



Product Name: PHOZGUARD 620 SYSTEMIC FUNGICIDE
APVMA Approval No: 66655/136249

Label Name:	PHOZGUARD 620 SYSTEMIC FUNGICIDE
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT: 620 g/L PHOSPHOROUS (PHOSPHONIC) ACID PRESENT AS MONO & DI POTASSIUM PHOSPHITE
Mode of Action:	GROUP 33 FUNGICIDE
Statement of Claims:	Controls root rot in avocado and subterranean clover, root and collar rot in citrus, root and crown rot in ornamentals, root and heart rot caused by phytophthora fungi in pineapples and for the control of downy mildew in grapes, poppies and cucurbits.
Net Contents:	5 L, 20 L, 200 L, 1000 L
Restrains:	Restrains: Do not apply Phozguard 620 at volumes that cause excessive run off. SPRAY DRIFT RESTRAINTS Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift 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:	See DFU table.
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Other Limitations:	
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Withholding Periods:	<p>Subterranean clover : DO NOT GRAZE OR CUT FOR STOCK FOODS FOR 14 DAYS AFTER APPLICATION.</p> <p>Avocados, Citrus, Cucurbits, Grapes & Pineapples: NOT REQUIRED WHEN USED AS DIRECTED.</p> <p>Poppies: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION.</p>
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Trade Advice:	
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General Instructions:	
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Resistance Warning:	<p>FUNGICIDE RESISTANCE WARNING:</p> <p>Phozguard 620 is a Group 33 Fungicide. For fungicide resistance management, Phozguard 620 is a member of phosphonate mode of action group of fungicides. Some naturally occurring individual fungi resistant to Phozguard 620 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 Phozguard 620 and other Group 33 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi it is difficult to detect prior to use AgroBest Australia accepts no liability for any losses that may result from the failure of Phozguard 620 to control resistant fungi.</p>
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Precautions:	
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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 PHOZGUARD 620 SYSTEMIC FUNGICIDE 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>
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Storage and Disposal:	<p>STORAGE AND DISPOSAL: Store in the closed original container in a cool well ventilated area. Do not store for prolonged periods in direct sunlight. Spillage should not be directed to drains but absorbed in sawdust & the absorbent material disposed of in a sealed container at an approved disposal site.</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. 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</p>
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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.

Safety Directions:

SAFETY DIRECTIONS: May irritate the eyes & skin. Avoid contact with eyes & skin. Do not inhale spray mist. When preparing spray & using the prepared spray, wear cotton overalls buttoned to the neck & wrist, washable hat, elbow length PVC gloves, goggles & disposable face mask. If clothing becomes contaminated with product or wet with spray, remove clothing immediately. If product on skin, immediately wash area with soap & water. If product in eyes wash out immediately with water. After use & before eating, drinking or smoking wash hands, arms & face thoroughly with soap & water. After each days use wash gloves, goggles & contaminated clothing.

First Aid Instructions:

FIRST AID: If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

First Aid Warnings:

APPLICATION TABLE

CROP	DISEASE	STATE	METHOD	RATES	CRITICAL COMMENTS
Avocado	Phytophthora & Root Rot	QLD, NSW, VIC, SA, WA & ACT only	Inject	Trunk Injection Skeletal trees: 1st yr 4.9 mL undiluted product/metre of canopy diameter Other Situations: 2.4 mL product diluted with 7.5 mL water/metre of canopy diameter	Inject trees at spring flush maturity. Repeat in February or March. Drill holes 5 mm in diameter & 25 - 50mm deep with slight downward angle in the trunk. Syringes should be placed in the main trunk of the tree & spaced evenly around the circumference of the trunk. Suitable for use with the Chemjet tree injectors, Ag-Murf gun or hydraulic tree injection. DO NOT prune back trees before the injection process as burning of new growth may occur. DO NOT inject trees in winter months. DO NOT cut back the canopy of injected trees. DO NOT add any other material other than water to PhozGuard 620 for trunk injection. DO NOT inject more liquid in fewer syringes than directed
			Foliar spray	3.2 - 3.9 L/ha	Solution concentrate: 160 - 190 mL/100 L Amount per unit: Spray to run off - 7.5 to 10 L per adult tree 1. Curative: apply every 3 weeks until disease is under control 2. Preventative: apply every 5 - 6 weeks
Citrus: Young or small citrus	Phytophthora, Root Rot & Collar Rot	All states	Foliar spray	165 - 320 mL/100 L to leaf wetness (by boom or similar high sprayer)	Two applications: 1. Late winter prior to flowering. 2. Autumn applied to mature fruit. Repeat applications annually to maintain protection of the plant. Depending on condition at the time of application use a non-ionic wetting agent in conjunction with Phozguard 620
Citrus: Mature	Phytophthora, Root Rot & Collar Rot	All states	Foliar spray	13 L/ha in 3000 - 4000 L of water 50 mL/12 L/tree Or 7.8 L/ha in 2000 - 5000 L of water 32 mL/12 L/tree	WHERE DISEASE INCIDENCE IS HIGHER OR WELL ESTABLISHED For effective control apply as a protectant before above ground symptoms of decline & collar rot become evident, spray trees for even coverage. Do not apply under high temperature (above 35°C) particularly if humidity is low or to moisture stressed trees. LOW PHYTOPHTHORA PRESSURE, WELL DRAINED SOIL Removal of fruit from affected plants will assist recovery. WARNING: Young container grown mandarin trees may develop leaf burn & growth retardation following foliar application or soil drench of Potassium Phosphonate at rates recommended for established trees
Cucurbits	Downy Mildew	All states	Foliar spray	2.9 L/ha in min 800 - 1000 L 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
Grapes	Downy Mildew	All states	Foliar spray	1.9 L/ha early season small canopies, 2.6 - 3.9 L/ha mid to late season large canopies	DO NOT apply after E-L 33. It is essential that the rate of PhozGuard 620 is adjusted to the vine row volume (ie the volume of the 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 PhozGuard 620 as a tank mix with protectant fungicides such as mancozeb/Dithane, Copper oxychloride, etc. to ensure both pre & post infection activity. PhozGuard 620 should be applied at times of high disease risk, especially between the time that conditions are conducive to Downy Mildew infection & appearance of oil spots. Ensure spray coverage is adequate & that the appropriate rate of PhozGuard 620 is applied to match vine growth, particularly from mid season onwards, & especially where grapes are grown on root stock
Ornamentals	Phytophthora, Root & Crown Rot	QLD, NSW, VIC, TAS, WA, ACT, NT only	Foliar spray	1.6 mL/L boom or knapsack 3 mL/L airblast	Apply at 4-6 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 the main application. DO NOT apply when ornamental plants are dormant, stressed or under extremes of temperature
Pineapples	Phytophthora, Root & Heart Rot	QLD ,WA	Foliar spray	3.9 L/ha 1:200 - 1:500 water	Apply to tops 2 weeks prior to harvest of planting material
Poppies	Downy Mildew	TAS only	Foliar spray	1.9 L/ha	Commence application from 10 - 12 leaf stage up to row cover. Use in combination with mancozeb products at registered rates. 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 on 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 AUTHORIZED UNDER APPROPRIATE LEGISLATION