

# POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



## SYSTEMIC FUNGICIDE

ACTIVE CONSTITUENTS: 390 g/kg COPPER (Cu), present as 600 g/kg COPPER  
HYDROXIDE  
50 g/kg METALAXYL-M

**GROUP D | Y FUNGICIDE**

*Controls various fungal disease on Brassica Vegetables, Cucumbers, Leeks, Grapevines, Macadamias, Potatoes, Radish, Swede, Spring Onions, Turnip and Ornamentals*

## 2.25 kg NET

(2 x 1.125 kg measure packs)

Contains 2 measure packs (water soluble packs) which it is illegal to sell separately.

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

**APVMA Approval No: 51498/2.25/1108**  
Item number



## DIRECTIONS FOR USE

Crop	Disease	State	Rate	WHP	Critical Comments
<b>Brassica Vegetables</b> including Brassica Leafy Vegetables	White Blister <i>Albugo candida</i> , Downy Mildew	All States	2.0 kg/ha	14 days	<b>This use is subject to a CropLife anti-resistance strategy.</b> Apply at the first sign of infection. Repeat application 7 to 14 days later depending on severity of infestation. DO NOT apply more than 2 applications of RIDOMIL GOLD PLUS per year. DO NOT use RIDOMIL GOLD PLUS in consecutive plantings. <b>Note:</b> Add a non ionic surfactant to the spray mix
				7 days	<b>This use is subject to a phenylamide anti-resistance strategy.</b> Maintain a regular spray program. Commence spraying early, ie before main disease infection period, with a registered fungicide from a different activity group, eg mancozeb. When conditions favour disease development apply 2 consecutive sprays of RIDOMIL GOLD PLUS at 7 to 10 day intervals and then resume the program of protectant or non-Group D fungicides. DO NOT wait for disease to appear. Use the shorter interval when infection pressure is severe. Ensure thorough coverage of plants. <b>Note:</b> Add a non ionic surfactant to the spray mix
<b>Radishes, Swedes, Turnips</b>					
<b>Cucumbers</b>	Downy Mildew,	All States	2.0 kg/ha	7 days	<b>This use is subject to a phenylamide anti-resistance strategy.</b> Maintain a regular spray program. Commence spraying early, ie before main disease infection period, with a registered fungicide from a different activity group, eg mancozeb. When conditions favour disease development apply 2 consecutive sprays of RIDOMIL GOLD PLUS at 7 to 10 day intervals and then resume the program of protectant or non-Group D fungicides. DO NOT wait for disease to appear. Use the shorter interval when infection pressure is severe. Ensure thorough coverage of plants. <b>Note:</b> Add a non ionic surfactant to the spray mix

Crop	Disease	State	Rate	WHP	Critical Comments
Grapevines	Downy Mildew <i>Plasmopara viticola</i>	NSW (Riverina - MIA), Vic, Tas, SA, WA only	<b>Dilute Spraying</b> <b>Before flowering</b> 150 to 225 g/100 L water depending on severity of the disease <b>After flowering</b> 225 g/100 L  <b>Concentrate Spraying</b> Refer to the Application section	7 days	<p>Apply by dilute or concentrate spraying equipment. <b>Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. This use is subject to an CropLife anti-resistance strategy.</b></p> <p>Use in a protectant programme commencing before disease occurs. Limit the use of Group D fungicides to periods when conditions favour disease development.</p> <p>Commence disease control sprays when the grapevine shoots are approximately 20 cm (200 mm) long and continue spraying at 7 to 21 day intervals, using a protectant or non-phenylamide fungicide (not Group D). Use the shorter interval under prolonged humid and wet conditions.</p> <p>When conditions favour Downy Mildew development (prolonged humid and wet conditions) apply 2 consecutive sprays of RIDOMIL GOLD PLUS. Apply before the first sign of oil spots or as soon as possible after the infection period. DO NOT apply more than 2 consecutive sprays of a Group D product.</p> <p>Resume the program of protectant sprays. Apply a maximum of 4 RIDOMIL GOLD PLUS sprays per season.</p> <p>DO NOT apply to grapevines in flower in Qld.</p> <p>Minor phytotoxic reactions of some varieties of grapes may occur under certain conditions.</p> <p><b>Dilute spraying:</b> Apply to the point of runoff. Use a minimum of 500 L mixture/ha before flowering, increasing volume to a minimum of 1000 L/ha when vines are in full foliage.</p> <p><b>Concentrate spraying:</b> DO NOT apply with concentrations greater than 900 g/100 L.</p>
		Qld, NSW (except Riverina - MIA) only	<b>Dilute Spraying</b> 225 g/100 L water  <b>Concentrate Spraying</b> Refer to the Application section		

