

### DANGER KEEP OUT OF REACH OF CHILDREN READ LABEL BEFORE USE

# Delan<sup>®</sup> WG

Contains 700 g/kg dithianon in the form of a water dispersible granule

## GROUP M9 FUNGICIDE

A protectant fungicide for use on pipfruit and grapes

Contents: 2 kg

Registered to and distributed by: **BASF New Zealand Limited** NZBN 9429032151299 P.O. Box 407, Auckland 1140 Phone: 0800 932 273 crop-solutions.basf.co.nz







NEW ZEAL

12/02/2024

Delan®

#### DANGER

Toxic if swallowed. Harmful if inhaled. Causes serious eye irritation. May cause an allergic skin reaction. Causes damage to kidneys through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Hazardous to terrestrial vertebrates.

#### PRECAUTIONS

#### This substance is restricted to use in the workplace only.

**HANDLING:** The person mixing or applying this product must be a qualified contractor or qualified person. Any person mixing, loading or handling this product must be a qualified loader. Use personal protective equipment as required. Use only outdoors or in a well ventilated area.

**STORAGE:** Keep out of reach of children. Store locked up. Store in original container, tightly closed, in a dry, cool, well-ventilated place away from food and animal feeds. Stores containing 100 kg or more of this product require emergency response plans and are subject to signage.

TRANSPORT: DO NOT carry more than 3kg of this product on a passenger service vehicle.

**SPILLAGE:** Collect spillage. Prevent further spillage and product from entering waterways. Wear suitable protective clothing (coveralls), suitable protective gloves, suitable footwear and goggles. Sweep and shovel up spill and place in sealable container labelled for disposal. Avoid dust formation. Wash affected area with water and detergent. Absorb and collect washings and place in the same sealable container as the spilled material. Dispose of the waste safely in suitable landfill.

**PERSONAL PROTECTION:** When mixing, and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, suitable gloves and face protection (face shield). Wear suitable protective clothing (coveralls), eye protection and face protection during application.

**GENERAL SAFETY AND HYGIENE MEASURES:** Avoid contact with skin, eyes and clothing, and DO NOT breathe spray mist. DO NOT eat, drink, or smoke while using this product. Remove protective clothing and wash hands and exposed skin thoroughly with soap and water after handling before meals and after work. Wash protective clothing immediately after use. Contaminated work clothing should not be allowed out of the workplace. Store work clothing separately.

**USE AND ENVIRONMENTAL PROTECTION:** Remove domestic animals from the operating area. Apply with well-maintained and accurately calibrated equipment. DO NOT allow spray drift outside the target area to occur. DO NOT apply directly into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Toxic to terrestrial vertebrates. Clean out application equipment thoroughly after use. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. DO NOT contaminate water when disposing of equipment wash waters.

**RECORD KEEPING:** Records of use must be kept if 3 kg or more of this product is applied within 24 hours in a place where it is likely to enter air and water and leave the application area.

**NOTE:** Storage, application and record keeping must be as described in the current version of the New Zealand Standard for the Management of Agrichemicals NZS8409.

**DISPOSAL:** Container: Triple rinse empty container and add rinsate to the spray tank. Recycle through Agrecovery (0800 247 326, www.agrecovery.co.nz). Product: Dispose of this product only by using according to the label or at an approved landfill. DO NOT burn product. DO NOT contaminate water the product or its container. DO NOT clean application equipment near surface water. Avoid contamination of the drains from farmyards and roads.

#### **FIRST AID**

If medical advice is needed, have product container or label at hand. IF SWALLOWED: Immediately call a POISON CENTER 0800 POISONS (0800 764 766) or doctor/physician. DO NOT induce vomiting. Rinse mouth and then drink 200-300 mL of water. IF ON SKIN: Wash with plenty of soap and water. DO NOT scrub the skin. If skin irritation or rash occurs or if you feel unwell, get medical advice/attention. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

#### CONDITIONS OF SUPPLY

Read conditions of supply before buying and using. If these conditions are unacceptable, return at once unopened. All goods supplied by BASF New Zealand Limited are of a high grade and conform to the chemical description of the label. However, to the extent permitted by law, neither BASF nor any of its Distributors accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with the supply of those goods including without limitation their storage, application, handling or use. BASF New Zealand Limited nor any of its Distributors, make no warranties of any kind, express or implied, with respect to fitness for purpose (including crop injury, ineffectiveness or any other unintended consequence), merchantable quality or any other matter with respect to these goods. When you are a consumer as defined in the Consumer Guarantees Act 1993 (the "Act") these conditions will be subject to the provisions of the Act. However, the Act will not apply to goods supplied to you for business purposes.

