

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



TRIADIMEFON 125

FUNGICIDE SPRAY

ACTIVE CONSTITUENT: 125g/L TRIADIMEFON

SOLVENT: 689g/L HYDROCARBON LIQUID

100g/L N-METHYL-2-PYRROLIDONE

GROUP C FUNGICIDE

WHEAT: For control of leaf and stripe rusts; septoria tritici blotch and powdery mildew

BARLEY: For control of scald and powdery mildew

PEAS, GRAPEVINES, CUCURBITS: For control of powdery mildew

SUGAR CANE: For control of pineapple disease

4FARMERS PTY. LTD.

A.C.N. 067 443 485

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APVMA Approval No.: 51248/0399

GENERAL INSTRUCTIONS:

CONTROL OF WHEAT RUSTS

4Farmers Triadimefon 125EC Fungicide may be applied by aircraft or ground spraying equipment.

SPRAY TIMINGS FOR STRIPE RUST CONTROL:

Determine the susceptibility of the wheat variety from local Department of Agriculture data then follow spray programme below.

Seedling Infections:

When approximately 20% of the leaves show signs of infection during tillering or jointing, spray within a week.

Adult Infections:

Susceptible Varieties: Spray within one week if approximately 10% of leaves show infection. Do not delay.

Moderately Susceptible Varieties: Spray within one week if approximately 15-20% of leaves show infection. Do not delay.

Moderately Resistant and Resistant Varieties: Spray within one week if rust appears and spreads.

MIXING

Half fill the spray tank with clean filtered water. With agitator running, add the required quantity of 4Farmers Triadimefon and top up the tank with clean filtered water.

Agitate prior to and during spraying.

- DO NOT begin adding 4Farmers Triadimefon before tank is half full.
- DO NOT mix more than can be used for the day's spraying.
- DO NOT tank mix with trace elements or other chemicals without first checking compatibility.

GRAPEVINES

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 spray set up and operation also may 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 and 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 1500L/ha)
- Your chosen concentrate spray volume: (for example 500L/ha)
- The concentration factor in this example is 3x (ie: 1500L ÷ 500L = 3)
- If the dilute label rate is 10mL/100L, then the concentrate rate becomes 3 x 10, that is 30mL/100L of concentrate spray.

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

SPRAYING

Ground Rig: Use a convenient amount of water, eg. 50-100 L water/ha.

Aircraft: Apply at not less than 10 L/ha; preferably in a cross wind of greater than 5 knots. If this is not possible, increase the volume to 30L/ha and increase the droplet size. Spray in the morning and reduce the swath width. Booms, with fan nozzles set forward at 45° forward to the airstream and Micronairs with blade settings of 30-50° are equally satisfactory. Use proper measures (eg smoke generators) for gauging wind speed, direction and variability of the wind.

DIRECTIONS FOR USE:

RESTRAINT:

DO NOT apply if rain is expected within 2 hours.

DO NOT apply as a mix with any herbicide that might cause crop injury if used with wetters or spray oils, as this product has some of the properties of those adjuvants.

DIRECTION FOR USE TABLE

Crop	Disease/Pest	State (s)	Rate	WHP days	Critical Comments
Barley	Scald	NSW, VIC, TAS, SA, WA ONLY	1L/ha	28	Where this disease frequently affects the flag leaf, apply at or near mid-tillering.
	Powdery mildew	ALL STATES	500mL to 1L/ha		Monitor crops sown without seed or fertiliser applied fungicide from mid tillering. Apply at the first signs of disease. For later infections apply just before head emergence if middle canopy leaves are infected.
Wheat	Leaf rust		1L/ha		Respraying may be required as re-infection can occur. Monitor at-risk crops from 3 weeks after application to assess if reapplication is required. Normally use 500 mL/ha. Only use 1L/ha where the yield is expected to be greater than 2 tonnes/ha or if a longer residual is required.
	Stripe rust		500mL to 1L/ha		
	Powdery mildew		1L/ha		
	Septoria tritici blotch				Where this disease commonly affects the Flag leaf, apply to susceptible varieties at the 5-6 tiller stage. Re-infection can occur if moist conditions prevail.
Peas	Powdery mildew	NSW, VIC, TAS ONLY	500mL /ha	14	Apply a preventative spray at flowering at the first sign of disease, or if disease is imminent. Apply a second spray 14 days later (flat pod stage).
Grapevines		NSW, VIC, WA, SA ONLY	20mL/100L		This rate for grapevines is for dilute spraying. For concentrate spraying refer to the Mixing/Application Section. Apply the same total amount of 4Farmers Triadimefon 125 EC Fungicide whether applying by dilute or concentrate spraying methods. Apply thoroughly at the following 5 growth stages:- 1. When shoots are 10 cm in length 2. Immediately before flowering 3. Mid flowering 4. After fruit set 5. Prior to bunches close.
Sugar Cane	Pineapple disease	Qld, NSW only	100mL in 100L	-	Fully immerse, dip or spray cut ends. Ensure thorough wetting for up to 3 minutes.
Cucurbits Eg melon, pumpkin, cucumber	Powdery mildew	NSW, WA ONLY	40mL /100L or 400mL /Ha	1	Apply thoroughly at the first sign of disease. Repeat at 5-10 day intervals. Use short spray intervals when disease pressure is high or plants are rapidly growing. Results are dependent on good coverage.
Azaleas	Petal blight	ALL STATES	200mL/100L	-	Apply thoroughly every 2-3 weeks from expanded bud stage until end of flowering.

