WARNING
Keep out of reach of children
ECOTOXIC

Agri-fos® 600

Systemic Fungicide

GENERAL INFORMATION
For the control of *Phytophthora* root rots, canker and blackspot in Apple trees by foliar spraying, and *Phytophthora cinnamomi* in Avocados by trunk injection

ACTIVE INGREDIENT
Contains 600g/litre phosphorous acid, present as the mono and di-potassium salts, in the form of a soluble concentrate.

Agrecovery logo
Tested and Proven in NZ logo

Registered pursuant to the ACVM Act 1997, No. P7811
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSNO Act 1996, Code: HSR007907
See www.epa.govt.nz for approval controls.

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Batch No.:
Date of Manufacture:

Nett contents: 1L, 5 L, 15 L, 20 L

Version 03/24

MINISTRY FOR PRIMARY INDUSTRIES
NEW ZEALAND
10/09/2024

READ LABEL COMPLETELY BEFORE USING

Agri-fos 600

Hazard Classifications: Eye irritation Category 2; Hazardous to terrestrial vertebrates.



TOXICITY: Causes serious eye irritation. Avoid contact with eyes Wear protective gloves and eye/face protection. Do not eat, drink or smoke, while using. Remove protective clothing immediately after handling the product and wash hands and face before meals and after work. Wash contaminated clothing before reuse.

ECOTOXICITY: Harmful to terrestrial vertebrates.
Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Do NOT contaminate any water supply with chemical or empty container.

DISPOSAL: Triple rinse empty container and add residue to spray tank. Recycle triple rinsed containers through an approved recovery scheme e.g. Agrecovery. Otherwise, crush or puncture and bury in a suitably approved landfill.

FIRST AID: If medical advice is needed have product container or label at hand. If swallowed do NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON(0800 764 766) or a doctor immediately. If splashed in eyes, remove contact lenses if present and easy to do. Flush eyes with water for at least 15 minutes and see a doctor if irritation persists. If on the skin or hair, remove the contaminated clothing and wash skin and hair with running water and soap. If skin irritation persists get medical advice/attention. If inhaled move affected person to fresh air immediately and keep at rest until recovered. If breathing has stopped begin artificial respiration. Use mouth-to-nose rather than mouth-to-mouth and get immediate medical assistance.

GENERAL INFORMATION
Agri-Fos 600 is both a curative and a protectant fungicide. The curative ability is only possible if [illegible] have enough root system remaining to transfer nutrients from the soil into the crop.

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It is an offence to use this product on animals.

DIRECTIONS FOR USE

APPLE trees - foliar spraying

The suggested rates below are to be applied by high volume spray, usually to run-off (1500 L/ha spray volume). For concentrated spraying, adjust rate accordingly.

Crop situation	Diseases	Application Method	Rates	Comments
Young non-bearing apples: curative and preventative	Phytophthora root rot and Canker	Foliar spray	85mL per 100 litres water. Two applications per year.	Spray to run-off. 1st application mid to late November. 2nd application in autumn before leaf decline.
Mature trees: preventative			335mL per 100 litres water. One application per year.	Spray to run-off. Apply in autumn as soon as possible after harvest and before leaf decline.
Mature trees: curative			250mlLper 100 litres water. Two applications	Spray to run-off. 1st application mid to late November.

			per year.	2nd application in autumn as soon as possible after harvest and before leaf decline.
Mature trees: preventative	Blackspot (*Venturia inaequalis*)	Foliar spray	200mL per 100 litres of water ensuring 3.0 litres per crop ha. Add 10mL Nu-Film 17 per 100 L spray volume.	Spray to run-off. Apply every 7 to 10 days from open cluster until end of December Do not apply more than 4 or 5 consecutive applications of Agri-Fos®.

NOTE: After 4 to 5 consecutive applications of Agri-Fos® 600 some yellowing of the leaves may occur. Should yellowing occur, stop applications of Agri-Fos® 600 and leaves will return to normal green colour.

