



CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Nufarm
Aero[®]
Fungicide

**ACTIVE CONSTITUENTS: 550g/kg METIRAM
50g/kg PYRACLOSTROBIN**

GROUP **11 M3** FUNGICIDE

For the control of early and late (Irish) blight in potatoes, early blight in capsicum, eggplant, peppers and tomatoes, downy mildew in poppies and various diseases in mangoes as specified in the DIRECTIONS FOR USE table.

READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT.

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APVMA Approval No.: 61186/0410

DIRECTIONS FOR USE

SPRAY DRIFT RESTRAINTS

DO NOT apply with **AIRCRAFT** with spray droplets smaller than a **COARSE** spray droplet size category according to "APVMA Compliance Instructions for Mandatory COARSE or Larger Droplet Size Categories" located under this title in the GENERAL INSTRUCTIONS section of this label.

DO NOT apply with **GROUND** sprayers with spray droplets smaller than a **MEDIUM** spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site.

Users of this product **MUST make an accurate written record** of the details of each spray application within 24 hours following application and **KEEP** this record for a minimum of 2 years. The spray application details that must be recorded are: **1** date with start and finish times of application; **2** location address and paddock/s sprayed; **3** full name of this product; **4** amount of product used per hectare and number of hectares applied to; **5** crop/situation and weed/pest; **6** wind speed and direction during application; **7** air temperature and relative humidity during application; **8** nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application; **9** name and address of person applying this product. (Additional record details may be required by the state or territory where this product is used.)

MANDATORY NO-SPRAY ZONES

DO NOT apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers downwind from the application area and within the **mandatory no-spray zones** shown in Table 1 below.

FOR AERIAL APPLICATION	
Wind Speed Range at Time of Application	Downwind Mandatory No-Spray Zone
from 3 to 8 kilometres per hour	120 metres
from 8 to 14 kilometres per hour	200 metres
from 14 to 20 kilometres per hour	250 metres
FOR GROUND APPLICATION	
from 3 to 20 kilometres per hour	25 metres
FOR AIRBLAST APPLICATION TO MANGOES	
from 3 to 20 kilometres per hour	175 meters

DO NOT apply if there are livestock, pasture or any land that is producing feed for livestock downwind from the application area and within the **mandatory no-spray zones** shown in Table 2 below.

Table 2 – No-Spray Zones for Protection of International Trade	
FOR AERIAL APPLICATION	
Wind Speed Range at Time of Application	Downwind Mandatory No-Spray Zone
from 3 to 8 kilometres per hour	10 metres
from 8 to 14 kilometres per hour	20 metres
from 14 to 20 kilometres per hour	30 metres
FOR GROUND APPLICATION	
from 3 to 20 kilometres per hour	5 metres