Registered pursuant to the ACVM Act 1997, No. P3507 See <u>www.foodsafety.govt.nz</u> for registration conditions Approved pursuant to the HSNO Act 1996, Code HSR000662 See <u>www.epa.govt.nz</u> for approval controls

Batch No: Date of Manufacture:

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Delan® WG by BASF



#### **GENERAL INFORMATION**

DELAN WG is a protectant fungicide that inhibits spore germination. It has good adhesion to plant surfaces and is relatively rainfast. It is compatible with IMC programmes involving *T. pyri*.

#### **RESISTANCE MANAGEMENT**

DELAN WG contains dithianon, a quinone fungicide with a multi-site contact mode of action

**GROUP M9 FUNGICIDE**. Resistance to this fungicide could develop from excessive use. To minimise this risk use strictly in accordance with the label instructions and resistance management strategies that exist for any fungus listed on the label. DELAN WG should be used in a programme that incorporates fungicides with different modes of action to that of a Group M9 fungicide. Refer to the NZCPR web site < www.resistance.nzpps.org > for more detailed information.

#### **DIRECTIONS FOR USE**

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#### It is an offence to use this product on animals.

The rates recommended are for high volume spraying to the point of run off. For concentrate spraying adjust dilution rate accordingly.

Сгор	Disease	Rate (g per 100 litres)	Critical Comments
Apples	Black spot Glomerella	18 (Apply a minimum 360 g/ha)	Apply at 7-10 day intervals over the primary black spot infection period from green tip to petal fall, and then continue at 10-14 day intervals from first cover onwards. Use under cold, frosty or slow drying conditions may cause fruit russeting. In tank mixture with a suitable DMI fungicide DELAN WG may be applied at 11g/100 litres over the russet sensitive period from pink to second cover when an infection period has occurred.
Grapes	Black spot (Anthracnose) Downy mildew	55 (Apply a minimum 360 g/ha up to shoots 10-15cm in length, and a minimum 715 g/ha thereafter)	Apply DELAN WG at 10-14 day intervals from bud swell. During wet downy mildew periods spray at 10 day intervals. <i>Note: May cause superficial berry smudge on some</i> <i>varieties.</i>
Pears OR PRIMAR	Black spot	25 (Apply a minimum 650 g/ha)	Apply at 7-10 day intervals over the primary black spot infection period from green tip to petal fall, and then continue at 10-14 day intervals from first cover onwards. Use under cold, frosty or slow drying conditions may cause fruit russeting on smooth skin varieties.



#### **Withholding Periods**

## It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

Apples and Pears:	DO NOT apply later than 42 days before harvest.
Grapes:	DO NOT apply later than 21 days before harvest.

#### Application

Ensure that spray equipment is properly calibrated. Complete spray coverage is essential for consistent disease control with any fungicide. Forward speeds should be sufficiently slow to ensure full spray coverage of the crop being treated. DO NOT over spray. For specified crops, DO NOT apply less than the label recommended minimum rate of DELAN WG.

#### **Mixing Directions**

Half fill the spray tank with water then, with the agitators running, pour in the required quantity of DELAN WG and top up with water. Maintain agitation continuously.

#### Compatibility

DELAN WG is not compatible with chlorpyrifos EC, iprodione, prothiofos, vinclozolin, and alkaline materials such as lime, lime sulphur or Bordeaux mixture. DO NOT mix adjuvants (stickers, rainfasteners etc) with DELAN WG or apply within 48 hours (before or after) of a DELAN WG spray. DO NOT apply summer oils within 21 days (before or after) of a DELAN WG spray. DELAN WG may be applied in tank mixture with oil over the green tip period.

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