

**HARMFUL: KEEP OUT OF REACH OF CHILDREN**

**WARNING ECOTOXIC**

**DONAGHYS**

# **LIQUID Mycotak<sup>®</sup>**

Fungicide. For the control of the causal organism of facial eczema.

Active Ingredient:

Contains 500g/litre Carbendazim (in the form of a suspension concentrate)



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## INSTRUCTIONS – LIQUID MYCOTAK®

### DIRECTIONS FOR USE – READ ENTIRE BOOKLET BEFORE USING

LIQUID Mycotak® is a systemic fungicide with protectant and eradicator properties against a broad spectrum of fungal diseases. It is absorbed into the plant and transported via the sap stream outwards and upwards. Full coverage is therefore necessary, as plant parts below the area of contact will not be protected.

### CRITICAL COMMENTS

LIQUID Mycotak® should be applied before Facial Eczema spore count rise and ideally should be left for 7 days prior to grazing. However, as there is no withholding period, pasture can be grazed earlier if rising spore counts dictate. Only Mycowet® surfactant may be used with LIQUID Mycotak® as it carries out specific functions in the efficacy of Facial Eczema control. The Mycowet® use rate with clean water is 100mL with 50-200 litres of water per ha. Temperature and Wind Velocity: Spray should not be applied when air temperature exceeds 20°C or wind velocity exceeds 15kph. It is best applied in the mornings and evenings.

### PASTURE CONDITION

LIQUID Mycotak® is a systemic fungicide and thus sufficient live tissue needs to be present for it to be taken up and move through the sap stream.

The more dead plants that is present in the pasture, the smaller proportion of the fungicide can be absorbed and available to combat the Facial Eczema fungus for up to 40 days.

LIQUID Mycotak® on dead plant material will combat the fungus but can easily be washed off with rain. Ideally LIQUID Mycotak® plus Mycowet® should be applied to pasture that is not too long. Very long pasture encourages dead plant material at the base of the sward which encourages the growth of the Facial Eczema fungus. If LIQUID Mycotak® plus Mycowet® is applied to long rank pasture with dead plant material at the base it may not be able to get to and control the fungus.

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

### EQUIPMENT

Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409). Flush spray equipment thoroughly with water after use.

### COMBATIBILITY

LIQUID Mycotak® is compatible with the most commonly used agrochemicals. Do not mix with strongly alkaline materials such as Bordeaux mixture or lime sulphur.

LIQUID Mycotak® and Mycowet® can be applied together with Myco-RF® to control Rust and Fusarium fungi. Myco-RF® at 236g/ha may be applied with LIQUID Mycotak® and Mycowet®.

Please check compatibility before tank mixing with hormone sprays used in weed control.

### MIXING

Invert container several times before opening. Stir well. Measure the required amount of LIQUID Mycotak® into the partly filled spray tank with agitation running. Complete filling the spray tank and agitate to ensure thorough mixing. Continue agitation while spraying. The addition of Donaghys Mycowet® wetting/penetrating agent will improve distribution and uptake on hard-to-wet-plants.

**APPLICATION:** Refer to inside pages.

**STORAGE:** Store in original container tightly closed and in a locked dry, cool, well ventilated area, away from the fertilizer, feed, seeds, and foodstuffs. This product is classified under HSNO as 9.1A, and storage of certain quantities may require bunding and signage. See Haznote for further information. When stored appropriately this product should show no significant degradation for 2 years. Contact Donaghys Ltd for further information about the use of any product that is older than this.

### IMPORTANT NOTICE - CONDITIONS OF SALE

#### ACCEPTANCE AND USE OF THIS PRODUCT WILL BE DEEMED TO BE ACCEPTANCE OF THESE CONDITIONS OF SALE.

Results from the use of this product may be affected by factors beyond Donaghys control. These factors include but are not limited to mixing, use, time of application, weather, crop, crop lifecycle and resistance to the active ingredient, even though the product is reasonably fit for its stated purpose and label directions have been followed. Donaghys will replace any defective product free of charge, but to the extent permitted by law all other warranties, representations, conditions or obligations whether imposed or implied by law or otherwise, and the manufacturer's and supplier's liability for any indirect special or consequential losses or damages of any kind arising out of the supply and/or use of this product, including where it arises out of negligence, are expressly excluded. **IN ANY EVENT, TO THE EXTENT PERMITTED BY LAW, THE MANUFACTURER'S AND SUPPLIER'S LIABILITY ARISING OUT OF THE SUPPLY AND OR USE OF THIS PRODUCT IS LIMITED TO THE AMOUNT PAID FOR THE SPECIFIC PRODUCT.**

Environmentally Hazardous Substance, Liquid, N.O.S.(Contains Carbendazim)

UN Number 3082, Pack Group III, Hazchem 3Z.

In a transport emergency call 111; Police or Fire Brigade. For 24 hours specialist advice in an emergency, call 0800 CHEMCALL (0800 243 622). If additional safety information is required, refer to the Safety Data Sheet (SDS). For a copy of the SDS phone Donaghys Ltd (0800 942 006).