Crop	Disease	State	Rate	WHP	Critical Comments
<b>Leeks</b>	Downy Mildew, Purple Blotch	All States	2.0 kg/ha	7 days	<b>This use is subject to a phenylamide anti-resistance strategy.</b> Maintain a regular spray program. Commence spraying early, ie before main disease infection period, with a registered fungicide from a different activity group, eg mancozeb. When conditions favour disease development apply 2 consecutive sprays of RIDOMIL GOLD PLUS at 7 to 10 day intervals and then resume the program of protectant or non-Group D fungicides. DO NOT wait for disease to appear. Use the shorter interval when infection pressure is severe. Ensure thorough coverage of plants. <b>Note:</b> Add a non ionic surfactant to the spray mix
<b>Macadamia Nuts</b> Field treatment of plantations	Phytophthora Trunk Canker and Root Rot	Qld, NSW only	Trunk spray and soil drench 37.5 g/L Apply 1 to 5 L drench/tree depending on tree size	4 weeks	Before treatment clear all weed growth from under the tree. Use the highest volume for large trees. Apply to the affected trunk and limbs, and as a soil drench to approximately 1 m <sup>2</sup> around the base of the tree. Apply at the beginning of the summer wet season and again at 8 to 12 weeks later. It is essential that good management practices including proper weed control, fertilisation and irrigation (where applicable) be followed to allow satisfactory response to the disease control achieved with RIDOMIL GOLD PLUS.
<b>Ornamentals</b>	Downy Mildew, White Blister	All States	225 g/100 L water	-	Maintain a regular spray program. Commence spraying early, ie before main disease infection period, with a registered fungicide from a different activity group, eg mancozeb. When conditions favour disease development apply 2 consecutive sprays of RIDOMIL GOLD PLUS at 7 to 10 day intervals and then resume the program of protectant or non-Group D fungicides. DO NOT wait for disease to appear. Use the shorter interval when infection pressure is severe. Ensure thorough coverage of plants <b>Note:</b> Add a non ionic surfactant to the spray mix.

Crop	Disease	State	Rate	WHP	Critical Comments
Potatoes	Early Blight, Late Blight	All States	2.0 kg/ha	7 days	<b>This use is subject to a phenylamide anti-resistance strategy.</b> Maintain a regular spray program. Commence spraying early, ie before main disease infection period, with a registered fungicide from a different activity group, eg mancozeb. When conditions favour disease development apply 2 consecutive sprays of RIDOMIL GOLD PLUS at 7 to 10 day intervals and then resume the program of protectant or non-Group D fungicides. DO NOT wait for disease to appear. Use the shorter interval when infection pressure is severe. Ensure thorough coverage of plants.
	Pink Rot	Vic, Tas, SA, WA only			<b>This use is subject to a CropLife anti-resistance strategy.</b> Make the first application 4 to 6 weeks after planting to crops previously treated at planting with RIDOMIL GOLD 25 G. Repeat application 14 days later and then apply a program of protectant or non-Group D fungicides.
Spring Onions (Shallots)	Downy Mildew <i>Peronospora destructor</i>	All States	2.0 kg/ha	7 days	<b>This use is subject to a CropLife anti-resistance strategy.</b> Apply as a foliar spray when conditions favour downy mildew development. Apply in rotation with fungicides from other Resistance Groups as part of a resistance management strategy. DO NOT apply more than 2 applications of RIDOMIL GOLD PLUS per crop.

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

#### WITHHOLDING PERIOD

##### Harvest

##### **Brassica and Brassica Leafy Vegetables:**

**DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION**

##### **Cucumbers, Leeks, Potatoes, Radishes, Turnips, Spring Onions, Swedes :**

**DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION**

##### **Grapes:**

**DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION**

##### **Macadamia Nuts:**

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

##### Grazing

##### **Turnips, Swedes:**

**DO NOT GRAZE OR FEED TREATED TURNIPS OR SWEDES FOR 7 DAYS AFTER APPLICATION**

#### GENERAL INSTRUCTIONS

RIDOMIL GOLD PLUS is a fungicide combining both systemic and curative properties of Metalaxyl-M with the protective properties of copper hydroxide. RIDOMIL GOLD PLUS should be applied as a protective fungicide before Downy Mildew disease occurs. However, if infection has already occurred RIDOMIL GOLD PLUS should be applied as soon as possible after the infection period, preferably before oil-spots appear, to obtain optimum control of Downy Mildew.