CROP	DISEASE	RATE	WHP	CRITICAL COMMENTS
Potatoes	Early blight (<i>Alternaria solani</i>)	1.0-2.0kg/ha	7 days	<p>Apply when disease symptoms first appear and repeat 7 to 10 days later if required. Use the higher rate and the shorter spray interval when weather conditions favour disease development. If overhead irrigation is used, apply immediately following irrigation.</p> <p>Aero may be applied by ground or aerial application equipment in potatoes. Apply in sufficient water to thoroughly cover the crop. The water volume should increase as the crop size and bulk increases.</p> <p>Ground application: A volume of 200 - 300 L/ha is suggested at the start of the season, increasing to 500 – 600 L/ha in a vigorous crop at full canopy.</p> <p>Aerial application: A volume of 30 - 40 L/ha is recommended.</p> <p>Use of Aero is subject to a Croplife Australia Resistance Management Strategy. DO NOT apply more than two consecutive applications of this product or other Group 11 products. If consecutive applications of Group 11 fungicides are used, then they must be followed by at least the same number of applications of fungicide(s) from a different group(s) before a Group 11 fungicide is used again, either in the current or following season.</p>
	Late (Irish) blight (<i>Phytophthora infestans</i>)	1.5-3.0kg/ha		
Capsicum, eggplant and peppers (except greenhouse)	Early blight (<i>Alternaria solani</i>)	1.0-2.0kg/ha	28 days	<p>Apply as part of a protectant program using two sprays 10 to 14 days apart. AERO should be used when conditions favour disease development. Use the shorter interval when disease pressure remains high.</p> <p>This use is subject to a Croplife Australia Resistance Management Strategy. DO NOT apply more than two consecutive applications of this product or other Group 11 products. If consecutive applications are used, then they must be followed by at least the same number of applications of fungicide(s) from a different group(s) before a Group 11 fungicide is used again, either in the current or following season.</p>
Tomatoes (except greenhouse)			14 days	
Mangoes	Anthraxnose (<i>Colletotrichum gloeosporioides</i>), stem end rots (<i>Botryosphaeria</i> spp.) & powdery mildew (<i>Oidium</i> spp.)	200–300g/100L	14 days	<p>Apply as part of a protectant program containing fungicides from a different chemical group.</p> <p>A maximum of 2 sprays can be applied. For best results these should be targeted at early fruit set and 14 days prior to harvest.</p> <p>Follow with applications of an approved fungicide from a different chemical group.</p> <p>This use is subject to a Croplife Australia Resistance Management Strategy and must only be applied as a foliar spray. DO NOT apply more than two consecutive applications of this product or other Group 11 products. If consecutive applications are used, then they must be followed by at least the same number of applications of fungicide(s) from a different group(s) before a Group 11 fungicide is used again, either in the current or following season.</p>
Poppies	Downy mildew	1.0-2.0kg/ha	-	<p>Apply as part of a protectant program containing fungicides from a different chemical group. A maximum of two Aero sprays can be applied per crop. For best results these should be targeted at early – mid running up and at hook stage. DO NOT apply after hook stage.</p> <p>Apply AERO preventatively before disease symptoms appear. Ensure thorough spray coverage.</p> <p>Apply in sufficient water to thoroughly cover the crop. The water volume should increase as the crop size and bulk increases.</p> <p>This use is subject to a Croplife Australia Resistance Management Strategy. Start disease control early and maintain a regular program, with a fungicide from groups other than Group 11, using the spray interval recommended on the label. When conditions favour disease development (high humidity, still weather, overcast skies), do not wait for symptoms (white downy growth on the underside of leaves followed by brown, angular lesions) to appear, but apply two consecutive sprays of a Group 11 product, at the interval recommended on the label. Then resume the program of sprays using products from a different group to the Group 11 product just applied. DO NOT apply more than two sprays per season of a product containing a Group 11 fungicide.</p>

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

WITHHOLDING PERIODS:

POTATOES:

MANGOES, TOMATOES:

DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION

DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.

CAPSICUMS, EGGPLANT & PEPPERS: DO NOT HARVEST FOR 28 DAYS AFTER APPLICATION.
POPPIES: HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.
GRAZING: DO NOT GRAZE OR CUT FOR STOCKFOOD.

CROPS AND CROP PRODUCTS INTENDED FOR EXPORT:
CONSULT YOUR PEAK INDUSTRY BODY OR NUFARM FOR THE RECOMMENDED WITHHOLDING PERIOD BEFORE USING AERO.

GENERAL INSTRUCTIONS

MIXING

Slowly pour the Aero Fungicide into the spray tank three-quarters filled with water, with the agitation system running. Alternatively, pre-mix by adding a quantity of water, equal to at least half the volume of the Aero Fungicide, to the product and stir immediately. Add this mixture to the bulk of the water in the spray vat with agitation running.

APPLICATION

Ground application

Apply in sufficient water to thoroughly cover the crop. The water volume should increase as the crop size and bulk increases. Where a range of rates is specified, use the higher rate when disease pressure is high. The addition of Du-Wett® or Designer® (siliconbased adjuvants) is recommended when spray volumes are less than required for **Dilute Spraying**. Refer to the Du-Wett or Designer label before using these products.