AVOCADOS - trunk injection

Measure canopy diameter of the individual tree from the dripline on one side to the dripline on the other side.

Restraints:

1. Do not prune back trees before injection process as burning of new growth may occur.
2. Trees can be injected prior to the early spring root flush (August-September) prior to the autumn root flush in the early Autumn (February- March). Although the above periods are preferable, there is no bad time to inject a sick tree.
3. Do not cut back the canopy of injected trees.

Skeletal Trees (First year):

Make a stock solution of 500ml of product diluted with 1500ml of water. Use 20ml of stock solution per metre of canopy diameter.

Other Situations:

Make a stock solution of 250ml of product diluted with 1750ml of water. Use 20ml of stock solution per metre of canopy diameter.

Trunk Injection (Avocados) general information:

The principle of the syringe operation is that the fluid is forced into the tree by compression supplied by the syringe.
Use a 20ml tree injector.
Draw 20ml of stock solution into the syringe then insert the syringe with a turning action into a 6mm diameter hole predrilled in the trunk. Leave the syringe in place until the solution is absorbed into the tree.
Inject the tree with 20ml of solution per metre of tree canopy diameter.
When injecting more than one 20ml dose, space the syringe holes evenly around the trunk.
Do not inject larger quantities of Agri-Fos 600/water stock solution or use a lesser number of syringes than instructions specify. After absorption remove the syringe and fill the hole with putty, "No more gaps" or dowel material.

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WITHHOLDING PERIODS

Apples - 42 days (for export crops refer to exporter)
Avocados - 1 day

ORNAMENTALS and **NURSERY Crops**

Phytophthora and Pythium root rots:

Treat actively growing plants. Apply as a foliar spray just prior to run-off using 3.5ml Agri-Fos 600 per litre of water before appearance of the diseases. Repeat as necessary on a 2-4 week basis. Use at least 3.3 litres Agri-Fos 600/ha. The use of a non-ionic surfactant such as SPRAYFAST, NU-FILM-17 or RAINGARD will aid foliar coverage, absorption and resist rain wash-off.

TURF

Prewet the thatch, then use 5-7ml per 10 square metres of turf, or 5 - 6.7 litres/ha in sufficient water to wet the foliage. Then immediately apply sufficient overhead irrigation to rewet the thatch.

CAUTION:

Do not use more than once on the same plants within 4 weeks, nor apply more than 13 litres/ha in a growing season, without consulting your technical advisor.

MIXING

Agri-Fos 600 mixes readily with water. Use clean water and equipment uncontaminated by herbicides.

COMPATIBILITY

Agri-Fos 600 is compatible with most pesticides in tank mixture including carbaryl, copper hydroxide, copper oxychloride, dithianon, mancozeb, metiram, myclobutanil, sulphur and thiram. Do not mix concentrates. Form emulsions in the tank before adding Agri-Fos 600. Mixtures with acid salts such as copper nitrate, copper sulphate and zinc sulphate slowly crystallise after a few hours. Do not mix with calcium chloride flake or strong oxidising agents such as calcium nitrate.

STORAGE: Store in original container in a well-ventilated area, as cool as possible. Avoid storage in direct sunlight, excessive heat or freezing conditions. **Shelf life:** When stored appropriately, this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

RESISTANCE MANAGEMENT

GROUP	33	FUNGICIDE

Agri-fos 600 is a **GROUP 33 FUNGICIDE**. Naturally occurring fungal populations many contain species resistant to this chemical group. To delay development of /or control resistant species follow label instructions, alternate with products with alternative modes of action and/or use other resistance management strategies (if any). For further information see: www.resistance.nzpps.org.

CONDITIONS OF SUPPLY

This product as supplied is of high grade and suitable for the purpose for which it is expressly intended and must be used in accordance with the directions. The user must monitor the performance of any product as climatic, geographical or biological variables and / or developed resistance may affect the results obtained. No responsibility is accepted in respect of this product, save for those non-excludable conditions implied by legislation.

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