



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

Nufarm
Spin Flo[®]
Systemic Fungicide

ACTIVE CONSTITUENT: 500 g/L CARBENDAZIM

GROUP **1** FUNGICIDE

A broad spectrum, systemic fungicide for the control of fungal diseases in various crops as per the Directions for Use table.

READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT.

nufarm.com.au

APVMA Approval No.: 59815/0812

DIRECTIONS FOR USE

1. TREE CROPS

RATE: This table shows rates for dilute spraying . For concentrate spraying , refer to the Mixing/Application section.			CRITICAL COMMENTS For all uses in this table: Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. For concentrate spraying, DO NOT use at rates greater than 5 times the dilute spraying rate.		
CROP	DISEASE	STATES	RATE	WHP	CRITICAL COMMENTS
Macadamia Nuts	Macadamia Husk Spot (<i>Pseudocercospora</i> spp.)	All States	50mL plus a wetting agent (at 100mL/100L)	14 days (H) 4 weeks (G)	Apply at 5 and 8 weeks after main flowering - Stage 2 anthesis (white flowering stage). Remove any fallen nuts from under trees prior to spraying. DO NOT apply more than 2 applications of Spin Flo per season.

2. OTHER CROPS

CROP	DISEASE	STATES	RATE	WHP	CRITICAL COMMENTS
Chickpeas, faba beans, lentils and vetch	Chocolate Spot (<i>Botrytis fabae</i>), Grey Mould (<i>Botrytis cinerea</i>)	All States	500mL/ha	4 weeks (H, G)	Apply a maximum of two consecutive applications at 14 day intervals. Apply a minimum of 100L of water per hectare.

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

WITHOLDING PERIOD:

MACADAMIA NUTS:

DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.
DO NOT ALLOW LIVESTOCK TO GRAZE VEGETATION IN TREATED PLANTATIONS FOR 4 WEEKS AFTER APPLICATION.
DO NOT CUT VEGETATION IN TREATED PLANTATIONS FOR STOCK FEED FOR 4 WEEKS AFTER APPLICATION.

CHICKPEAS, FABA BEANS, LENTILS AND VETCH:

DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.
DO NOT GRAZE OR CUT FOR STOCKFEED FOR 4 WEEKS AFTER APPLICATION.

GENERAL INSTRUCTIONS

MIXING/APPLICATION

SHAKE WELL BEFORE USE. Spin Flo is a liquid suspension to be mixed with water for application as a spray. Add the required quantity of Spin Flo to a partly filled spray tank and agitate. Complete filling while agitating. Ensure the spray mixture is properly agitated before restarting after stoppage.

ADDITION OF WETTING AGENT

The addition of a wetting agent eg. Activator® Surfactant to spray mixture improves the distribution of the spray on hard to wet plants.

APPLICATION

Dilute Spraying (Tree crops only)

Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice. Add the amount of product specified in the Directions for Use table for each 100L of water. Spray to the point of run-off. The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate Spraying (Tree crops only)

Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume. Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate. The mixing rate for concentrate spraying can be calculated in the following way: EXAMPLE ONLY 1. Dilute spray volume as determined above: For example 1500L/ha 2. Your chosen concentrate spray volume: For example 500L/ha 3. The concentration factor in this example is: 3X (i.e. $1500L \div 500L = 3$) 4. If the dilute label rate is 10mL/100L, then the concentrate rate becomes 3×10 , that is 30mL/100L of concentrate spray. The chosen spray volume, amount of product per 100L of water, the sprayer set up and operation may need to be changed as the crop grows. For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

FUNGICIDE RESISTANCE WARNING

GROUP	1	FUNGICIDE
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Nufarm Spin Flo Systemic Fungicide is a member of the benzimidazole group of fungicides. For fungicide resistance management Spin Flo is a Group 1 fungicide. Some naturally occurring fungal populations resistant to Spin Flo and other Group 1 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. The resistant fungi will not be controlled by Spin Flo and other Group 1 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 Spin Flo to control resistant fungi.

EXPORT OF TREATED PRODUCE

Growers should note that suitable MRLs or import tolerances may not be established in all markets for produce treated with Spin Flo. If you are growing produce for export, please check with Nufarm for the latest information on MRLs and import tolerances BEFORE using Spin Flo.

COMPATIBILITY

Spin Flo is compatible with many insecticides and fungicides, however to be sure of compatibility with any particular product check with your local dealer first.

PRECAUTIONS

Keep away from the foodstuffs.

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 LIVESTOCK

Spin Flo is of low toxicity to bees.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIROMENT

Very toxic to aquatic life with long lasting effects. DO NOT contaminate wetlands or watercourses with this product or used containers.

REENTRY 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 must be laundered after each days use.

STORAGE AND DISPOSAL

Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. 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 containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and products should NOT be burnt.

WARNING:

Contains carbendazim which causes birth defects and irreversible male infertility in laboratory animals. Avoid contact with carbendazim.

SAFETY DIRECTIONS

Very dangerous, particularly the concentrate. Poisonous if absorbed by skin contact, inhaled or swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. When opening the container, and preparing spray wear elbow-length chemical resistant gloves and face shield. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield and contaminated clothing.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone Australia 13 11 26.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet which can be obtained from your supplier or from 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 Competition and Consumer Act 2010 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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ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS CARBENDAZIM)
UN No: 3082
PACKING GROUP: III
HAZCHEM: 2Z
IN AN EMERGENCY DIAL: 000 POLICE OR FIRE BRIGADE
IN AN EMERGENCY, SPECIALIST ADVICE NUFARM AUSTRALIA LIMITED 1800 033 498