

POISON

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

MELPAT

THIRAM 800 WG

FUNGICIDE

ACTIVE CONSTITUENT:
800g/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.

NET CONTENTS: 10kg, 20kg

IMPORTANT: READ THIS LEAFLET BEFORE USE



MELPAT INTERNATIONAL PTY LTD

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Batch Number:

Date of Manufacture:

APVMA Approval No.: 69018/59660

GENERAL INSTRUCTIONS:

Foliar

Apply when conditions favour disease development or at first sign of disease. Melpat 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 Melpat Thiram 800 WG with other seed protectant formulations add the seed protectant only after the Melpat Thiram 800 WG granules are fully dispersed. The mixture should be agitated before and during use to ensure even application.

Melpat 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 Melpat Thiram 800 WG may only be stored if it has been treated with other pigmented seed treatments. If Melpat Thiram 800 WG is used alone treated seed MUST NOT be stored.

FUNGICIDE RESISTANCE WARNING

GROUP M3 FUNGICIDE

For fungicide resistance management, Melpat Thiram 800 WG Fungicide is a Group M3 fungicide. Some naturally occurring individual fungi resistant to Melpat 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 Melpat 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, Melpat International Pty Ltd accepts no liability for any losses that may result from the failure of Melpat 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 (Melpat Thiram 800 WG Applied as a Seed Dressing). DO NOT let the spray solution or slurry dry in applicator 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 Melpat 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 Melpat Thiram 800 WG alone. (Any seed not intended to be used for sowing should be destroyed).

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS 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 AND 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

May irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. Do not inhale dust or spray mist. Wash hands after use.

FIRST AID

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

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet available from Melpat International Pty Ltd.

CONDITIONS OF SALE

Melpat International Pty Ltd will not accept responsibility whatsoever or howsoever arising and whether for consequential loss or otherwise in connection with the sale, supply, use of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Melpat International Pty Ltd (company) is limited to the replacement of the goods (or at the option of the company) the refund of the price paid and is conditional upon claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to the company within thirty days of delivery.

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DIRECTIONS FOR USE

Table A: Melpat Thiram 800 WG applied as a Foliar Spray

CROP	DISEASE	STATE	RATE/100L	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 spp.</i>)			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		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.
		WA only		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>)	All States	200g/100L of water	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.
	Freckle (Apricot) (<i>Venturia carpophila</i>); Shot Hole (<i>Stigmia carpophila</i>)			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.
ORNAMENTALS Roses Chysanthemum Carnation Gladiolus Chysanthemum Carnation Geranium Iris Rose Tulip Lily	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.
	Septoria Spot (<i>Septoria spp.</i>)			Apply when disease is first observed and repeat each 7-10 days.
	Grey Mould (<i>Botrytis cinerea</i>)			
	Fire (<i>Botrytis tulipae</i>)			

DIRECTIONS FOR USE

Table B: Melpat Thiram 800 WG applied as a Seed Dressing

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.

CROP	DISEASE	STATE	RATE/100kg seed	CRITICAL COMMENTS
CHICKPEAS Kabuli (Garbanzo) varieties	Damping off (<i>Pythium spp.</i>) 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	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. Melpat 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.
Desi varieties	Seed-borne <i>Botrytis</i> ; Seed-borne <i>Ascochyta rabiei</i>			
LUPINS	Seed-borne <i>Anthraco</i> <i>nose</i>		125-150g	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.
SORGHUM	Seedling decay complex		190-260g	Treat seed with Melpat Thiram 800 WG immediately prior to sowing. DO NOT store seed treated only with Melpat Thiram 800 WG. Melpat 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 Melpat 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. Melpat Thiram 800 WG may have adverse effects on <i>Rhizobium</i> – Avoid mixing <i>Rhizobium</i> inoculum and Melpat 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.

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.

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