

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

Vision[®]

250 SC FUNGICIDE

**Active Constituents: 200 g/L PYRIMETHANIL
50 g/L FLUQUINCONAZOLE**

GROUP C I FUNGICIDE

For the control of black spot (scab) in apples and pears and powdery mildew in apples.

GENERAL INSTRUCTIONS

Fungicide Resistance Warning

Vision is a combination of a DMI (triazole) and an anilinopyrimidine fungicide. For fungicide resistance management, Vision is both a Group **C** and a Group **I** fungicide.

Some naturally-occurring fungal biotypes resistant to Vision, and other Group **C** and Group **I** 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 Vision and other Group **C** and Group **I** 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, Bayer CropScience Pty Ltd accepts no liability for any losses that may result from the failure of Vision to control resistant fungi.

Integrated Pest Management

Vision is suitable for use in integrated pest management (IPM) programs, however Vision may be a hazard to parasitic wasps and should not be used where these form part of the IPM program.

Export of treated fruit

Growers should note that MRLs or import tolerances do not exist in all markets for fruit treated with Vision. If you are growing fruit for export, please check with Bayer CropScience Pty Ltd for the latest information on MRLs and import tolerances BEFORE using Vision.

Equipment

Ground application

Vision can be applied with all commonly used spray equipment that is fitted with mechanical or hydraulic agitation. Equipment should produce a fine uniform spray coverage of all plant (stems, leaves, flowers) surfaces. Dilute or concentrate spraying equipment is suitable.

Aerial application

Do not apply by aircraft.

Mixing

Add the required amount of Vision directly to the half filled spray vat with agitators in motion. Complete the filling of spray vat under constant agitation. Do not allow the spray mixture to remain in the tank for long periods without agitation.

Application

Dilute Spraying

- ◆ 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 100 L 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

- ◆ 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 then be calculated in the following way:

EXAMPLE ONLY

1. Dilute spray volume as determined above: For example 1500 L/ha
 2. Your chosen concentrate spray volume: For example 500 L/ha
 3. The concentration factor in this example is: 3 X (i.e. $1500 \text{ L} \div 500 \text{ L} = 3$)
 4. If the dilute label rate is 10 mL/100 L, then the concentrate rate becomes 3 x 10, that is 30 mL/ 100 L of concentrate spray.
- ◆ The chosen spray volume, amount of product per 100 L of water, and 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.

Compatibility

Vision is compatible with most commonly used insecticides and miticides, including; Gusathion® SC, Insegar®, Klartan® SC, Lorsban® WP and Omite® WP. Do not mix with products containing aluminium, copper, or products giving an alkaline reaction eg. Bordeaux mixtures or lime sulphur. For further information consult your local reseller.

PRECAUTIONS**Re-entry Period**

Do not allow entry into treated areas until the spray has dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist, elbow-length PVC gloves and impervious footwear. Clothing must be laundered after each day's use.

PROTECTION OF LIVESTOCK

Vision presents a low hazard to bees and can be applied to crops at any time. DO NOT graze any treated area or cut for stock food.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

This product is highly toxic to algae and highly toxic to aquatic invertebrates. DO NOT contaminate streams, rivers or waterways with this product or used container.

DRIFT WARNING

DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto adjacent crops, crop lands, pasture or livestock.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated secure 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 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 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

Harmful if swallowed. Will irritate the eyes. Avoid contact with eyes.

When preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles.

Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (telephone 13 11 26). If swallowed, and if more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet available from Bayer CropScience Pty Ltd.

EXCLUSION OF LIABILITY

This product as supplied is of a 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 the Trade Practices Act or any State or Federal legislation.

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FOR 24 HOUR SPECIALIST ADVICE
IN EMERGENCY ONLY
PHONE 1800 033 111

DIRECTIONS FOR USE

CROP	DISEASE	RATE	CRITICAL COMMENTS
Apples, pears	Black spot (scab) (<i>Venturia inaequalis</i> , <i>Venturia pirina</i>)	<u>Dilute spraying:</u> 75 mL/100 L <u>Concentrate spraying:</u> Refer to the Application section in GENERAL INSTRUCTIONS	Apply at green tip, or at spur burst following a recommended green tip fungicide spray. Repeat at 7 to 10 day intervals up until petal fall. Curative Treatment: Apply within 5 days of the commencement of an infection period. Do NOT apply Vision after petal fall. Do NOT apply more than 3 sprays of Vision per season. After the final Vision application continue the Black Spot (Scab) program with an alternative fungicide within 7 days to retain a protectant cover. 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. Ensure thorough and even coverage of all plant parts.
Apples	Powdery mildew (<i>Podosphaera leucotricha</i>)		Apply at early pink stage, and repeat at 7 to 10 day intervals up until petal fall. Do NOT apply Vision after petal fall. Do NOT apply more than 3 sprays of Vision per season. After the final Vision application further applications may be required with an alternative fungicide. 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. Ensure thorough and even coverage of all plant parts.

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

WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.

DO NOT GRAZE ANY TREATED AREA, OR CUT FOR STOCK FOOD.