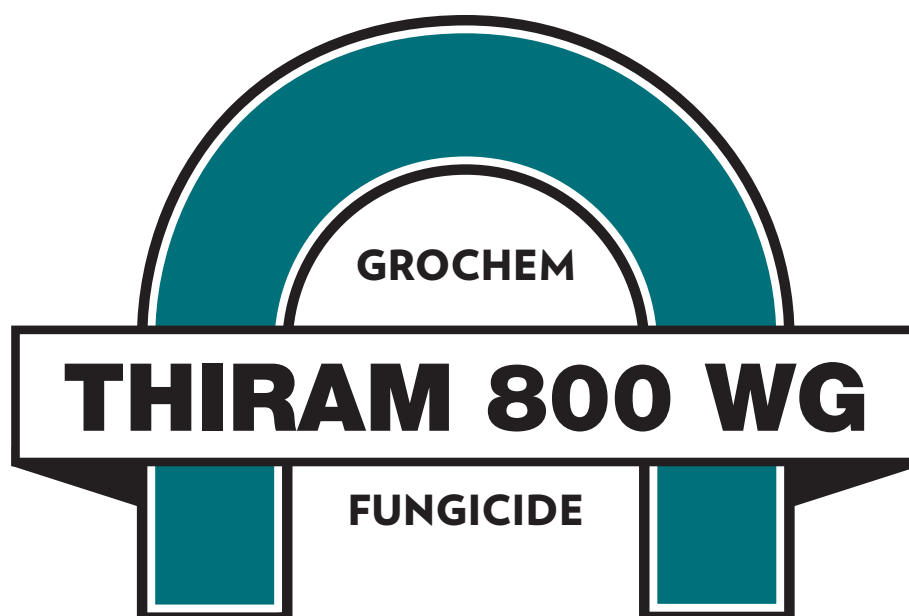


# POISON

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



**ACTIVE CONSTITUENT: 800 g/kg Thiram**

**GROUP M3 FUNGICIDE**

**Controls fungal diseases of Fruit Trees, Grapevines, Strawberries, Vegetables & Ornamentals; and for use as a seed treatment to control various fungal diseases of Chickpeas, Lupins & Sorghum as per the Directions for Use Table.**

**GENERAL INSTRUCTIONS:**

**Foliar**

Apply when conditions favour disease development or at first sign of disease. Thiram 800 WG is a protectant fungicide only and will not eradicate infection which has already occurred. Spray to obtain thorough coverage of stems, leaves, buds and flowers.

**Seed Dressing**

This product does not adversely affect germination if used as directed, however when *Rhizobium* inoculum is also added to seed, the viability of the inoculum may be reduced. Always apply the fungicide first and allow to dry. Apply the inoculum immediately prior to sowing. Sow into a moist seed-bed as soon as possible after treatment. If seed is sown into a dry seed-bed, then fungicidal seed treatment can cause a reduction in nodulation.

Seed treatment can alter seed flow characteristics. The drill should be recalibrated using treated seed prior to seeding. Equipment used for applying this product can be cleaned out with water.

DO NOT carry over treated seed from season to season. Treated seed is to be used only for sowing.

When mixing Grochem Thiram 800 WG with other seed protectant formulations add the seed protectant only after the Grochem Thiram 800 WG granules are fully dispersed. The mixture should be agitated before and during use to ensure even application.

**Grochem Thiram 800 WG does not contain pigments/dyes normally found in seed treatments.** Treated seed may be difficult to distinguish from untreated seed. Seed treated with Grochem Thiram 800 WG may only be stored if it has been treated with other pigmented seed treatments. If Grochem Thiram 800 WG is used alone treated seed MUST NOT be stored.

**FUNGICIDE RESISTANCE WARNING**



For fungicide resistance management, Grochem Thiram 800 WG Fungicide is a Group M3 fungicide. Some naturally occurring individual fungi resistant to Grochem Thiram 800 WG Fungicide and other Group M3 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 Grochem Thiram 800 WG Fungicide or other Group M3 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, Grochem Australia Pty Ltd accepts no liability for any losses that may result from the failure of Grochem Thiram 800 WG Fungicide to control resistant fungi.

**MIXING**

**Foliar Application** - This product mixes readily with water, no pre-mixing is required. During mixing, the spray vat should be no more than 25% full of water. Vigorous agitation of vat contents is required during the addition of the product. Pour product steadily when adding the required amount to the spray vat. DO NOT dump all the required product into the vat at once. When the product has been thoroughly dispersed and the spray tank is nearly full add Spreadwet 600 Wetting Agent at a rate of 16ml per 100 litres of spray solution.