Aerial application (potatoes only)

AERO may be applied by aircraft for the control of early blight and late (Irish) blight in potatoes. AERO should be applied in a minimum spray volume of 30L/ha and the aircraft calibrated to provide maximum coverage using COARSE droplet size to minimize off-target drift. Du-Wett may be used with aerial applications to enhance the spread of spray droplets after deposition.

APVMA Compliance Instructions for Mandatory COARSE or Larger Droplet Size Categories

Important Information

These instructions inform users of this chemical product how to lawfully comply with the requirement of a COARSE or larger spray droplet size category for spray application.

Spray droplet size categories are defined in the ASAE S572 Standard (newer name may also be shown as ASABE) or the BCPC guideline. Nozzle manufacturers may refer to one or both to identify droplet size categories, but for a nozzle to comply with this requirement, the manufacturer must refer to at least one.

In the following instructions, Section 1 is for ground application and Sections 2 and 3 are for aerial application.

Complying with the label requirement to use a specific droplet size category means using the correct nozzle that will deliver that droplet size category under the spray operation conditions being used. The APVMA has approved only the following specific methods for choosing the correct nozzle. Use one of the methods specified in these instructions to select a correct nozzle to deliver a COARSE or larger droplet size category.

SECTION 1

This section refers to meeting the requirements of COARSE spray droplet size categories by ground application. This section is not applicable for Aero because a MEDIUM spray droplet size category has been specified for ground application of this product. See Sections 2 and 3 below for instructions on how to meet the requirement for Aero of a COARSE spray droplet size category with aerial application.

SECTION 2 Instructions for Fixed-Wing Aerial Application – for COARSE droplet size or larger categories

Instructions in this section apply to fixed-wing aerial application of products for which the label Spray Drift Restraint requires a COARSE or a VERY COARSE spray droplet category.

Nozzle choices must be made using Option 1, 2 or 3 below. Option 1 nozzles are limited to a maximum aircraft speed of 110 knots and are for COARSE droplets only. Option 2 nozzles are limited to a maximum aircraft speed of 120 knots and are also for COARSE droplets only. Option 3 nozzles have their use conditions (maximum airspeed, nozzle spray angle, product used, orifice size, spray system pressure) specified in the APVMA Approved AAAA Nozzle Calculator (described in Option 3). Depending on those use conditions, the calculator can identify a correct nozzle for either a COARSE or a VERY COARSE spray droplet category. (Note that to use Option 3, aerial applicators must contact the Aerial Agricultural Association of Australia for access to their approved nozzle calculator.)

Mandatory Instructions for Fixed-Wing Aerial Applications

Option 1

For up to a maximum aircraft speed of 110 knots and a COARSE droplet size category, USE ONLY solid stream 0° nozzles with orifice diameter greater than or equal to 1.5 mm and oriented straight back to the flight direction. **USE ONLY** a spray system pressure greater than or equal to 3 bar.

OR

Mandatory Instructions for Fixed-Wing Aerial Applications (continued)

Option 2

For up to a maximum aircraft speed of 120 knots and a COARSE droplet size category, USE ONLY narrow angle flat fan nozzles with spray angle less than or equal to 40° and oriented straight back to the flight direction. **USE ONLY** a spray system pressure greater than or equal to 4 bar.

OR

Mandatory Instructions for Fixed-Wing Aerial Applications (continued)**Option 3**

USE ONLY nozzles rated by the APVMA Approved AAAA Nozzle Calculator as **COARSE** or **VERY COARSE** to comply with a product label's requirement for a COARSE or a VERY COARSE spray droplet size category. When using the AAAA Nozzle Calculator, aerial applicators **must** also follow the additional instructions below in (a), (b) and (c).

(a) Aerial applicators **must only use** the droplet size category given in the nozzle calculator at the $D_{V(0.1)}$ position to identify a nozzle to comply with the required spray droplet category. The categories shown at the $D_{V(0.5)}$ and the $D_{V(0.9)}$ positions in the calculator **must not be used** for making a nozzle selection.

