

Product Name: EuroChem DODINE 400SC Fungicide
APVMA Approval No: 91217/131412



Label Name:	EuroChem DODINE 400SC Fungicide
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Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENT: 400 g/L Dodine
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Mode of Action:	<table border="1"><tr><td>GROUP</td><td>U12</td><td>FUNGICIDE</td></tr></table>	GROUP	U12	FUNGICIDE
GROUP	U12	FUNGICIDE		

Statement of Claims:	For the control of Black Spot in Apples and Pears as per the Directions for Use table.
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Net Contents:	1L - 20L
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Restraints:	
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	Apples and Pears: DO NOT harvest for 5 days after application Grazing: DO NOT cut fodder for stockfeed or allow livestock to graze vegetation in treated orchards.
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Trade Advice:	
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General Instructions:	This section contains file attachment.
Resistance Warning:	FUNGICIDE RESISTANCE WARNING GROUP U12 FUNGICIDE For fungicide resistance management EuroChem Dodine 400SC is a Group U12 fungicide. Some naturally occurring individual fungi resistant to EuroChem Dodine 400SC and other Group U12 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. These resistant fungi will not be controlled by EuroChem Dodine 400SC and other Group U12 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 EuroChem Pty Ltd accents no liability for any losses that may result from the failure of EuroChem Dodine 400SC to control resistant fungi. RESISTANCE STRATEGY Continual use of this product may result in the build up of strains of disease resistant to EuroChem Dodine 400SC. To avoid resistance build up EuroChem Pty Ltd recommends applying no more than 3 consecutive sprays of EuroChem Dodine 400SC. If more than 3 sprays are required include a fungicide from DMI group before continuing with EuroChem Dodine 400SC.
Precautions:	Re-Entry: DO NOT allow re-entry into treated areas for 2 days after spraying, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use
Protections:	PROTECTION OF LIVESTOCK DO NOT graze cover crops in treated orchards or feed crop residues to livestock. PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT DO NOT contaminate streams, rivers or waterways with the chemical or used containers
Storage and Disposal:	Store in the closed, original container in a well-ventilated area, as cool as possible. DO NOT store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilizers. Triple-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 deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.
Safety Directions:	Harmful if inhaled or swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves, goggles and disposable mist mask.

	When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use wash gloves, goggles and contaminated clothing
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 13 11 26, New Zealand: 0800 764 766.
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First Aid Warnings:	
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DIRECTIONS FOR USE: For All States

Rate In the following table, all rates are given 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.
Crop	Disease	Rate per 100L	Harvest withholding period	Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.
Apples	Black Spot (<i>Venturia inaequalis</i>)	80mL	5 days	Protective Program: Following a copper spray at green tip, apply at pink bud (apples) or white bud (pears) followed by 2 cover sprays 10 days apart, a further 2 cover sprays 10-14 days apart and a fifth cover spray after a further 21 days and then at 4-6 week intervals depending on weather and presence of infection.
Pears	Black Spot (<i>Venturia pirina</i>)	120mL		
				Curative Program: Apply within 36 hours of the start of an infection period (e.g. after rain) which is favourable to development of black spot. This fungicide is subject to resistance strategy. See General Instructions for details

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

GENERAL INSTRUCTIONS:

This product possesses eradicant as well as protective properties. When applied within 36 hours after the start of an infection period, it penetrates the leaf surface to eradicate the black spot or scab infection.

DO NOT use on fruit at temperatures close to freezing point from pink stage on, as fruit russetting may occur.

DO NOT use on apples or pears under conditions conducive to skin damage including russetting, lenticel spotting and drip point burn (Varieties such as Golden Delicious apples and Williams and Packham pears are particularly susceptible)

MIXING

Shake well before use. Add the necessary quantity to about half the required amount of water in the spray tank while the agitator is running. Then add the rest of the water and keep mixture agitated during use.

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 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

- 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 1500L/ha
 2. Your chosen concentrate spray volume: for example 500L/ha
 3. The concentration factor in this example is 3 x (i.e. $1500\text{L} / 500\text{L} = 3$)
 4. If the dilute label rate is 40 mL/100L, then the concentrate rate becomes 3x40, that is 120mL/100L of concentrate spray
- The chosen spray volume, amount of product per 100L 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 Practice

COMPATIBILITY

DO NOT mix with more than one product.

DO NOT mix with Lime Sulphur, Bordeaux mixture, Chlorbenzilate or Alkaline materials.

This product may be mixed with most commonly used insecticides, acaricides and fungicides.

However, with some products, particularly Emulsifiable concentrates and with some types of water, it may be desirable to add non-ionic wetting agent to the water before mixing **EuroChem Dodine 400SC** or adding the other product. Particular combinations should be checked before preparing large amounts.