in accordance with directions, no express or implied representations or warranties concerning this product (other than non-excludable statutory warranties) will apply. Syngenta accepts no liability for any loss or damage arising from incorrect storage, handling or use.

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