**Seed Treatment** - Refer to Critical Comments in Table B below (Grochem Thiram 800 WG Applied as a Seed Dressing). DO NOT let the spray solution or slurry dry in application equipment as flakes can block filters and limit the flow to spray nozzles. Where the diluted product has been permitted to stand for an extended period, then the mixture should be again agitated well.

**COMPATIBILITY**

DO NOT mix with lime sulphur or Copper Sulphate/Lime Mix.

**PRECAUTIONS**

DO NOT use treated seed for animal or human consumption. DO NOT allow treated seed to contaminate grain/ other seed intended for animal or human consumption. DO NOT feed treated seed, or otherwise expose, to wild or domestic birds.

**PROTECTION OF LIVESTOCK**

DO NOT feed grass clippings from treated areas to poultry or animals. Seed treated with Thiram 800 WG must not be used for animal consumption or allowed to contaminate grain intended for animal consumption. Grain should not be left exposed on the ground (particularly during sowing). Treated seed MUST NOT be held over for sowing the following season if treated with Thiram 800 WG alone. (Any seed not intended to be used for sowing should be destroyed).

**PROTECTION OF WILDLIFE, FISH, CRUSTACIANS AND ENVIRONMENT**

DO NOT feed or expose treated grain to wildlife and domestic animals, particularly birds.

Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used container or containers which have held treated seed.

**STORAGE AN DISPOSAL**

Single rinse before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. 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 500mm below the surface in a 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.

**SAFETY DIRECTIONS**

Will irritate the eyes. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container mixing and loading and preparing the spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length chemical resistant gloves and goggles and half face-piece respirator.

If product in eyes, wash it out immediately with water. Wash hands after use. After each days use wash gloves and contaminated clothing.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone: Australia 13 11 26. Avoid giving alcohol.

**SAFETY DATA SHEET**

If additional hazard information is required refer to the Safety Data Sheet. For a copy phone 1800 777 068 or visit our website [www.grochem.com](http://www.grochem.com)

**LIMIT OF LIABILITY**

1. Grochem Australia accepts responsibility for the consistent quality of the product.
2. Grochem Australia accepts no responsibility whatsoever for any damage, injury or loss following purchase and use of this product.
3. The extent of liability of Grochem Australia is limited to the replacement of goods or a refund on the price paid. This being conditional upon a claim being made in writing and within 30 days of delivery/receipt of product.
4. This product must also be used in strict accordance with the directions as detailed on this label. The buyer accepts and uses this material with an understanding of the above conditions.

**DIRECTIONS FOR USE**

**Table A: Grochem Thiram 800 WG applied as a Foliar spray**

CROP	DISEASE	STATE	RATE	CRITICAL COMMENTS
Grapes	Black Spot - Anthracnose ( <i>Elsinoe ampelina</i> )	All States	150g/100L of water	Apply at bud swell, at bud burst and when shoots are 15-20cm long. Repeat every 14 days if weather conditions favour development. Do not spray this product within 4 days of applying (before or after) a copper fungicide spray.
POME FRUITS Apples	Black Spot ( <i>Venturia inaequalis</i> ); Target Spot & Ripe Spot ( <i>Pezizula</i> spp.)			Apply after early green tip sprays. Apply at pink bud stage and at calyx stage. Follow by 4 cover sprays at 10-14 day intervals. Then apply every 14-21 days if required, until 7 days before harvest.
Pears	Black Spot ( <i>Venturia pirina</i> )	Qld, NSW, ACT, Vic, Tas, & SA only WA only		Apply at spur burst after green tip copper spray. Apply again at white bud followed by 4 cover sprays at 10-14 day intervals, thereafter apply at 2-3 week intervals depending on weather. After usual early sprays, apply at finger stage, full bloom, petal fall, then as a cover spray at 10-14 day intervals or as required.
STONE FRUITS Apricots, Cherries, Nectarines, Peaches, Plums	Brown Rot (fruit) ( <i>Monilinia fructicola</i> ) Freckle (Apricot) ( <i>Venturia carpophila</i> ); Shot Hole ( <i>Stigmina carpophila</i> )	All States		Apply early full bloom, after bud swell copper sprays, at petal fall, at shuck fall and then every 3-4 weeks if required, until 7 days before harvest. Apply at shuck fall, after early bud swell copper sprays and again 4 and 8 weeks later. (Apply 2 weeks after shuck fall for susceptible varieties).
Strawberries	Black Spot ( <i>Colletotrichum acutatum</i> ); Grey Mould ( <i>Botrytis cinerea</i> )	Qld, Vic, Tas, SA & WA only		Apply as a protective spray at flowering and then at 10-14 day intervals until (if necessary) 7 days before harvest.
VEGETABLES Celery Lettuce	Septoria Leaf Spot ( <i>Septoria species</i> )	All States		Apply when disease first appears and at intervals of 7-10 days if weather favours disease development.
	Anthracnose ( <i>Colletotrichum/ Microdochium species</i> ); Botrytis ( <i>Botrytis cinerea</i> )	Qld, Vic, Tas, SA, WA & NT only	200g/100L of water	
ORNAMENTALS Roses	Black Spot ( <i>Diplocarpon rosae</i> )	Vic, Tas, SA, WA & NT only	150g/100L of water	Spray early spring and every 10 to 14 days until end of autumn if conditions favour disease.
Chysanthemum Carnation Gladiolus	Septoria Spot ( <i>Septoria</i> spp.)			Apply when disease is first observed and repeat each 7-10 days.
Chysanthemum Carnation Geranium Iris Rose Tulip Lily	Grey Mould ( <i>Botrytis cinerea</i> )  Fire ( <i>Botrytis tulipae</i> )			