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

WITHHOLDING PERIOD:

Barley, Wheat: DO NOT HARVEST FOR 28 DAYS AFTER APPLICATION.

Barley, Wheat: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 28 DAYS AFTER APPLICATION.

Grapes, Peas: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.

Cucurbits: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.

FUNGICIDE RESISTANCE WARNING

Triadimefon is a member of the D.M.I group of fungicides. For fungicide resistance management, 4Farmers Triadimefon 125 is a Group C fungicide.

Some naturally occurring individual fungi resistant to 4Farmers Triadimefon 125 and other Group C 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 4Farmers Triadimefon 125 and other Group C fungicides, thus resulting in efficacy and possible yield loss.

Since the occurrence of resistant fungi is difficult to detect prior to use, 4Farmers Pty Ltd accepts no liability for any losses that may result from the failure of 4Farmers Triadimefon 125 to control resistant fungi.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

Harmful to fish.

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, well-ventilated area, as cool as possible. DO NOT store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. Break, crush or puncture and bury empty containers in a local landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Poisonous if swallowed. Avoid contact with eyes and skin and do not inhale spray mist. When preparing spray wear PVC or rubber apron, elbow-length PVC gloves and face shield. When using the prepared spray wear face shield. If product on skin immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves, face shield and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre on 131126.

If swallowed, and if more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF.

MATERIAL SAFETY DATA SHEET:

For further information see Material Safety Data Sheet which can be obtained from the supplier.

CONDITIONS OF SALE

The use of 4 Farmers Triadimefon 125 Fungicide Spray, being beyond the control of the manufacturer, no warranty expressed or implied is given by 4 Farmers Pty. Ltd. regarding its suitability, fitness or efficacy for any purpose for which it is used by the buyer, whether in accordance with the directions or not and 4 Farmers Pty. Ltd. accepts no responsibility for any consequences whatsoever resulting from the use of this product

GROUP C FUNGICIDE**APPLIED TO FERTILISER FOR IN-FURROW APPLICATION**

Crop	Disease/ Pest	State (s)	Rate	WHP days	Critical Comments
Wheat	Wheat Leaf Rust (<i>Puccinia recondite</i>)	NSW, VIC, SA and WA only	800mL/ha	28	Apply product evenly onto the fertiliser. Do not use on DAP or similar granulated product as use will cause the fertiliser to be too wet. If adding to a particularly dusty, dry fertiliser granule, dilute with minimum water (up to a maximum of 8Litres) ensuring constant mixing of the suspension by using a "granny pot" or similar device. Calculation of the rate required/tonne fertiliser is below: 1000 ÷ (Fertiliser rate/ha) x rate of fungicide (L) Eg: Using 100kg fertiliser/ha and requiring 800mL/ha fungicide: 1000÷100 x 0.8 = 8L/tonne

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Cucurbits: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.

**In an emergency, contact:
ACOHS**

**Australian Centre for Occupational Health and Safety
1800 638 556 (24 hours)**

**Police and Fire Brigade Dial 000
National Poisons Information Centre:
Dial 13 11 26 (from anywhere in Australia)**