

Product Name: STOLLER'S FUNGACID 600 SYSTEMIC FUNGICIDE  
APVMA Approval No: 68325/136105



Label Name:	STOLLER'S FUNGACID 600 SYSTEMIC FUNGICIDE
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT : 600 g/L PHOSPHOROUS (PHOSPHONIC) ACID PRESENT AS MONO (AND) DI POTASSIUM PHOSPHITE
Mode of Action:	GROUP 33 FUNGICIDE
Statement of Claims:	A systemic fungicide for the control of root rot in avocado, root and collar rot in citrus, root and crown rot in ornamentals & root and heart rot in pineapples caused by phytophthora fungi and for the control of downy mildew in grapes, poppies and cucurbits as per the directions for use.
Net Contents:	5 L - 1000 L
Restrains:	DO NOT apply STOLLER'S FUNGACID 600 Systemic Fungicide at volumes which cause excessive run off. SPRAY DRIFT RESTRAINTS Specific definitions for terms used in this section of the label can be found at <a href="http://apvma.gov.au/spraydrift">apvma.gov.au/spraydrift</a> DO NOT allow bystanders to come into contact with the spray cloud. DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas. DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application. DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions

	exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	AVOCADOS, CITRUS , CUCURBITS, GRAPES and PINEAPPLES: NOT REQUIRED WHEN USED AS DIRECTED. POPPIES: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION
Trade Advice:	
General Instructions:	This section contains file attachment.
Resistance Warning:	<p>STOLLER'S FUNGACID 600 Systemic Fungicide is a member of the phosphonate mode of action group of fungicides. For fungicide resistance management, the product is a Group 33 fungicide.</p> <p>Some naturally occurring individual fungi resistant to the product and other Group 33 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product or other Group 33 fungicides, thus resulting in a reduction in efficacy and possible yield loss.</p> <p>Since the occurrence of resistant fungi is difficult to detect prior to use, Stoller Australia Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.</p>
Precautions:	
Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS: When applying as a foliar spray, ensure the mixture is directed only onto the target plant.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT : DO NOT spray STOLLER'S FUNGACID 600 over watercourses or onto native plant growth. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers. This product is harmful to fish.</p>
Storage and Disposal:	<p>Store in the closed, original container in a dry ,cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.</p> <p>Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, triple rinse, break, crush or puncture and deliver empty packaging or appropriate disposal at an approved waste management facility.</p>

If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. Do not burn empty containers or product'

For refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

#### SPILL MANAGEMENT

Hose small (less than one litre of concentrate) away with large excess of water. Large spillages should not be directed to drains. Large spillages should be absorbed in sawdust or sand and the absorbent material containing STOLLER'S FUNGACID 600 disposed of in a sealed container at a licensed tip.

Safety Directions:

May irritate the eyes and skin. Avoid contact with eyes and skin. Wash hands after use.

First Aid Instructions:

If poisoning occurs, contact a doctor or Poisons Information Centre (Ph: 13 11 26).

First Aid Warnings:



