

DANGER
Keep out of reach of children



Talendo[®]

FUNGICIDE

ACTIVE INGREDIENT: Contains 200 g/L proquinazid in the form of an emulsifiable concentrate.

GROUP	13	FUNGICIDE
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For the control of Powdery mildew in apples, cucurbits and grapes.

READ THE LABEL COMPLETELY BEFORE USE

NET CONTENTS: 1 L, 5 L

Corteva Agriscience New Zealand Limited

Private Bag 2017

New Plymouth 4342

www.corteva.co.nz

Telephone: 0800 803 939



INFORMATION WITHIN THIS BOX IS NOT PART OF THE LABEL
Talendo[™] Fungicide

10 May 2022

DANGER



Flammable liquid Category 4
Skin irritation Category 2
Serious eye damage Category 1
Carcinogenicity Category 2
Specific target organ toxicity (repeated exposure) Category 1
Hazardous to the aquatic environment chronic Category 2

QUALIFICATION REQUIREMENTS

This product must be under the control of an approved handler during use. Use of this product in any manner contrary to this label may be an offence under the HSNO Act.

RECORD KEEPING

Records of use, as described in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017 and the New Zealand Standard for the Management of Agrichemicals (NZS8049), must be kept.

PHYSICAL HAZARDS

Combustible liquid. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. In case of fire: use dry sand, dry chemical or alcohol-resistant foam.

HEALTH HAZARDS

Causes skin irritation. Causes serious eye damage. Suspected of causing cancer. Obtain special instruction before use. DO NOT handle until all safety precautions have been read and understood. Causes damage to organs through prolonged or repeated exposure. DO NOT breathe fumes, gas, mist, vapours or spray. Wash hands and face thoroughly after handling. DO NOT eat, drink or smoke when using this product.

ENVIRONMENTAL HAZARDS

Toxic to aquatic life with long lasting effects. Avoid release to the environment. 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.

HANDLING PRECAUTIONS

EQUIPMENT

Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

Flush equipment thoroughly with clean water after use according to the Cleaning Spray Equipment instructions below. Dispose of the cleaning water according to the Disposal instructions below.

STORAGE

Store locked up in original container, tightly closed. Store in a cool, well ventilated place. DO NOT store for prolonged periods in direct sunlight. **DO NOT** store with Class 1, 2, 3.2, 4 or 5 substances or feed, seeds or foodstuffs. Stores containing more than 100 L of this product require secondary containment and are subject to signage. When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

PERSONAL PROTECTION

When opening the container, preparing the product for use and applying the product, wear protective gloves, hat, eye protection, overalls buttoned to the neck and wrist and footwear. Take off contaminated clothing and wash it before reuse.

SPILLAGE

DO NOT touch or walk through spilled material. Wear the protective equipment recommended above. Stop leak when safe to do so. Dam area and prevent entry into waterways, and drains. **Small spills/leaks:** Absorb with proprietary absorbent suitable for chemical spills or inert material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal. **Large spills/leaks:** Dam the area off and report them to Corteva Agriscience Emergency Services at 0800 844 455.

DISPOSAL

Triple rinse empty container and add rinsate to spray tank. Triple rinsed containers containing the Agrecovery logo on the label and that are free of all residues (liquid and dry) and have an intact legible label may be taken to an Agrecovery collection site. Otherwise crush or puncture and bury in a suitably approved landfill. DO NOT burn empty containers. Dispose of this product only by using according to the label, at an approved landfill or via Agrecovery (visit www.agrecovery.co.nz or call 0800 AGRECOVERY (247 326) for information about the type and quantity of chemical acceptable for disposal). DO NOT burn. Dispose of equipment cleaning water onto ground away from susceptible crops and plants. DO NOT dispose of this product; spray mix or equipment cleaning water down drains or sewers.

FIRST AID

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 centre. If exposed or concerned: get medical advice. For advice, contact the National Poisons Centre 0800 POISON (0800 764766) or a doctor. If medical advice is needed, have the product container or label at hand.

