

POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Talendo®

FUNGICIDE

ACTIVE CONSTITUENT: 200 g/L PROQUINAZID

GROUP 13 FUNGICIDE

For the control of Powdery mildew in Cucurbits, Fruiting vegetables, Grapes and Pome fruit as per the Directions for Use.

Pack Sizes: 1L, 2.5L, 5 L

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone: *Australia* 13 11 26. *New Zealand* 0800 764 766.

**EMERGENCY RESPONSE
(ALL HOURS)**
RING FROM ANYWHERE IN
AUSTRALIA
1800 370 754
(LOCAL CALL FEE ONLY)

SAFETY DIRECTIONS

- Will irritate the nose and throat. Will damage the eyes and skin.
- Avoid contact with the eyes and skin. DO NOT inhale vapour.
- If product on skin, immediately wash area with soap and water.
- If product in eyes, wash it out immediately with water.
- If clothing is contaminated with product, remove clothing immediately.
- When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length chemical resistance gloves, face shield or goggles and a disposable fume face mask covering mouth and nose.
- When using prepared spray wear cotton overalls buttoned to the neck and wrist and elbow-length chemical resistance gloves. If applying by spray equipment carried on the back of the user wear cotton overalls over normal clothing, buttoned to the neck and wrist, and elbow-length chemical resistant gloves. Wash hands after use. After each day's use wash gloves, face shield or goggles, and contaminated clothing.

IN A TRANSPORT
EMERGENCY ONLY
DIAL 000
FOR POLICE OR
FIRE BRIGADE

SAFETY DATA SHEET

Additional information is listed on the Safety Data Sheet for **TALENDO® FUNGICIDE** which is available from Corteva Agriscience on request. Call Customer Service Toll Free on 1-800 700 096 or visit www.corteva.com.au



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Visit us at corteva.com.au

GENERAL INSTRUCTIONS

Talendo® fungicide is an emulsifiable concentrate containing 200 g/L proquinazid for the control of powdery mildew. Proquinazid is a Quinoline fungicide which acts preventatively on Powdery mildew by inhibiting spore germination and appressorium formation.

RESTRAINTS

DO NOT apply with aircraft.

DO NOT apply if heavy rains or storms are forecast within 3 days.

DO NOT irrigate to the point of runoff for at least 3 days after application.

DO NOT apply to pome fruits in water volumes above 1,500 L/ha.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift.

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The advisory buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are surface temperature inversion conditions present at the application site during the time of application. These conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements, OR the conditions provided in a relevant output of the Spray Drift Management Tool (website URL to be confirmed), are met:

- spray droplets not smaller than a MEDIUM spray droplet size category
- minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for boom sprayers						
Application rate	Boom height above the target canopy	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to maximum label rate	0.5 m or lower	0 metres	0 metres	0 metres	0 metres	0 metres
	1.0 m or lower	0 metres	0 metres	0 metres	0 metres	45 metres
250 mL/ha or lower	0.5 m or lower	0 metres	0 metres	0 metres	0 metres	0 metres
	1.0 m or lower	0 metres	0 metres	0 metres	0 metres	20 metres

DO NOT apply by a vertical sprayer unless the following requirements, OR the conditions provided in a relevant output of the Spray Drift Management Tool (www.apvma.gov.au/spraydrift), are met:

- spray is not directed above the target canopy
- the outside of the sprayer is turned off when turning at the end of rows and when spraying the outer row on each side of the application site
- for dilute water rates up to the maximum listed for each type of canopy specified, minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for vertical sprayers') are observed.

Buffer zones for vertical sprayers					
Type of target canopy	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
2 metres tall and smaller, maximum dilute water rate of 1,000 L/ha	0 metres	0 metres	0 metres	0 metres	0 metres
Taller than 2 metres (not fully foliated), maximum dilute water rate of 1,500 L/ha	0 metres	0 metres	0 metres	0 metres	15 metres
Taller than 2 metres (fully foliated), maximum dilute water rate of 1,500 L/ha	0 metres	0 metres	0 metres	0 metres	10 metres

DIRECTIONS FOR USE

For use in all States where appropriate for the crop and/or disease.