(b) Aerial applicators **must not apply** at airspeeds greater than that speed used to select the nozzle. If an application airspeed slower than 100 knots (the minimum speed specified in the nozzle calculator) is planned, a nozzle identified as COARSE or VERY COARSE at 100 knots can also be used at slower airspeeds provided that the nozzle angle and system pressure are kept the same.

(c) When a particular pesticide product is chosen within the nozzle calculator as one of the conditions set to select a nozzle, then aerial applicators **must use** that specific pesticide product with that nozzle. When a pesticide product is planned for use and is not available as a choice within the nozzle calculator, aerial applicators **must use** the category "**Other Product**" in the calculator to set the condition for selecting a nozzle.

Note – contact the Aerial Agricultural Association of Australia for information on how to obtain access to the APVMA Approved AAAA Nozzle Calculator – <http://www.aerialag.com.au/site/default.asp>

SECTION 3 Instructions for Helicopter Aerial Application – for COARSE droplet size or larger categories

Instructions in this section apply to helicopter application of products where the label Spray Drift Restraint requires a **COARSE**, a **VERY COARSE** or an **EXTREMELY COARSE** spray droplet category.

Nozzle choices must be made using Option 1, 2 or 3 below.

Mandatory Instructions for Helicopter Aerial Application**Option 1**

For helicopter applications requiring a COARSE or a VERY COARSE spray droplet size category, **USE ONLY** nozzles selected with the methods previously specified for fixed-wing aircraft in Section 2.

OR

Mandatory Instructions for Helicopter Aerial Application (continued)**Option 2**

When using Micronair controlled droplet applicators (Micron Sprayers Ltd), **USE ONLY** nozzles selected with the Micronair Droplet Size Prediction Models designed for Micronair products (and located on the company website) to choose a nozzle to satisfy the label requirement for a COARSE droplet size category. **Important – to qualify for the COARSE category, the $D_{V(0.1)}$ value must be greater than 156 microns.** Adjust parameters as necessary such as lowering the atomizer rotation rate in order to achieve a $D_{V(0.1)}$ value greater than 156 microns.

OR

Mandatory Instructions for Helicopter Aerial Application (continued)**Option 3**

When using Accu-Flo nozzles (Bishop Equipment Mfg Inc), **USE ONLY** nozzles rated according to the manufacturer's instructions to select the correct nozzle to apply a COARSE, a VERY COARSE or an EXTREMELY COARSE droplet size category to satisfy the label requirement for one of those specific droplet size categories.

COMPATIBILITY

Aero Fungicide is compatible with Du-Wett and Designer and with most insecticides and fungicides. For more information, please contact your local Nufarm Australia Limited representative.

FUNGICIDE RESISTANCE WARNING

GROUP	11	M3	FUNGICIDE
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Nufarm Aero Fungicide is a member of the strobilurin and multi-site activity groups of fungicides. For fungicide resistance management, Aero Fungicide is a Group 11 and M3 fungicide. Some naturally-occurring individual fungi resistant to Aero Fungicide and other Group 11 or M3 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 Aero Fungicide or other Group 11 or M3 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of Aero Fungicide to control resistant fungi.

PRECAUTIONS

DO NOT use human flaggers/markers unless they are protected by engineering controls such as controlled cabs.

RE-ENTRY PERIOD

DO NOT allow entry into treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing should be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET CROPS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

HIGHLY TOXIC TO AQUATIC ORGANISMS. DO NOT contaminate streams, rivers or waterways with the chemical or used containers. DO NOT apply under weather conditions, or from spraying equipment, that may cause spray drift onto nearby water bodies.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple or preferably pressure 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, break, crush, or puncture and bury empty packaging in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

SAFETY DIRECTIONS

Will irritate skin. May irritate eyes. Avoid contact with skin and eyes. If product on skin, immediately wash area with soap and water. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length PVC gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet, which can be obtained from your supplier or the Nufarm website - www.nufarm.com.au

In case of emergency: Phone 1800 033 498 Ask for shift supervisor. Toll free 24 hours.

CONDITIONS OF SALE

"Any provisions or rights under the Trade Practices Act 1974 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

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