



HARMFUL ECOTOXIC

KEEP OUT OF REACH OF CHILDREN

AMERICAN
chemet
CORPORATION

AG Copp 75

Protectant Copper Fungicide

Please read label and Safety Data Sheet before use.

Contains 750g/kg copper as cuprous oxide
in the form of a wettable powder.

HAZARD CLASSIFICATIONS: 6.1D, 6.4A, 6.9B, 9.1A, 9.3B

TOXIC: HARMFUL - Causes eye irritation. Avoid contact with the eyes. May cause organ damage from repeated oral exposure at high doses. Wash hands and exposed skin before meals and after work.

ECOTOXIC: VERY TOXIC TO AQUATIC ORGANISMS. Avoid contamination of any water supply with product or empty container.

APPROVED HANDLER:

This product must be under the control of an Approved Handler when applied in a wide dispersive manner, used by a commercial contractor, or applied directly onto or into water.

RECORD KEEPING: Records of use as described in NZS8409 Management of Agricultural Chemicals must be kept in certain circumstances. See MSDS for details.

FIRST AID:

If medical attention is needed, have product label or container at hand. If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. If swallowed call a poison center or doctor/physician if you feel unwell.

24-hour Emergency Telephone Number—for advice contact the National Poisons Centre — 0800 POISON (0800 764 766) — or a doctor, immediately.

For specialist advice in an emergency only, call 0800 CHEMCALL or 0800 243 6225. In a transport emergency, call 111.

TRANSPORT:

Do not carry more than 3 kg on a passenger service vehicle.

SAFETY DATA SHEET:

A Material Safety Data Sheet (MSDS) for AG Copp 75 is available from Metachem Ltd NZ on request.

REGISTERED TO:

American Chemet Corp.
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East Helena, MT 59635 USA
+1 (406) 227-5302
sales@chemet.com

DISTRIBUTED BY:

Metachem Ltd.
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Auckland 2583
New Zealand
(09) 292-4773. (021) 924-773

SPILLAGE:

Wear protective clothing and prevent material entering waterways. Absorb spill with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.

STORAGE:

- Store in original container tightly closed and in a locked, dry, cool, well-ventilated area, away from feed, seeds and foodstuffs. Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals.
- When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture (D.O.M.). Contact your supplier for further information about the use of any product that is older than this.

DISPOSAL:

- Dispose of this product only by using according to the label, or at an approved landfill, or another approved facility. Avoid contamination of any water supply with product or empty container.
- Container Disposal — ensure container is completely empty. Bury in a suitable landfill.

WITHHOLDING PERIOD:

Do not apply to fruit and vegetable crops later than 1 day before harvest.

CONDITIONS OF SALE:

As no control can be exercised over the manner in which or the other conditions under which this product is used, all conditions and warranties expressed or implied, other than those required by statute are excluded. No responsibility will be accepted for any damage or injury whatsoever arising from the storage, handling, application or use of this product.

Batch:

DoM:

Net Contents: 15 kg

PLEASE READ LABEL COMPLETELY BEFORE USE

DIRECTIONS FOR USE:

It is an offence to use this product on animals.

RESTRAINTS:

DO NOT apply when poor drying conditions exist.

DO NOT apply when either hot or frost prone conditions prevail, or immediately prior to damaging frost conditions.

When multiple rate options are provided, use lower rates when disease pressure is light and higher rates when disease pressure is severe.

EQUIPMENT:

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

GENERAL INSTRUCTIONS:

Frost Injury Protection (Bacterial Ice Nucleation Inhibitor):

Label rate application of AG Copp 75: Two to five days prior to anticipated frost conditions, will afford control of ice-nucleating bacteria (*Pseudomonas syringae*, *Erwinia herbicola* and *Pseudomonas fluorescens*) and may therefore provide protection against light frost. Not effective for severe frost conditions.

Compatibility: AG Copp 75 is compatible with spray oils, and most commonly used neutral or slightly alkaline fungicides, insecticides and miticides. Do not tank mix with acidic chemistry. Observe all precautions and limitations on labels of all products used in mixtures. Note: AG Copp 75 should NOT be used in mixtures with Euparen DF. If compatibility is a question, conduct a compatibility test before mixing. Mixtures with calcium nitrate may give rise to small skin markings on citrus. Kiwifruit – tank mixes post fruit set may result in fruit marking.

