



**DANGER**  
KEEP OUT OF REACH OF CHILDREN  
READ LABEL BEFORE USE

# METIGRO®

For the control of fungus diseases in  
apples, pears and grapes.

ACTIVE INGREDIENT: contains 700 g/kg metiram  
in the form of a water dispersible granule.

GSMG132/F03



**Grosafe®**

**HAZARD CLASSIFICATION:**  
Eye irritation Category 2, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1

**TOXICITY:** Serious eye irritant. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause organ damage from repeated oral exposure at high doses.

**ECOTOXICITY:** VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. HARMFUL TO TERRESTRIAL VERTEBRATES.

**HANDLING:** This product must be under the personal control of a Qualified Handler when mixed, loaded or applied.

**STORAGE:** Store in original sealed bag in a dry, cool, well-ventilated place, out of direct sunlight, and away from food and animal feeds. Stores containing 100 kg or more of this product require emergency response plans and are subject to signage. Storage, application and record keeping should be as described in the current version of the New Zealand Standard for the Management of Agrichemicals NZS8409.

**TRANSPORT:** Do NOT carry this product on a passenger service vehicle.

**SPILLAGE:** Prevent from entering waterways. Wear overalls, gloves, footwear, dust mask and goggles. Avoid dust formation. Sweep and shovel up spilt product and place in sealable container labelled for disposal. Wash down area with water and detergent. Absorb and collect washings and place in the same sealable container as the spilled material. Dispose of the waste safely in a suitable landfill.

**PERSONAL PROTECTION:** When mixing and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, suitable protective gloves, and safety goggles. In case of inadequate ventilation wear respiratory protection.

**PERSONAL PRECAUTIONS:** Avoid contact with skin, eyes and clothing. Do NOT breathe dust or spray mist. Do NOT eat, drink or smoke while using this product. Remove protective clothing and wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing immediately after use. Store work clothing separately.

**ENVIRONMENTAL PROTECTION:** Remove livestock from target area. Apply with well-maintained and accurately calibrated equipment. Do NOT spray over, or allow drift over, surface water. Do NOT allow spray drift outside the target area to occur. Clean out application equipment thoroughly after use. Do NOT contaminate water when disposing of equipment wash waters.

**RECORD KEEPING:** Records of use must be kept if more than 3 kg is applied within 24 hrs.

**DISPOSAL:** Empty bag completely into the spray tank. Burn empty bag in a suitable incinerator if circumstances, especially wind direction, permit. Otherwise bury in suitable landfill. Dispose of this product only by using according to the label or at an approved landfill. Do NOT burn product.

**SAFETY DATA SHEET:** A safety data sheet is available from Grosafe Chemicals Ltd.

**FIRST AID:**  
For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor if you feel unwell. IF SWALLOWED: Do NOT induce vomiting. Rinse mouth. IF ON SKIN: Remove contaminated clothing and wash skin with plenty of soap and water. Do NOT scrub the skin. If skin irritation or rash occurs, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

**EMERGENCY RESPONSE: 0800 CHEMCALL (0800 243 622)**

**GENERAL INFORMATION**

**It is an offence to use this product on animals.**

**Mode of action:** MetiGro® kills the fungus after it has germinated from the spore and before it penetrates the plants. Once the fungus has established itself within the plant, like many other protectant fungicides, MetiGro® is ineffective.

**Phytotoxicity:** MetiGro® is generally safe on plants.

**Mixing:** Half fill the spray tank with clean water and start the agitation. Remove the filter. Slowly pour the required quantity of MetiGro® into the tank. Replace the filter. Add the remainder of the water and continue agitation until spraying is completed. When tank mixes are to be used, each product should be added separately to the spray tank, taking due note of any instructions given as to the order of mixing.

**DIRECTIONS FOR USE:**  
The rates suggested are for high volume spraying to run-off. For concentrate spraying adjust dilution rate accordingly.

CROP	DISEASE/PESTS	RATE	COMMENTS
Apples Pears	Blackspot	100 -150 g /100 litres	Apply at the rate of 125-150 g/100 litres - commencing at tight cluster, repeat through full bloom and petal fall then continue on a schedule of 7-14 days until the end of November, when application rate may be reduced to 100-125 g/100 litres if dry weather occurs. When weather conditions dictate either increase frequency or raise concentration.
Grapes	Blackspot Downy Mildew	200 g /100 litres	Apply at bud burst and spraying at intervals of 7-14 days until the grapes change colour.

**Compatibility:** MetiGro® may be applied in combination with commonly used fungicides, including Horticare® Copper Hydroxide 300, Kocide Opti, Horticare® Sulphur 800 DF, Kumulus® DF and Sercadis®, most insecticides and miticides, with the plant growth regulator Regalis® Xtra, and Urea.

Metigro® is NOT compatible with sprays containing lime or spraying oil.

**Resistance Management:** **GROUP** **M3** **FUNGICIDE**

MetiGro® contains metiram, a dithiocarbamate fungicide with multi-site contact mode of action.

Resistance to this fungicide and related Group M3 fungicides could develop from excessive use. To minimise this risk use strictly in accordance with the label instructions and resistance management strategies that exist for any fungus listed on the label. MetiGro® should be used in a programme that incorporates fungicides with different modes of action to that of Group M3 fungicides. Refer to the NZPPS web site [www.nzpps.org/resistance/index.php](http://www.nzpps.org/resistance/index.php) for more detailed information.

**WITHOLDING PERIOD:**

**It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand Food Notice: Maximum Residue Levels of Agricultural Compounds.**

On pipfruit do NOT apply later than 14 days before harvest.  
On grapes do NOT apply later than 28 days before harvest.  
Consult with Pipfruit New Zealand for export market pipfruit.

Registered pursuant to the ACVM Act 1997, No P9737. See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.  
Approved pursuant to HSNO Act 1996, Approval Code: HSR000482. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

**WARRANTY:** This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Registered and distributed by:

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Ph: 0800 220 002  
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[www.grosafe.co.nz](http://www.grosafe.co.nz)

BATCH No:

DATE OF MANUFACTURE:

GSMG132/B03

**AGRECOVERY**  
Rapid Response Programme

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