



Product Name: EuroChem Delos 100EC Fungicide
APVMA Approval No: 59897/127232

Label Name:	EuroChem Delos 100EC Fungicide
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	100 g/L PENCONAZOLE 725 g/L HYDROCARBON LIQUID
Mode of Action:	GROUP 3 FUNGICIDE
Statement of Claims:	Controls Black Spot (Apple Scab and Pear Scab) of Apples and Pears, Powdery Mildew of Apples and Grapes and Ring Spot of Brussels Sprouts as specified in the Directions for Use Table.
Net Contents:	1L 5L
Restrains:	
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	Apples, Pears, Grapes: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION. Brussels Sprouts: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.
Trade Advice:	

General Instructions:	<p>GENERAL INSTRUCTIONS</p> <p>Mixing Add the required amount of product directly to the spray tank and mix well.</p> <p>Application Apply by high volume (dilute) sprayer or by concentrate sprayer.</p> <p>Application in tree and vine crops 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.</p> <p>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 :</p> <p>EXAMPLE ONLY</p> <ol style="list-style-type: none"> 1. Dilute spray volume as determined above: for example, 2000L/ha 2. Your chosen concentrate spray volume: for example, 500L/ha 3. The concentration factor in this example is: $4 \times$ (eg: $2000L \div 500L = 4$) 4. If the dilute label rate is 25mL/100L then the concentrate rate becomes 4×25, that is, 100mL/100L of concentrate spray. <p>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 Practices.</p> <p>Compatibility EuroChem Delos 100EC Fungicide can be mixed with Insegar*, Delfin*, Ridomil* Gold Plus, Scala*, Sumisclex*, Thiovit* Jet and other wettable sulphur formulations and some formulations of : diazinon, azinphos methyl, parathion, endosulfan, carbaryl, chlorpyrifos, propargite, clofentezine fungicides : Bravo*, copper oxychloride, mancozeb, thiram, dithianon, metiram and ziram.</p>
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Resistance Warning:	<p>FUNGICIDE RESISTANCE WARNING:</p> <p>GROUP 3 FUNGICIDE</p> <p>EuroChem Delos 100EC Fungicide is a member of the DMI group of fungicides. For fungicide resistance management EuroChem Delos 100EC Fungicide is a Group 3 fungicide. Some naturally occurring individual fungi resistant to EuroChem Delos 100EC Fungicide and other Group 3 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 Delos 100EC Fungicide or other Group 3 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is</p>
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	difficult to detect prior to use, EuroChem Pty Ltd accepts no liability for any losses that may result from the failure of EuroChem Delos 100EC Fungicide to control resistant fungi.
Precautions:	<p>PRECAUTION Re-entry period DO NOT enter treated area until spray has dried.</p>
Protections:	<p>PROTECTION OF LIVESTOCK Low hazard to bees. May be applied to plants at any time.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT Medium toxicity to fish and aquatic invertebrates. DO NOT contaminate streams, rivers or watercourses with the product or used containers.</p>
Storage and Disposal:	<p>Store in the closed, original container in a cool well-ventilated area. Do not store for prolonged periods in direct sunlight. 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.</p>
Safety Directions:	<p>Will irritate the eyes. May irritate skin. Avoid contact with eyes and skin. When preparing spray wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length chemical resistant gloves and face shield or goggles. If product in eyes, wash out immediately with water. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.</p>
First Aid Instructions:	<p>If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone Australia 13 11 26; New Zealand 0800 764 766. If swallowed, do NOT induce vomiting.</p>
First Aid Warnings:	

DIRECTIONS FOR USE

Crop	Disease	Rate	Critical Comments
<p>Tree and Vine Crops</p> <p>Apples</p>	<p>Suppression of primary infection and control of secondary infections of powdery mildew (<i>Podosphaera leucotricha</i>)</p>	<p>Dilute Spraying : 20 or 25mL/100L water</p> <p>Concentrate Spraying : Refer to the Application section</p>	<p>Apply by dilute or concentrate spraying equipment. Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.</p> <p>Apply 10 days after spurburst at approximately the pink stage (late September/early October). Repeat 4 to 5 times at 10 to 14 day intervals. Susceptible varieties may need further sprays. Apply no more than 8 applications of EuroChem Delos 100EC Fungicide per season.</p> <p>Dilute Spraying : Use the higher rate for spraying of trees heavily infected with Powdery Mildew or under conditions most favourable for the disease.</p> <p>Concentrate Spraying : Use rates towards the higher end of the range on heavily infected tress and when conditions are favourable to mildew development.</p> <p>Care should be taken at the end of rows, on headlands or at other places where a tree might receive more than the normal dose or fungicide as rates higher than recommended may cause damage to fruit and reduce fruit size.</p>
<p>Apples, Pears</p>	<p>Protective and curative control of Apple Scab or Black Spot (<i>Venturia inaequalis</i>) and Pear Scab (<i>Venturia pirina</i>)</p>	<p>Dilute Spraying : 25mL/100L water + full recommended rate (tank mix) of a registered protectant scab fungicide</p> <p>Concentrate Spraying : Refer to the Application section</p>	<p>Apply by dilute or concentrate spraying equipment. Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. This use is subject to an Crop Life anti-resistance strategy.</p> <p>Commence spraying at green tip with an approved fungicide, then apply a tank mixture of EuroChem Delos 100EC Fungicide + registered protectant scab fungicide at spurburst. Repeat applications at 7 to 10 day intervals until the end of October then apply at 14 to 21 day intervals as required, depending on weather conditions and disease incidence. When conditions are likely to have produced an infection period for Apple or Pear Scab or when spore warning service indicates than an infection period has occurred, apply the tank mixture of EuroChem Delos 100EC Fungicide + registered protectant scab fungicide within 4 days to achieve a curative result. Apply no more than 8 applications of EuroChem Delos 100EC Fungicide per season.</p> <p>Care should be taken at the end of rows, on headlands or at other places where a tree might receive more than the normal dose or fungicide as rates higher than recommended may cause damage to fruit and reduce fruit size.</p>
<p>Grapes</p>	<p>Powdery Mildew (<i>Uncinula necator</i>)</p>	<p>Dilute Spraying : 12.5mL/100L water</p> <p>Concentrate Spraying : Refer to the Application section</p>	<p>Apply by dilute or concentrate spraying equipment. Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. This use is subject to an Croplife anti-resistance strategy.</p> <p>Apply before the development of disease when shoots are approximately 20cm long. Apply 2 further treatments at 14 to 21 day intervals. Apply no more than 3 applications of EuroChem Delos 100EC Fungicide per season. DO NOT apply to established Powdery Mildew infections. Use a registered fungicide with a different mode of action if further applications are required.</p>

Crop	Disease	Rate	Critical Comments
Vegetable Crops Brussels Sprouts	Ring Spot <i>(Mycosphaerella brassicicola)</i>	Dilute Spraying : 25mL/100L water + a mancozeb product at 150g/100L water Concentrate Spraying : 250mL/ha + a mancozeb product at 1.7kg/ha	Apply at the first sign of disease development. Make repeat applications at 10 to 14 day intervals during periods that are conducive to disease development. Apply no more than 6 applications of EuroChem Delos 100EC Fungicide per season.

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