

WARNING
KEEP OUT OF REACH OF CHILDREN
READ LABEL BEFORE USE

Vitaflo®
Seed Treatment Fungicide **200**



SCAN ME



Active ingredient: 200g/litre carboxin and 200g/litre thiram in the form of a suspension concentrate.

FREE RECYCLING

AGRECOVERY

www.agrecovery.co.nz

Controls the major seed borne and soil borne diseases in wheat, barley, oats and maize.



Nufarm

Grow a better tomorrow.

Vitaflo® 200**GHS CLASSIFICATION**

Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Eye irritation Category 2, Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.

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

WARNING

- Harmful if swallowed, inhaled, or absorbed through the skin. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. Repeated oral exposure at high doses may damage the heart and cardiovascular system.
- Very toxic to aquatic life with long-lasting effects. Harmful to terrestrial vertebrates. Avoid contamination of any water supply with the product or empty container. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area

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 of Vitaflo 200 are subject to secondary containment and signage and more than 100 litres require emergency response plans.

PERSONAL PROTECTION

- Avoid contact with skin or eyes. Avoid breathing spray mist. When handling wear eye protection, waterproof gloves, overalls, and boots. Contaminated clothing should not be allowed out of the workplace. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly after handling..

EQUIPMENT

- Apply using well-maintained and accurately calibrated equipment.

DISPOSAL

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

First Aid: If medical advice is needed, have the product container or label at hand.

IF SWALLOWED: Do NOT induce vomiting. For advice contact the National Poisons Centre at 0800 POISON (0800 764 766) or a doctor immediately. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Begin artificial respiration if breathing has stopped. IF ON SKIN: Wash with plenty of soap and water. If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists get medical advice.

Spillage: Collect 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.

Transport: Do not carry Vitaflo 200 on a passenger service vehicle.

DISEASES CONTROLLED:

Vitaflo 200 provides control of the following diseases:

Wheat: Covered smut (commonly known as stinking smut or bunt), **loose smut**, **spot blotch**, and soil-borne seed and seedling rot diseases, including **fusarium**.

Barley: Covered smut, **loose smut**, **net blotch**, **spot blotch**, **leaf stripe**, and soil-borne seed and seedling rot diseases, including **fusarium**.

Oats: Covered smut, **loose smut**, **leaf spot**, **seedling blight**, **leaf stripe**, and soil-borne seed and seedling rot diseases, including **fusarium**.

Maize: Head smut and soil-borne seed and seedling rot diseases, including **fusarium**.

DIRECTIONS FOR USE:

It is an offence to use this product on animals.

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.

Seed treatment rate: To control the above diseases apply 250ml of Vitaflo 200 per 100kg seed. Where the level of loose smut in wheat or barley is 1% or more use 500ml Vitaflo 200 per 100kg seed.

Method of treatment and dilution rates

It is important to ensure even coverage of active ingredient over the seed while keeping the moisture content of the seed to a minimum.

- **Stir the container** to ensure thorough mixing before dilution.
- Ensure constant thorough agitation of the diluted mixture.
- Only treat dry seed with moisture content of 15% or less.

For use with high efficiency "mistomatic type" machines

When using a bucket dump weight of 2.5kg (of seed) with 23ml cups, dilute 375ml of Vitaflo 200 in 1 litre of water.

When using a bucket dump weight of 4.5kg (of seed) with 23ml cups, dilute 1 litre of Vitaflo 200 in 1 litre of water.

When using a bucket dump weight of 4.5kg (of seed) with 46ml cups, dilute 1 litre of Vitaflo 200 in 3 litres of water.

For use with lower efficiency slurry treaters

When using a bucket dump weight of 4.5kg (of seed), always use 46ml cups with a dilution of 1 litre of Vitaflo 200 in 3 litres of water.

Important note

If the bucket dump weight and cup sizes used are different to the above recommendations, refer to the "machine operators table" for the recommended dilution rates.

Labelling of treated seed: Treated seed must NOT be used for human or animal consumption and containers of treated seed must be labelled accordingly.

Registered pursuant to the ACVM Act 1997, No. P2694.

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

Approved pursuant to the HSNO Act 1996, Approval Code HSR000476.

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

®Vitaflo is a registered trademark of MacDermid Agricultural Solutions Inc.

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.

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