Resistance management strategy: Pathogens such as Psa can develop resistance to pesticides including copper products. To prevent resistance and retain all possible control options, use a program that includes a range of products with different modes of action and do not apply below label rates.

Mixing: Add AG Copp 75 slowly to the spray tank partially filled with water and agitate mixture to maintain uniform suspension. If using in a mixture with an emulsifiable concentrate, add the AG Copp 75 after making the emulsion. Otherwise, add spreaders/stickers, insecticides, nutrients, etc. after the AG Copp 75. Ensure adequate agitation of both during mixing and application.

DIRECTIONS FOR USE:

Crop	Control	Rates g/100L of Water	Critical Comments
Apples	Blackspot	90 (min 1.75 kg/ha)	Apply as full cover spray between silver tip and green tip. Warning: Discontinue when green tip is 1 cm long as late application may cause phytotoxicity
	European Canker	70-90 (min 1.3 kg/ha)	Apply first application immediately post-harvest, before the occurrence of wet weather. Reapply at the beginning of leaf fall and repeat as required to provide cover of leaf scars until leaf fall is complete. Ensure good coverage.
Avocados	Anthracnose	55-70 (min 1.6 kg/ha)	Apply at monthly intervals from flowering to harvest. Reduce to 14 day intervals during prolonged wet periods.
Brassicas(cabbage, cauliflower, broccoli, brussel sprouts)	Downy mildew	55-70 (min 0.2 kg/ha)	Apply at first sign of disease and then every 10-14 days as necessary. Warning: Do not use on copper shy varieties.
Bush fruit, cane fruit	Cane wilt, Cane spot, Spur blight, Leaf spot	55-70 (min 0.52 kg/ha)	Apply at bud burst at 14 day intervals. Use higher rate in early season.
Strawberries	Leaf spot	55-70 (min 0.52 kg/ha)	Begin application when plants are established and continue on a weekly schedule throughout the season. Use higher rate early season. Note: Discontinue if signs of crop injury appear.
Celery	Septoria - leaf spot	70 (min 0.35 kg/ha)	Apply as soon as the plants are set in the field, then at 5-7 day intervals depending on disease severity and environmental conditions. A wetting agent may be added at label recommended rates.
Citrus	Brown rot	70-90 (min 1.4 kg/ha for mature trees)	Early winter and repeat 8-10 weeks later if necessary. Apply to bottom meter of tree and ground 0.5M beyond skirt. Copper marking may occur on sensitive varieties.
	Melanose, Verrucosis	35-70 (min 1.4 kg/ha for mature trees)	Pre-blossom and petal fall sprays. Repeat 6 weeks later where Melanose is a problem.
Cucurbits	Angular leaf spot, Downy mildew	55-105 (min 0.5 kg/ha)	Apply at first sign of disease and repeat every 7-10 days.
Feijoas	Leaf spot (<i>Glomerella sphacelmoa</i>)	55-70 (min 0.8 kg/ha)	Repeat as necessary.
Grapes	Downy mildew, Black spot	55-105 (min 0.7 kg/ha)	Apply at bud break and continue during pre and post bloom period every 14 days throughout the season as needed. Note: Discontinue if signs of injury are observed.
	Powdery mildew, <i>Botrytis</i> , Sour rot	55-90 (min 0.54 kg/ha)	The control of Sour Rot and the suppression of Powdery Mildew and <i>Botrytis</i> . Full control of Powdery Mildew and <i>Botrytis</i> may not be obtained under very high pressure situations. Apply at 10-14 day intervals throughout the season as required. To stay within the wine industry guidelines of less than 3kg metal copper per ha per season apply no more than 7 applications per season at 0.54 kg/ha.
Kiwifruit	Leaf spot, <i>Botryosphaeria</i>	55-70 (min 1.1 kg/ha)	Apply as dormant season spray only. Apply after harvest but before leaf fall, after pruning and as 2 sprays 1 month apart, before bud burst.
	PSA <i>Pseudomonas syringae</i> pathovar <i>actinidiae</i>	55-70 (min 1.1kg/ha)	Dormant season spray only. This claim is currently supported by limited field data, therefore not fully proven. Apply after harvest but before leaf fall, after pruning and as 2 sprays 1 month apart, before bud burst.
