

DANGER

**KEEP OUT OF REACH OF CHILDREN
READ LABEL BEFORE USE**

Nufarm



Captan

600 FLO

SCAN ME



FREE RECYCLING

AGRECOVERY

www.agrecovery.co.nz

Active Ingredient: 600g/litre captan in the form of a suspension concentrate.

A fungicide for the control of certain fungous diseases of fruit, vegetables, ornamentals, turf, greenhouse crops and for certain soil borne diseases.

 **Nufarm**
Grow a better tomorrow

Captan 600 Flo**GHS CLASSIFICATIONS:**

Acute inhalation toxicity Category 4, Skin sensitisation Category 1, Carcinogenicity Category 2, Serious eye damage category 1, Hazardous to the aquatic environment Category 1

DANGER

- Harmful if inhaled. May cause an allergic skin reaction. Suspected of causing cancer.
- Danger – causes serious eye damage.
- Very toxic to aquatic life with long lasting effects. Avoid contamination of any water supply with product or empty container. Do not apply directly onto or into water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.

HANDLING PRECAUTIONS

Do not handle until all safety precautions have been read and understood.

The person mixing or applying this product must be a “Qualified Contractor” or a “Qualified Person”. The spray mixture may also be prepared by a “Qualified Loader”.

STORAGE

- Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals.
- Stores containing 100 litres are subject to secondary containment and signage and more than 100 litres require emergency response plans.

PERSONAL PROTECTION

- Avoid contact with skin or eyes and avoid breathing fumes, vapours and spray. When mixing or applying wear appropriate eye and respiratory protection, waterproof gloves, overalls and boots. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Contaminated clothing should not be allowed out of the workplace. Use only outdoors or in a well ventilated area.

EQUIPMENT

- Apply using well maintained and accurately calibrated equipment. Do not use strainers finer than 300 micrometres. Flush equipment thoroughly with clean water after use.

DISPOSAL

- Triple rinse container and add rinsate to the spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.
- Dispose of product only by using according to the label, or at an appropriate landfill.

SPILLAGE

Wear appropriate protective clothing and prevent material from entering waterways. Contain liquid spills and absorb with inert material. Dispose of waste safely in a suitable landfill.

FIRST AID

If medical advice is needed, have product container or label at hand. IF SWALLOWED: Rinse mouth and call the National Poisons Centre (0800 764 766) or doctor if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: get medical advice. 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. Immediately call the Poisons Centre or a doctor. Call the Poisons Centre or doctor if you feel unwell.

Transport: Do not carry Captan 600 Flo on a passenger service vehicle.

Record Keeping: Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 litres or more of Captan 600 Flo is applied within 24 hours.

Mixing: Shake container thoroughly before use. Partially fill the spray tank with water and while filling, wash the correct amount of Captan 600 Flo through the 'filler screen' of the spray tank. Keep agitated during use. Agitate thoroughly after a stoppage before recommencing spraying.

Compatibility: Captan 600 Flo is compatible with most commonly used pesticides. It should not be combined with Bordeaux mixture, lime sulphur, oils, dicofol, Avid® or Agrimec®. Its use with emulsifiable concentrates is not recommended.

Resistance Management: Captan 600 Flo contains a **GROUP M4 FUNGICIDE** belonging to the phthalimide group of chemistry. Resistance to this fungicide could develop from excessive use. To minimise this risk use strictly in accordance with label instructions and resistance management strategies (www.resistance.nzpps.org/) that exist for any disease listed on this label. Maintain good agricultural practice.

Directions For Use:

It is an offence to use this product on animals.

The rates suggested are for high volume spraying to run-off. For concentrate spraying, adjust dilution rate accordingly. Use the higher rates and/or shorter spray intervals when disease pressure is high.

Calibrate equipment to give the desired application rate and full coverage of foliage. Fine droplets are more effective than coarse droplets. Ensure undersides of plants are treated.

Knapsacks:

- (i) Hydraulic and motorised types: 15ml per 10 litres water.
- (ii) Motorised mistblower types: Use 50ml per 10 litres water. Use middle settings on the restrictor and operate at sufficient throttle to give small droplets.

Move all foliage in the airstream.