				8.3 L/ha in 2000 - 5000 L of water. 33 mL/12 L per tree	35 degrees) particularly if humidity is low, or to moisture stressed trees.  <b>Low phytophthora pressure, well-drained soil</b> Removal of fruit from affected plants will enhance recovery. <b>Warning:</b> Soft skin citrus trees may develop leaf burn and growth retardation following foliar application or soil drench of Potassium Phosphonate at rates recommended for established trees.
<b>GRAPES</b>	Downy Mildew ( <i>Plasmopara viticola</i> )	All States	Foliar Spray	2L/ha early season, small canopies  2.7 - 4L/ha Mid-season large canopies	<b>DO NOT apply after E-L 33</b>  It is essential that the rate of STOLLER FUNGACID 600 is adjusted to the vine-row volume (i.e. the volume of vine foliage per hectare). An application volume of 500 L/ha is suggested at the start of the season, increasing to 2000 L/ha in a vigorous crop at full canopy. Spray timing is critical. For best results apply STOLLER FUNGACID 600 as a tank mix with protectant fungicides such as Mancozeb/Dithane, Copper Oxychloride etc, to ensure both pre- and post-infection activity. STOLLER FUNGACID 600 should be applied at times of high disease risk, especially between the time that conditions are conducive to Downy Mildew infection and the appearance of oil spots. Ensure spray coverage is adequate and that the appropriate rate of STOLLER FUNGACID 600 is applied to match vine growth, particularly from mid-season onwards and especially where grapes are grown on root stock.
<b>ORNAMENTALS</b>	Phytophthora Root & Crown Rot	VIC, NSW, QLD, TAS, WA, ACT & NT ONLY	<b>Foliar Spray</b>	<b>Knapsack/boom</b> 170mL / 100L <b>Air Blast</b> 330mL I100	Do NOT apply to ornamental plants under extremes of temperature. Do NOT apply when ornamental plants are dormant or stressed. Apply at 4 to 6 weekly intervals when conditions favour disease development. To avoid phytotoxicity with some plant species. it

					is recommended that the product be tested on a few plants of each species prior to main application.
<b>PINEAPPLE</b>	Phytophthora Root & Heart Rot ( <i>P. cinnamoni</i> )	QLD. WA ONLY	<b>Foliar Spray</b>	4L/Ha in 800 to 2000/Ha boom spray	Apply to tops 2 weeks prior to harvest of planting material
<b>CUCURBITS</b>	Downy Mildew ( <i>Pseudoperonospora Cubensis</i> )	All States	<b>Foliar Spray</b>	3L/Ha in min 800 – 100 L of water	Use weekly spray intervals when conditions favour disease development. To avoid phytotoxicity with some plant species, it is recommended that the product be tested on a few plants of each species prior to the main application.
<b>POPPIES</b>	Downy Mildew ( <i>Pseudoperonospora Cristata</i> )	TAS only	<b>Foliar Spray</b>	2L/Ha	Commence application from 10-12 leaf stage up to row cover. Use in combination with Mancozeb products at registered rate. Repeat 7-10 days later. Apply no more than 2 sprays per crop per season. Note: Crop toxicity problems may occur when application is made with low water volumes. Users should determine an appropriate water volume. Test a small area prior to large scale field use. Consult your field officer for assistance.

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

## **General Instructions**

### **CONDITIONS CONDUCIVE TO DOWNY MILDEW INFECTION**

#### **1. Primary Infection**—overnight conditions of:-

Temperature 10 deg C

Rainfall 10mm

Soil Wetness 24 hrs

Leaf Wetness 3-4 hrs at end of 24hr period

#### **2. Secondary Infection** - overnight conditions of:-

Temperature 11 deg C (min) '

Humidity 98% for at least 4 hrs from midnight to dawn

Leaf Wetness 24 hrs

TO AVOID RESISTANT STRAINS OF DOWNY MILDEW DEVELOPING, STOLLER'S FUNGACID 600 Systemic Fungicide SHOULD BE APPLIED AS CLOSE AS POSSIBLE TO THE DAY OF INFECTION AND ALTERNATED WITH SYSTEMIC FUNGICIDES.

#### **COMPATIBILITY:**

Compatible with Mancozeb, Copper Oxychloride, Bayleton, Tilt and most common powdery mildew fungicides. Most foliage nutrients are also compatible. When using in conjunction with "EC's" - always form emulsion with water prior to adding STOLLER'S FUNGACID.

#### **MIXING/APPLICATION:**

Foliar Application: For foliar spraying, STOLLER'S FUNGACID 600 is diluted with water. STOLLER'S FUNGACID 600 is already formulated as a solution in a water base and mixes easily with water. When mixing, use only a clean uncontaminated tank. If the tank has been used for herbicide application, ensure it has been thoroughly decontaminated. Recycle material through the spray pump to ensure good mixing.