## Mixing

Fill the spray tank with  $\frac{1}{4}$  of the required volume of water and start agitation. Add the required number of water soluble packs and allow them to disperse. Add the remainder of the water while continuing to agitate. Ensure the packs are completely dissolved and that the product is thoroughly mixed before spraying starts.

## Application

### Application in Tree and Vine Crops

**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 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 250 L/ha
3. The concentration factor in this example is:  $4 \times$  (ie  $1000 \text{ L} \div 250 \text{ L} = 4$ )
4. If the dilute label rate is 225 g/100 L, then the concentrate rate becomes  $4 \times 225$ , that is 900 g/100 L of concentrate spray.

The chosen spray volume, amount of product per 100 L 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.

**While Spraying:** Continue agitation during spraying. Agitate vigorously from the bottom of the spray tank if material is left to stand.

**Knapsack Sprayers:** Pre-mix product before adding to the spray tank. Pour the pre-mix into the partly filled tank, adding remaining water and stir vigorously.

## Compatibility

RIDOMIL GOLD PLUS is compatible with Delfin<sup>®</sup>, Kocide\*, Rovral\*, Sanmite\*, Scala\*, Supracide<sup>®</sup> 400, Topas<sup>®</sup> 100 EC and some formulations of azinphos-methyl, chlorpyrifos, carbaryl, parathion-methyl, dimethoate, dicofol, Thiovit<sup>®</sup> and other wettable sulphur formulations, and zineb. It is not compatible with Bravo<sup>®</sup> and ziram. This product may not be compatible with Sumislex\*. Tank mixtures with Sumislex should be tested prior to use.

## 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.

## Fungicide Resistance Warning

GROUP	<b>D</b>	<b>Y</b>	FUNGICIDE
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RIDOMIL GOLD PLUS SYSTEMIC FUNGICIDE is a combination of a phenylamide and a multi-site activity fungicide. For fungicide resistance management RIDOMIL GOLD PLUS is both a Group D and a Group Y fungicide. Some naturally occurring individual fungi resistant to RIDOMIL GOLD PLUS and other Group D and Group Y 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 RIDOMIL GOLD PLUS and other Group D and Group Y 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 RIDOMIL GOLD PLUS to control resistant fungi.

## **PRECAUTION**

### **Re-entry Period**

DO NOT re-enter treated areas until spray has dried. When prior entry is necessary, wear chemical resistant gloves and face shield or goggles. Clothing must be laundered after each day's use.

## **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

## **STORAGE AND DISPOSAL**

Store in the closed, original container in a dry, well ventilated area, as cool as possible out of direct sunlight. Single rinse foil pack before disposal. Add rinsings to the 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**

**Harmful if inhaled or swallowed. Will damage eyes. May irritate the skin. Avoid contact with eyes and skin. DO NOT inhale dust.**

**When using the prepared spray, wear:**

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

**If product in eyes, wash it out immediately with water. 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. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.**

## **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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\* Trademark

Batch No.	
Date of Manufacture	



**UN 2775**  
**COPPER BASED PESTICIDE,**  
**SOLID, TOXIC, N.O.S.**  
**(COPPER HYDROXIDE)**  
**PACKAGING GROUP III**  
**HAZCHEM 2X**



**TOXIC**  
**6**

**In a transport emergency**  
**dial 000, Police or Fire Brigade.**  
**For specialist advice in an**  
**emergency only,**  
**call 1800 033 111 (24 hours).**

# POISON

KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



**SYSTEMIC FUNGICIDE**

**ACTIVE CONSTITUENTS: 390 g/kg COPPER (Cu), present as 600 g/kg  
COPPER HYDROXIDE  
50 g/kg METALAXYL-M**

**Not to be sold separately.  
Before use read all directions on outer pack.**

**Water soluble packaging. KEEP DRY.**

**1.125 kg NET**

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

**APVMA Approval No: 51498/1.25/1108**  
**Item number**  
**UN-2775**

**syngenta**