

HARMFUL - KEEP OUT OF REACH OF CHILDREN



# 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.

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

BATCH NO:

DATE OF MANUFACTURE:

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20 LITRE

Version No: 04/18

FRONT

5 LITRE

SIZE STICKER TO BE ADDED: 8MM X 35M

20 LITRE BARCODE



READ LABEL COMPLETELY BEFORE USING

# Agri-fos® 600



HSNO Classifications: 6.1E, 6.3B, 6.4A, 9.3C

**PRECAUTIONS:**

Keep out of reach of children. **Harmful - may be harmful if swallowed, inhaled or absorbed through the skin. May cause eye and mild skin irritation.** Avoid contact with skin and eyes. Wear protective clothing, gloves and eye protection during handling and use. **Harmful to aquatic organisms and terrestrial vertebrates.** Avoid contamination of any water supply with product or empty container.

**DISPOSAL:** Triple rinse empty container and add residue to spray tank. Burn if circumstances, especially wind direction, permit. Otherwise, bury in a landfill.

**GENERAL INFORMATION**

**Agri-Fos 600** is both a curative and a protectant fungicide. The curative ability is only possible if crops still have enough root system remaining to transfer nutrients from the soil into the crop. **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 Model	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 applications per year	Spray to run-off. Apply in autumn as soon as possible after harvest and before leaf decline.
Mature trees: curative			250ml per 100 litres water. Two applications per year	Spray to run-off. 1st application mid to late November. 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 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 budding 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.

**WITHHOLDING PERIODS:** Apples- 42 days (for export crops refer to exporter). Avocados - Nil

**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.

**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.

BACK



BARCODE STICKERS TO BE ADDED: 18MM X 33MM

5 LITRE BARCODE