SAFETY DATA SHEET

A Safety Data Sheet is available from Corteva Agriscience on request. Call Customer Service Toll Free on 0800 803 939 or visit www.corteva.co.nz

NOTICE

Important: You **must** read the warning and conditions given on this label. If they are not acceptable, or if you are in doubt as to the proper handling of this product (including its transport, storage, use, disposal, and requirements for approved handlers [if applicable]) then return the unopened product to the supplier at once.

Warning: This product is subject to controls and could be hazardous if handled incorrectly. The **user is responsible** for ensuring that the handling of this product is in accordance with the law (including the *Hazardous Substances and New Organisms Act 1996* and the *Agricultural Compounds and Veterinary Medicines Act 1997*) and with the directions provided. The Registrant declines all liability (whether in contract, tort (including but not limited to negligence), or otherwise) to the maximum extent permitted by law in relation to the handling of this product in a manner which is contrary to the directions given or to any applicable Acts, Regulations or Guidelines.

Further information regarding the applicable Acts, Regulations and Guidelines for the proper handling of this product may be obtained by contacting EPA New Zealand (www.epa.govt.nz) or the Ministry for Primary Industries (MPI) (www.foodsafety.govt.nz).

This product is warranted to contain the specified active ingredients within accepted analytical tolerance when packed.

NOTICE TO BUYER

To the extent permitted by law all conditions and warranties and statutory or other rights of action which buyer or any other user may have against Corteva Agriscience or Seller are hereby excluded. Corteva Agriscience hereby give notice to buyer and other users that it will not accept responsibility for any indirect or consequential loss arising from reliance on product information or advice provided by Corteva Agriscience or on its behalf unless it is established that such information or advice was provided negligently and that the product has been used strictly as directed. Corteva Agriscience's liability shall in all circumstances be limited to replacement of the product or a refund of the purchase price paid thereof.

Registered pursuant to the ACVM Act 1997, No P8381
See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to HSNO Act 1996, EPA Approval Code HSR100543
See www.epa.govt.nz for approval controls.

Registered to: Corteva Agriscience New Zealand Limited Private Bag 2017 New Plymouth 4342 www.corteva.co.nz Telephone: 0800 803 939	EMERGENCY RESPONSE (All hours) Ring from anywhere in New Zealand 0800 844 455, Or Globally +64 6 751 2407	IN A TRANSPORT EMERGENCY DIAL 111 FOR POLICE OR FIRE
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Date of Manufacture:

Batch No.

Barcode

GENERAL INSTRUCTIONS

Talendo® is an emulsifiable concentrate containing 200 g/L proquinazid for the control of Powdery mildew in apples, cucurbits, and grapes. Proquinazid is a new quinazolinone fungicide with a novel mode of action; it acts preventively on Powdery mildew by inhibiting spore germination and appressorium formation.

MIXING INSTRUCTIONS

Ensure the spraying equipment is clean and properly calibrated prior to application. Talendo® mixes easily with water and should be added directly to the spray tank during filling. Washout container and add washings to the spray tank. Continue agitation until spraying is complete.

Mixing Order

The mixing sequence recommended is: water soluble bags, dry flowable or water dispersible granules, wettable powders, water-based suspension concentrates, water soluble concentrates, oil-based suspension concentrates, emulsifiable concentrates such as Talendo®, soluble fertilisers.

SURFACTANT/WETTING AGENT

Not required.

COMPATIBILITY

Talendo® can be mixed with most commonly used fungicides and insecticides.

RAINFASTNESS

Talendo® is rainfast two hours after application.

MINIMISING SPRAY DRIFT

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator must consider all these factors when making application decisions.

The most effective way to reduce drift potential is to apply large droplets (volume mean diameter (VMD) > 250 - 300 microns). The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT MINIMISE DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVOURABLE ENVIRONMENTAL CONDITIONS. When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

DO NOT apply in orchards or vineyards when wind speed is less than 3 or more than 20 kilometres per hour are measured 15 metres outside of the vineyard on the upwind side.