EPA Approval number HSR000453. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions

Registered pursuant to the ACVM Act 1997, No.P008688.

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

**HAZARD CLASSIFICATION:** Germ cell mutagenicity Category 1. Reproductive toxicity Category 1. Specific target organ toxicity - repeated exposure Category 2. Hazardous to the aquatic environment chronic Category 1. Hazardous to soil organisms.

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## **APPLICATION**

The dilution rates suggested are for high volume spraying to run-off. For concentrate spraying, adjust dilution rate accordingly. Use higher rate when conditions favour disease. For boom spraying use sufficient water to obtain complete coverage of the crop.

## **PASTURE**

**Pithomyces chartarum (Facial Eczema): 300ml/ha in 100-200 litres water.**

Add Mycowet® surfactant. Ensure complete coverage of all areas likely to be grazed and where possible, treat pasture in anticipation of danger periods. Treatments should last up to 6 weeks. In early February, treat enough pasture to graze all susceptible stock for 14 days. Treat further areas as required so that stock will be grazing 7-10 days after treatment. If heavy rain occurs within 3 days of treatment, pasture should be re-sprayed. In emergency situations, some worthwhile protection is present on pasture sprayed at least 24 hours before grazing.

## **GROUND APPLICATION**

The products should be applied from a boom fitted with TeeJet spray nozzles. These are air induction – low drift nozzles that deliver droplet sizes between 300 and 500 micron. Target pressure, speed and water volume should ensure the 300ml/ha of LIQUID Mycotak® is spread evenly and covers the pasture.

## **HELICOPTER APPLICATION**

The LIQUID Mycotak® / Mycowet® should be applied from a boom 80% of the rotor diameter fitted with spray nozzles that deliver DV0.5 droplets below 500 microns with minimal droplets under 200 microns or over 700 microns (e.g. TEEJET XR or DG range). Operating pressure, flow rate, boom output, application speed and angle of nozzles, should be such as to guarantee, as near as possible 100% of the required droplet to the target. Speed should be approx. 60 knots and height above ground 10 meters.

## **RAIN**

LIQUID Mycotak® and Mycowet® must not be applied to pasture when it can be reasonably predicted that rain 15mm/hour or more is likely to fall on the pasture within 3 hours of the product being applied. If Mycowet® is not used, the LIQUID Mycotak® may not be rain fast if heavy rain occurs up to 3 days after application.



## LIQUID MYCOTAK®

**HAZARD CLASSIFICATION:** Germ cell mutagenicity Category 1. Reproductive toxicity Category 1. Specific target organ toxicity - repeated exposure Category 2. Hazardous to the aquatic environment chronic Category 1. Hazardous to soil organisms.

**Read label carefully and obtain special instructions before use. Do not handle until all safety precautions have been read and understood.**

### APPROVED HANDLER

This product must be under the personal control of an approved handler or secured.

### HANDLING PRECAUTIONS

May cause sensitisation from prolonged skin contact. Avoid skin contact. May cause heritable mutation in cells. Repeated exposure at high doses may cause reproductive damage and may cause liver damage. May damage fertility or the unborn child. When mixing or applying, wear protective clothing, gloves and goggles. Do not eat or drink or smoke while using. Wash hands and face before meals and after work. Wash protective clothing after work. Flush spray equipment thoroughly with clean water after use. Do not breathe fumes/gas/mist/vapours/spray. Collect spillage.

### FIRST AID

If swallowed do NOT induce vomiting. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. For advice, or if you feel unwell, contact the National Poisons Centre (0800 764 768) or a doctor immediately. If medical advice is needed, have product container or label at hand.

### ENVIRONMENTAL PROTECTION

Avoid release to the environment. Very toxic to aquatic organisms. Toxic in the soil environment. Do not apply to bodies of water. Do not contaminate sewers, drains, dams, creeks or any other waterway with product or empty containers

### PRODUCT DISPOSAL

Ensure unwanted product is used by another operator is strictly in accordance with label directions. Triple rinse container and add residue to spray tank.

### CONTAINER DISPOSAL

Donaghys is a member of Agrecovery Container Recycling programme. To recycle this container please triple rinse and drop off to your local Agrecovery collection site. For details on how to correctly prepare your container and collection sites please visit the Agrecovery website [www.agrecovery.co.nz](http://www.agrecovery.co.nz)

### EMERGENCY RESPONSE

In case of spillage wear appropriate protective clothing and prevent material entering waterways. Absorb spills with inert material and place in waste containers. Sweep up solids without creating dust. Wash area with water and absorb with further inert material. Dispose of water safely.

### PRODUCT INFORMATION

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### RESISTANCE MANAGEMENT

Resistance to carbendazim and related benzimidazole (MBC) fungicides has developed from repeated use in some disease situations. In order to help prevent further development of resistant strains, use strictly in accordance with directions. Donaghys LTD accepts no responsibility for failure of LIQUID Mycotak® to control resistant strains.

**Note: It is an offence to use this product on animals.**

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