	Limited claim- not fully proven Any adverse events resulting from use of this product should be notified to American Chemet Corporation.	37.5	Pre- and Post-flowering. This claim is supported by limited field data and is therefore not fully proven at this stage. Do not apply to open flowers. Apply full dilute water rate, appropriate for the size of canopy to give complete coverage. Target 750 g per ha for full mature canopy. Apply as required to prevent infection. Warning: higher rates, and/or multiple applications and/or poor drying conditions could result in leaf drop, leaf marking and marginal leaf burn. Fruit marking may occur from any application post flowering. Apply alone, tank mixing with other chemistry may increase the risk of fruit marking and leaf damage.
Lettuce	Downy mildew	55-90 (min 0.26 kg/ha)	Begin treatment from seed emergence or when transplants are set in the field and repeat every 7-10 days as needed to suppress the disease.
Onions	Downy mildew, Bacterial blight	70 (min 0.78 kg/ha)	Apply when the disease first appears and repeat every 10-14 days while conditions allow infection.
Passionfruit	Septoria spot, Brown rot, Grease spot	35 (min 0.35 kg/ha)	Apply at 2-4 weekly intervals alternating with mancozeb from Nov-Mar. Where Grease spot is a problem 2 week intervals may be necessary.
Pears (inc Nashi)	Blackspot	90 (min 1.75 kg/ha)	Apply at 21 day intervals as full coverage spray between silver tip and green tip. Reduce intervals if wet conditions persist. Warning: Do not apply between green tip and harvest as late application may cause phytotoxicity. Smooth skin varieties - russetting may occur.
	Fireblight	20-35	
Peas	Downy mildew, Leaf spot	55-70 (0.53 kg/ha)	Begin treatment at seedling emergence & repeat every 7-14 days depending on disease severity.
Pine	Dothistroma - pine needle blight	Aerial. Mix 1.1 kg with 2 L of an intermediate type spraying oil and add sufficient water to give a total of 5L/ha.	Apply at a rate of 5L/ha using application equipment to give a droplet size of 65 microns. Repeat at yearly intervals as necessary. Nurseries are 2.66 kg/ha in 400-1000L of water.
Potatoes	Early & Late blight	105-160 (min 1.1 kg/ha)	Apply when plants are 15cm high and then every 7 days until 2 weeks before harvest. Under severe disease pressure, use an alternative fungicide.
Stonefruit	Leaf curl	90 (min 1.8 kg/ha)	Timing is critical for effective control. Apply high rate at bud movement with second application at lower rate 10-14 days later.
	Shot hole, Bladder plum		Use higher rate. Apply at leaf fall and at monthly intervals throughout winter until bud movement then treat as per leaf curl.
Tamarillo	Leaf spot	55 (min 0.71 kg/ha)	Apply as necessary
Tomatoes	Early & Late blight, Bacterial speck & spot	55-105 (min 0.7 kg/ha)	Apply at first sign of disease & every 7-10 days depending on severity of disease & weather conditions. Increase spray volume to ensure full coverage. Repeat after rain (more than 13mm) or irrigation.



UN3077

**Environmentally Hazardous Substance, Solid, N.O.S.
(Copper (I) Oxide) Class 9, PGIII, Marine Pollutant**



Warning

Harmful if swallowed.
Causes serious eye irritation.
May cause damage to organs through prolonged or repeated exposure (oral).
Very toxic to aquatic life with long lasting effects.

Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Do not breathe dust.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Call POISON CENTER or Doctor/physician if you feel unwell.
Rinse Mouth.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF EYE IRRITATION PERSISTS: Get medical advice/attention.
Get medical advice if you feel unwell.
Dispose of contents/container in accordance with local/national/international regulations. Avoid release to the environment.
Collect spillage.