CROP	DISEASE	RATE	WHP	CRITICAL COMMENTS
Cucurbits (field grown only) including: Bitter melon, Chokos, Cucumber, Gherkin, Marrow, Melons, Pumpkin, Rockmelon, Squash, Zucchini	Powdery mildew <i>(Podosphaera xanthii/ Sphaerotheca fulginea)</i>	250 mL/ha	1 day	Use as a protectant treatment only. Talendo® fungicide has no curative activity and does not control existing infections (including Powdery mildew between infection and visible stage). Apply Talendo® fungicide or at the first sign of infection and repeat at 10 – 14 day intervals using the shorter interval during periods of heavy infection pressure. DO NOT apply more than three (3) applications to any crop in any one season. No more than two (2) consecutive sprays per crop. As a precaution, DO NOT exceed more than one third of the total Powdery mildew spray program with Talendo® fungicide. Further treatments should be made with fungicides from a different fungicide group.
Fruiting vegetables (field grown only) including: Egg plants, Capsicums (Pepper), Chillies, Tomatillo, Tomatoes	Powdery mildew <i>(Leveillulo taurica)</i>	500 mL/ha	Not required when used as directed	Use as a protectant treatment only. Talendo® fungicide has no curative activity and does not control existing infections (including powdery mildew between infection and visible stage). Apply Talendo® as part of a preventative programme, or at the first sign of infection. Repeat application at 7 - 14 day intervals using the shorter interval during periods of heavy infection pressure. DO NOT use more than three (3) applications to any crop in any one season. No more than two (2) consecutive sprays per crop. Further treatments should be made with fungicides from a different fungicide group.

CROP	DISEASE	RATE	WHP	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.				
Grapes	Powdery mildew (<i>Erysiphe necator</i>)	<u>Dilute Spraying:</u> 25 mL/100 L water	28 days (For export wines refer to the AWRI Winegrid)	Use as a protectant treatment only. Talendo® fungicide has no curative activity and does not control existing infections (i.e. between infection and visible stage). Apply Talendo® at a minimum interval of 14 days. DO NOT apply more than three (3) applications per crop in any one season. DO NOT apply more than two (2) consecutive sprays per crop. Further treatments should be made with fungicides from a different fungicide group. Concentrated spray: DO NOT apply in water volumes less than 250 L/ha, or with a concentration factor greater than 4X. This low water volume is dependent on the suitability of concentrated spray application equipment. More reliable application may be gained through increased water volumes.
		<u>Concentrate Spraying:</u> Refer to the Mixing/Application section		
Pome fruit including: Apples, Nashi pears, Pears	Powdery mildew (<i>Podosphaera leucotricha</i>)	<u>Dilute Spraying:</u> 25 mL/100 L water	28 days	Use as a protectant treatment only. Talendo fungicide has no curative activity and does not control existing infections. Apply Talendo at a minimum spray interval of fourteen (14) days from open cluster. DO NOT apply more than three (3) applications to any crop in any one season. DO NOT apply more than two (2) consecutive sprays per crop. Further treatments should be made with fungicides from a different fungicide group. Concentrated spray: DO NOT apply in water volumes less than 400 L/ha, or with a concentration factor greater than 3X. This low water volume is dependent on the suitability of concentrated spray application equipment. More reliable application may be gained through increased water volumes.
		<u>Concentrate Spraying:</u> Refer to the Mixing/Application section		

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

Talendo® is a foliar applied protectant fungicide that has only preventative action. Talendo® fungicide has the ability to volatilise and be reabsorbed on to new untreated plant tissue. Protection is not limited to the plant tissue to which it is applied.

HARVEST WITHHOLDING PERIODS

CUCURBITS: DO NOT HARVEST FOR 1 DAYS AFTER APPLICATION.

FRUITING VEGETABLES : NOT REQUIRED WHEN USED AS DIRECTED

GRAPES: DO NOT HARVEST FOR 28 DAYS AFTER APPLICATION.

GRAPES FOR EXPORT WINE: REFER TO THE AWRI WINEGRID.

POME FRUIT: DO NOT HARVEST FOR 28 DAYS AFTER APPLICATION.

GRAZING

DO NOT GRAZE OR CUT FOR STOCK FOOD.