Ground application

Use a sprayer fitted with high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets. Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size, DOES NOT improve canopy penetration and may increase drift potential. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE. Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets.

Consider using low-drift nozzles. For orchard/vineyard sprayers avoid directing spray above trees and always turn-off outward pointing nozzles at row ends and outer rows. Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.

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 runoff. Avoid excessive run-off. Always apply sufficient water to cover the crop to the point of runoff, otherwise under dosing will occur and disease control may be inadequate.

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.

WITHHOLDING PERIODS

HARVEST

Apples: DO NOT harvest for 56 days after application.

Grapes: DO NOT apply after bunch closure (at least 56 days prior to harvest).

Marrow, Melons, Pumpkins, Squash: DO NOT harvest for 14 days after application.

Zucchini: DO NOT harvest for 1 day after application.

RESISTANCE MANAGEMENT

GROUP	13	FUNGICIDE
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Talendo® is a member of the Quinazolinone group of fungicides. For resistance management the product is a Group 13 fungicide. Some naturally occurring individual fungi resistant to Group 13 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 this product or other Group 13 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, Corteva Agriscience New Zealand Limited accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

DIRECTIONS FOR USE

It is an offence to use this product on animals.

CROP	PEST	RATE / 100 L	CRITICAL COMMENTS
All rates are for dilute spraying. For concentrate spraying rates, refer to the Mixing/ Application section. If using concentrate application, apply the same total amount of product to the target crop.			
Apples	Powdery mildew	<p><u>Dilute spraying:</u> 25 mL / 100 L water (Minimum of 500 mL/ha).</p> <p><u>Concentrate spraying:</u> Refer to the Mixing / Application section</p>	<p>Use as a protectant treatment only. Talendo® fungicide has no curative activity and does not control existing infections.</p> <p>Apply Talendo® at a minimum interval of 14 days from after the 2nd cover spray.</p> <p>Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the crop whether applied by either dilute or concentrate spraying.</p> <p>DO NOT use more than two applications to any crop in any one season with a minimum spray interval of 14 days. Further treatments should be made with fungicides from a different fungicide group.</p> <p>Concentrated spray: DO NOT apply in volumes less than 400 L/ha, or with a concentration factor greater than 3 X. This low water volume is dependent on the suitability of concentrated spray application equipment. More reliable application may be gained through increased water volumes.</p>
Grapes	Powdery mildew	<p><u>Dilute spraying:</u> 25 mL / 100 L water (Minimum of 200 mL/ha over flowering to 250 mL/ha at bunch closure).</p> <p><u>Concentrate spraying:</u> Refer to the Mixing / Application section</p>	<p>Use as a protectant treatment only. Talendo® has no curative activity and does not control existing infections (Powdery mildew between infection and visible stage). *Use a curative fungicide to control an existing infection.</p> <p>Apply Talendo® at a minimum interval of 14 days.</p> <p>Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the vines whether applied by either dilute or concentrate spraying.</p> <p>DO NOT use more than three applications to any vine crop in any one season. No more than two consecutive sprays per crop, with a minimum spray interval of 14 days. Further treatments should be made with fungicides from a different fungicide group.</p> <p>Concentrated spray: DO NOT apply in volumes less than 400 L/ha, or with a concentration factor greater than 3 X. This low water volume is dependent on the suitability of concentrated spray application equipment. More reliable application may be gained through increased water volumes.</p>
Marrow, Melons, Pumpkins, Squash, Zucchini		250 mL/ha	<p>Apply on a protectant program or at the first sign of infection and repeat at 14 day intervals.</p> <p>DO NOT use more than three applications to any crop in any one season and no more than two consecutive sprays per crop with a minimum spray interval of 14 days. Further treatments should be made with fungicides from a different fungicide group.</p>

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.

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