**DIRECTIONS FOR USE**

**RESTRAINTS:**

**DO NOT** mix this product in a slurry with chickpea or lupin rhizobial inoculant.

**DO NOT** treat machine damaged or poor quality seed as this may result in reduced germination and/or reduced seedling vigour and emergence.

**Table B: Thiram 800 WG applied as a seed Dressing**

CROP	DISEASE	STATE	RATE	CRITICAL COMMENTS
CHICKPEAS Kabuli (Garbanzo) varieties	Damping off ( <i>Pythium</i> spp.) and other soil-borne fungi that cause pre-emergence seed rot; Seed-borne <i>Botrytis</i> ; Seed-borne <i>Ascochyta rabiei</i>	All States	150g	<p>Make up into a water slurry to achieve optimum coverage of seed. Use the lowest application volume necessary to obtain full coverage of seed with the equipment to be used. The total volume of slurry applied/tonne should be minimized to approximately 5 litres. Apply only to good quality graded chickpea, lupin and sorghum seed. Move the seed up a grain auger or apply in a suitable mixer. The mixing of seed after application is essential to obtain good seed coverage. Handle seed carefully after application and avoid excess wetting to prevent damage to the seed coat.</p> <p>Grochem Thiram 800 WG will reduce the incidence of seed-borne <i>Ascochyta</i> and <i>Botrytis</i> infection, but follow up foliar fungicide sprays registered for this purpose will be required to control field infection.</p>
	Desi varieties			
LUPINS	Seed-borne <i>Anthraco</i> se		125-150g	<p>Sorghum: Ensure uniform coverage. Use the lower rate when disease pressure is expected to be diminished. Secondary mixing in an auger is important to ensure good seed coverage.</p>
SORGHUM	Seedling decay complex		190-260g	<p>Treat seed with Grochem Thiram 800 WG immediately prior to sowing. DO NOT store seed treated only with Grochem Thiram 800 WG. Grochem Thiram 800 WG does not contain pigments/dyes normally found in seed treatments. Treated seed may be difficult to distinguish from untreated seed. Seed treated with Grochem Thiram 800 WG may only be stored if it has been treated with other pigmented seed treatments. DO NOT feed treated seed to birds, animals or humans.</p> <p>Grochem Thiram 800 WG may have adverse effects on <i>Rhizobium</i> – Avoid mixing <i>Rhizobium</i> inoculum and Grochem Thiram 800 WG. Apply inoculum directly into the seeding furrow if possible (this method is not recommended in WA). If inoculum must be applied directly to seed, ensure that the treated seed is dry before <i>Rhizobium</i> application.</p>

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

**WITHHOLDING PERIOD:**

**EDIBLE CROPS: DO NOT APPLY LATER THAN 7 DAYS BEFORE HARVEST.**

**SEED DRESSING: NOT REQUIRED WHEN USED AS DIRECTED.**

APVMA APPROVAL NO: 69018/115551

**Additional statements as required by Safe Work Australia in accordance with the Globally Harmonized System of Classification and Labelling (GHS)**

Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled.

May cause damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life with long lasting effects.

Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

Get medical advice/attention if you feel unwell. Rinse mouth.

If skin irritation or rash occurs: Get medical advice/attention.

Collect spillage.

In a Transport Emergency  
Dial 000  
Police or Fire Brigade

Specialist Advice In Emergency Only  
1800 033 111  
All Hours - Australia Wide