



FUNGICIDE

Dyfen®

Fungicide for the control of Stemphylium Leaf Spot on Asparagus, Leaf Sots on Carrots, Ring Spot on Horticultural Brassica's and Early Blight on Potatoes

Contains 250g/litre difenoconazole in the form of an emulsifiable concentrate

Also contains 629 g/L hydrocarbon liquids

DANGER // COMBUSTIBLE LIQUID // ECOTOXIC

Keep out of the reach of children

Net Contents **10 LITRES**

GROUP

3

FUNGICIDE



agrisource.co.nz

FREE RECYCLING

AGRECOVERY
www.agrecovery.co.nz

READ LABEL COMPLETELY BEFORE USE

DANGER

May be fatal if swallowed and enters airways. Causes serious eye damage. May cause damage to organs through prolonged or repeated exposure.

COMBUSTIBLE LIQUID

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

ECOTOXICITY

Toxic to aquatic life with long lasting effects. Avoid contamination of any water supply with product or empty container. Avoid release to the environment. Collect spillage. Hazardous to terrestrial vertebrates. Take all reasonable steps to ensure non-target terrestrial vertebrates are not adversely affected by the substance



HANDLING PRECAUTIONS - FOR WORKPLACE USE ONLY

Personal Protection: Do not handle until all safety precautions have been read and understood. No smoking. Do not breathe dust, fumes, gas, mist, vapours or spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. When mixing or applying, avoid contact with skin and eyes. Wear full protective clothing, gloves and goggles. Wash hands and face before meals and after work. Wash protective clothing after work. Contaminated work clothing should not be allowed out of the workplace.

Equipment: Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409). Flush spray equipment thoroughly with water after use.

Storage: Store in original container tightly closed and in a locked, dry, cool, well ventilated area away from fertilisers, feed, seeds and foodstuffs. Keep out of reach of children. Store in accordance with NZ 8409 Management of Agrichemicals. Stores containing more than 1000 Litres of **Dyfen** are subject to signage and secondary containment and require an emergency response plan.

Shelf Life: When stored appropriately this product should show no significant degradation for two years from the date of manufacture.

Spillage: Move non-essential people from the area. Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Sweep up solids without creating dust. Wash area with water and absorb with further inert material. Dispose of waste safely (such as to a suitable landfill).

Product Disposal: Dispose of unwanted product is by use by another operator strictly in accordance with label directions or through an approved facility.

Container Disposal: Triple rinse container and add rinse to spray tank. Dispose of cleaned container at your local AGRECOVERY container collection site.

Safety Data Sheet: Additional information is provided in the SDS available from your supplier, or www.agrisource.co.nz

FIRST AID

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell IF SWALLOWED: Rinse Mouth. DO NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF exposed or concerned or if you feel unwell: Get medical advice/attention. For advice, contact the National Poisons Centre 0800 Poison (0800 764 766) or a doctor immediately. If medical advice is needed, have product container or label at hand.

EMERGENCY RESPONSE

In a transport emergency call 111, Police or Fire Brigade. In case of fire use a fine water spray/fog or dry chemical powder to extinguish.

GENERAL INFORMATION

Dyfen is a systemic triazole (DMI) fungicide with preventative and curative properties for the control of Leaf Spots on carrots, Ring Spot on horticultural brassicas, Early Blight on potatoes and Stemphylium Leaf Spot on asparagus. **Dyfen** penetrates rapidly into the leaf tissue, where it acts curatively on the developing fungal infections by inhibiting the creation of sterols in fungal cell walls.

IMPORTANT - RESISTANCE MANAGEMENT

Dyfen contains the **GROUP 3 FUNGICIDE** difenoconazole. Resistance to pesticides can develop from excessive use. To minimise this risk, avoid using this fungicide exclusively all season, avoid unnecessary spraying and endeavour to alternate with fungicides from other groups within the crop and in subsequent seasons for a sprayed paddock. Use strictly in accordance with label instructions. Maintain good cultural practices. For further resistance management information refer to www.resistance.nzpps.org for more detailed information.

DISEASES CONTROLLED

Stemphylium Leaf spot on Asparagus, Leaf Spots on Carrots, Ring Spot on horticultural Brassicas, and Early Blight on Potatoes.

MIXING

Half fill spray tank with water, with agitation running, add the required amount of **Dyfen**, top up with water and agitate thoroughly before use.

SPRAY DRIFT

Take all reasonable steps to ensure that **Dyfen** does not cause any significant adverse effects to the environment beyond the application area.

It is an offence to use this product on animals.

APPLICATION RATES - It is essential to add a non-ionic wetting agent.

Crop	Disease	Rate	Critical Comments
Asparagus	Stemphylium		Apply after 'close up', at the first sign of disease, and repeat at 3 week intervals, with a maximum of 3 applications, use an approved protectant at other times. Aerial application , a minimum of 100 Litres/ha.
Carrots	Leafspots	Use 500 mls Dyfen in 500-700 Litres of water/ha (ground spray)	Apply at first sign of the disease, repeat at 2-3 week intervals, with a maximum of 3 applications. Use an approved protectant at other times.
Horticultural Brassicas	Ring Spot		Apply at first sign of the disease repeat at 2-3 week intervals depending on disease pressure, with a maximum of 3 applications. Use an approved protectant at other times.
Potatoes	Early Blight		Apply at first sign of the disease, repeat at 2 week intervals, with a maximum of 3 applications. Use an approved protectant at other times.

CONDITIONS OF SUPPLY

All goods supplied by us are produced under rigid quality control procedures which assure the purchaser that at the time of sale they are physically suitable for use in the manner stated. However, to the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Agri Solutions Ltd as registrant, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

BATCH NO:

*Dyfen is the registered Trademark of Agri Solutions Ltd

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See www.foodsafety.govt.nz for registration conditions

Approved pursuant to HSNO Act 1996 No. HSR100519
See www.epa.govt.nz for approval conditions

DATE OF
MANUFACTURE:

REGISTRANT

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24 HOUR EMERGENCY RESPONSE 0800 CHEMCALL (0800 243 622)