FRUIT CROPS

CROP	DISEASE	RATE	NOTES
Apples Pears	Black spot Glomerella Ripe spot Sooty blotch	100-160ml/100 litres water	Apply the high rate every 7 days from green tip through to petal fall. From petal fall through to harvest use the low rate at 10-14 day intervals. Captan products may increase the risk of russet on some varieties. Where this is of concern use alternative materials between full bloom and second cover. Where glomerella, ripe spot or sooty blotch are a problem use the high rate from January to harvest. Do not apply to Anjou pears.
Blueberries	Stem blight Leaf spot Botrytis	160ml/100 litres water	Spray just before flowering; at 10% flowers open; at petal fall, and every 10-14 days until harvest.
Boysenberries Loganberries Other Brambles	Canespot	160ml/100 litres water	Apply at petal fall and repeat every 10-14 days until harvest.
Citrus	Brown rot	160-320ml/100 litres water or 160ml/100 litres water	As a skirt spray before winter rains. Thoroughly wet trees to a height of 1 metre. Repeat 10 weeks later. Spray entire tree in autumn and repeat 4-6 weeks later. Do not use oil products within 14 days either side of Captan 600 Flo.
Red and Black Currants	Leaf spot Botrytis	160ml/100 litres water	Apply every 10-14 days from green tip until harvest.
Gooseberries	Leaf spot Botrytis	160ml/100 litres water	Apply just before flowering; again at petal fall; preharvest and postharvest. For botrytis flower rot, applications at 5-7 day intervals over flowering may be necessary, depending on the weather.
Grapes	Dead arm Anthracnose Botrytis Downy mildew	160ml/100 litres water 120ml/100 litres water	Apply every 14 days, commencing when shoots are 5-8cm long. Apply at the start of flowering, then increase to 160ml/100 litres water or use a specific botryticide over flowering, and then revert to 120ml/100 litres water at 14 day intervals.
Raspberries	Cane spot Spur blight Botrytis	160ml/100 litres water	Main crop: Apply every 10-14 days from green tip until harvest. Autumn crop: Apply every 10-14 days from November until harvest.
Stonefruit	Brown rot Scab Shothole	160ml/100 litres water	Apply every 7 days from bud movement until bloom, then at 3-4 day intervals until petal fall, then fortnightly until 3 weeks before harvest. Apply weekly until harvest or if weather is wet.
Strawberries	Leaf spot Botrytis	160ml/100 litres water	Apply as necessary for leaf spot. For botrytis, apply at 7 day intervals over flowering, and between pickings if warm wet conditions prevail.

ORNAMENTALS – AMENITY TURF

CROP	DISEASE	RATE	NOTES
Lawns	Brown patch Leaf spot Damping off	8 litres/ha	As a soil drench using sufficient water for good soil penetration.
Ornamentals	Rose black spot Carnation leaf spot Chrysanthemum spot	160ml/100 litres water	As necessary.
Soil and Glasshouse Drench	Damping off	160ml/100 litres per 100 square metres	Work into top 10cm of soil before planting.

VEGETABLE CROPS

CROP	DISEASE	RATE	NOTES
Peas Beans	Root rot Damping off	10-12 litres/ha	Broadcast preplanting and work into upper 10cm of soil.
Carrots	Ring spot Cercospora blight	4 litres/ha	As necessary.
Cucurbits	Anthrachnose	2-4 litres/ha	As necessary.
Lettuce	Leaf spot	6 litres/ha	Every 10-14 days from rosette stage.
Potato seed	Seed rot Damping off	160ml/100 litres water	Preplanting dip within 6 hours of cutting.

Seed Treatment: For the control of damping off diseases.

	Rate per kg seed
Vegetable brassicas, maize, wheat	1ml
Sweetcorn, pumpkin, squash, watermelon	1.5ml
Peas	1.75ml
Beans	2ml
Cucumbers	2.25ml
Sorghum	3ml
Fodder beet, spinach	4.5ml
Ryegrass, forage brassicas	5ml
Clover, lucerne	6.25ml
Red beet	9.5ml
Onions (pelleted)	10ml

Apply through seed treatment equipment in sufficient water for complete coverage.

Captan 600 Flo does not contain a sticker or a pigment. These should be added to the stock solution. Keep stock solution well agitated and do not allow it to stand overnight. Ensure treated seed is clearly labelled : “ DO NOT USE TREATED SEED FOR HUMAN CONSUMPTION, STOCK OR POULTRY FOOD”.

Withholding Period:

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

Blueberries, currants, gooseberries, raspberries, strawberries – 1 day.

Cucurbits – 3 days.

Apples and pears – 3 days.

Lettuce, stonefruit – 7 days.

Boysenberries, loganberries, other brambles, carrots – 14 days.

Grapes – 21 days.

Citrus – 28 days.

Export crops – consult your exporter for advice about any likely restrictions.

Registered pursuant to the ACVM Act 1997, No. P7654

See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, Approval Code HSR007770.

See www.epa.govt.nz for approval controls.

® Avid, Agrimec are registered trademarks of a Syngenta Group Company.

CONDITIONS OF SALE:

CAUTION: READ THIS NOTICE BEFORE OPENING THE CONTAINER

If you open this container you will be deemed to have accepted the conditions below.

The results from use of this product may be affected by factors beyond Nufarm's control, including mixing, use, climatic conditions, time of application, crop or crop stage and the possible development of resistance to the active ingredient, even though the product is reasonably fit for the purposes stated in this label, and even though label directions are followed. Nufarm will replace, free of charge, any product which is found to have a manufacturing defect. To the extent permitted by law, all other warranties, guarantees, representations and conditions, whether expressed or implied by law, trade, custom or otherwise are expressly excluded.

When you use this product, you agree that neither Nufarm Limited nor any manufacturer of any component of the product will be liable for any damage, injury or loss including consequential loss which arises in any way from the storage, handling, or use of the product. This exclusion of liability includes loss caused by negligent acts or omissions of Nufarm Limited or any supplier or manufacturer of the product or any of their employees and agents.

Marketed by:

Nufarm Limited
Central Park,
Building 3, Level 4,
666 Great South Road,
Ellerslie, Auckland 1051
Telephone 0-9-270 4157
www.nufarm.co.nz

Nufarm Emergency Phonenumber: 0800 651 911 toll free 24 hours



UN 3082
ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S (captan)
Class 9, PG III, Marine Pollutant.