EXPORT OF TREATED PRODUCE

Apple, Capsicum, Cucurbit, Pear, Table grape and Tomato growers should note that suitable Maximum Residue Levels (MRLs) or import tolerances may not be established in all markets for Apples, Capsicums, Cucurbits, Pears, Table grapes and Tomatoes treated with Talendo® fungicide. If you are growing Apples, Capsicums, Cucurbits, Table grapes and Tomatoes for export, please check with Corteva Agriscience for the latest information on MRLs and export tolerances before using this product.

APPLICATION

Ensure sufficient volume of water (L/ha) is used to achieve thorough coverage.

Apply to:

1. Cucurbits by boom equipment using spray volumes between 250 to 500 L/ha.
2. Fruiting vegetables by boom equipment using spray volumes between 250 to 1500 L/ha.
3. Grapes/Pome fruit.

Dilute spraying

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/vines 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. Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Always apply sufficient water to cover the crop to the point of run-off, otherwise under dosing will occur and disease control may be inadequate. 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.

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 (Grapes and Pome fruit only)

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

Dilute spray volume as determined above: For example: 1500 L/ha.

Your chosen concentrate spray volume: For example: 500 L/ha.

The concentration factor in this example is : 3 times (i.e. 1500 L divided by 500 L = 3).

If the dilute label rate is 25 mL/100 L, then the concentrate rate becomes 3 x 25, that is, 75 mL/100 L of concentrate spray.

The chosen spray volume, amount of product per 100 L 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.

COMPATIBILITY

Talendo® can be tank mixed with most fungicides and insecticides used in grapes, such as:

Fungicides: Kocide® Opti®, Kocide® Blue Xtra, mancozeb, boscalid, pyrimethanil.

Insecticides: Avatar, formulations containing *Bacillus thuringiensis*.

However, since the formulations of products are always changing, it is advisable to test the physical compatibility of desired tank mixes and check for adverse effects like settling out or flocculation. To determine the physical compatibility, add the recommended proportions of the tank mix products to water, mix thoroughly and allow to stand for 20 minutes. If the combination remains mixed, or can be re-mixed readily, it is considered physically compatible.

The crop safety of all potential tank-mixes, including additives and other pesticides, on all crops has not been tested. Before applying any tank-mix not specifically recommended on this label or other Corteva Agriscience supplemental labelling, the safety to the target crop must be confirmed. To test for crop safety, apply the combination to a small area of the target crop in accordance with the label instructions to ensure that a phytotoxic response will not occur.

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 (e.g. Talendo), adjuvants and surfactants, soluble fertilisers.

RAINFASTNESS

Talendo is rainfast two hours after application.

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.

Once dispersed, the material must be kept in suspension at all times by continuous agitation. Use mechanical or hydraulic means, **DO NOT** use air agitation, premix or slurry.

If spray solution is left standing, ensure thorough re-agitation of the spray mix until fully resuspended. **DO NOT** allow spray mix to sit overnight, as resuspension may be difficult.

Surfactant/Wetting Agents

Use of a surfactant/wetting agent is not required.

RE-ENTRY STATEMENT

DO NOT allow entry into treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing), and chemical resistance gloves. Clothing must be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. **DO NOT** contaminate streams, rivers or waterways with the chemical or used containers.

FUNGICIDE RESISTANCE WARNING

GROUP 13 FUNGICIDE

Talendo® fungicide is a member of the Aza-naphthalene 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 by 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, Production Agriscience (Australia) Pty Limited* accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

* Production Agriscience (Australia) Pty Ltd is a member of Corteva Agriscience group of companies

STORAGE AND DISPOSAL

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 for appropriate disposal 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.

APVMA Approval No. : 64165/123083

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CUSTOMER SERVICE TOLL FREE

1-800 700 096

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Barcode
for stock
identification



Hazard and precautionary statements according to classification under GHS (Globally Harmonised System of Classification and Labelling)

Combustible liquid. Causes skin irritation. Causes serious eye damage. Suspected of causing cancer. Very toxic to aquatic life with long lasting effects. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep

away from heat/sparks/open flames/hot surfaces. No smoking. Wash skin thoroughly after handling. Wear protective gloves / eye protection / face protection. Use personal protective equipment as required. If exposed or concerned: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. 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. Take off contaminated clothing and wash before re-use. Store locked up. Collect spillage. Dispose of contents/ container to an approved waste disposal plant.