

140 x 100mm (WxH)

orion AGRISCIENCE

WARNING

KEEP OUT OF REACH OF CHILDREN



Compass[®]

FUNGICIDE

A systemic fungicide for disease control in WHEAT, BARLEY, OATS, RYEGRASS SEED CROPS, PEAS and ONIONS, for control of brownrot in STONEFRUIT and for control of rust and fusarium in PASTURE

Active Ingredient:

430 g/litre tebuconazole in the form of a suspension concentrate



10 Litres

140 x 100mm (WxH)

READ LABEL BEFORE USE**HAZARD CLASSIFICATIONS:**

Reproductive Toxicity Category 2, Specific Target Organ Toxicity Repeat Exposure Category 2, Hazardous to the Aquatic Environment Acute Category 1, Hazardous to the Aquatic Environment Chronic Category 1, Hazardous to Terrestrial Vertebrates

WARNING

Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Harmful to terrestrial vertebrates.

PRECAUTIONS**HANDLING REQUIREMENT**

This product must only be handled, mixed and applied by a suitably qualified person as defined under the HPC notice 2017 Part 4C. Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3 L or more is applied within 24 hours and likely to leave the application area. Obtain, read and follow all safety instructions before use. Avoid contact with eyes and skin. Do not breathe in the spray mist. Wash hands thoroughly after handling.

STORAGE:

Store in the original container. Keep container tightly closed. Store locked up. Avoid temperatures below 0°C and above 35°C. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.

PROTECTIVE EQUIPMENT

When mixing, loading or applying, wear overalls, boots, gloves and eye protection. Wear respiratory protection if spray mist could be inhaled.

DISPOSAL:

Dispose of this product by using it in accordance with this label. Dispose of the container via AgRecovery after triple rinsing (use the rinsate for spraying). Do not burn. Do not use the container for any other purpose.

ENVIRONMENTAL:

Take all reasonable steps to ensure that this product does not cause any significant adverse effects to the environment beyond the application area. Do not apply directly into or onto water. Collect spillage.

FIRST AID

If medical advice is needed, have product container or label at hand. If exposed or concerned, get medical advice. Get medical help if you feel unwell. For advice, call the Poisons Centre on **0800 POISON (0800 764 766)** or a Doctor.

EMERGENCY RESPONSE

In an emergency call **111, Police or Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

SAFETY DATA SHEET

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit www.orionagriscience.co.nz.

SPILLAGE

Extinguish any ignition sources. Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to a suitable landfill.

Batch No:

Date of manufacture:

WARRANTY

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Registered pursuant to the ACVM Act 1997, No. P7642

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

Approved pursuant to the HSNO Act 1996, No. HSR007675

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

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COMPASS 10L



GENERAL INFORMATION

Compass is a DMI systemic fungicide for control of a number of diseases in wheat, barley, oats, ryegrass seed crops, peas and onions.

DIRECTIONS FOR USE

It is an offence to use this product on animals.

RESISTANCE MANAGEMENT**GROUP 3 FUNGICIDE**

Compass is a member of the Demethylation Inhibitors (DMI) group of fungicides. Resistance to this and other DMI fungicides could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions and resistance management strategies that exist for any diseases listed on the label. In cereals and ryegrass seed crops, use a maximum of 3 DMI applications (including seed treatment) per crop at the full recommended label rate.

In stonefruit, use a maximum of 3 DMI applications per season, at the full recommended label rate, preferably in a mixture with a fungicide with a different mode of action. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label

APPLICATION METHODS

Apply with well maintained and calibrated spray equipment. Compass can be applied with conventional ground and aerial spraying equipment. Use higher water rates in dense or advanced crops, especially in dry weather.

Ground: Apply in at least 200 litres of water per hectare. For onions, use at least 1000 litres of water per hectare. Aerial: Apply in at least 50 litres of water per hectare.

MIXING

Pour the correct quantity into the partly filled tank then add the remaining water while agitating. The spray mixture should be kept agitated before and during spraying and before spraying after a stoppage.

COMPATIBILITY

Compass is compatible with commonly used herbicides and insecticides.

WITHHOLDING PERIODS

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

Cereals	49 days
Ryegrass Seed Crops	30 days
Peas	14 days
Onions	35 days
Fodder Cereals	28 days
Stonefruit	1 day
Pasture	Animals (including lactating animals) may be reintroduced into treated pasture 10 days after application. Animals for slaughter must be placed on clean pasture for 6 days prior to slaughter. Pasture is considered clean from residues 45 days after treatment. Where pasture cannot be guaranteed clean, such as in aerial applications, animals must not be sent for slaughter for 51 days after treatment of pasture.
Export Crops	Contact your exporter or industry crop adviser.

RATES AND TIMING OF APPLICATION

Crop	Disease	Rate per Hectare	Critical Comments
Barley	Scald, Net Blotch, Spot Blotch, Ramularia or Ovularia Leaf Spot, Leaf Rust. Ear Disease Complex	440 mL	Apply on first appearance of disease. A further application may be necessary 3 – 4 weeks later if reinfection occurs or disease pressure remains high. Apply to fully emerged ears. Compass may cause yellowing when applied with emulsifiable concentrate herbicide formulations.
Oats	Crown Rust	440 mL	Apply on first appearance of disease. A further application may be necessary 3 – 4 weeks later if reinfection occurs or disease pressure remains high.
Wheat	Stripe Rust, Leaf Rust, Powdery Mildew, Glume Blotch, Speckled Leaf Blotch. Ear Disease Complex	440 mL	Apply on first appearance of disease. A further application may be necessary 3 – 4 weeks later if reinfection occurs or disease pressure remains high. Apply to fully emerged ears. Compass may cause yellow leaf spotting to some durum wheats, particularly Tara, when applied after head emergence.
Onions	White Rot	875 mL	Apply first application 6 – 8 weeks after sowing, and follow with two further applications at 3 – 4 week intervals.
Peas	Powdery Mildew	145 mL	Apply as a preventative spray at flowering or at the first sign of disease. A further application may be necessary 14 days later if disease pressure remains high.
Ryegrass Seed Crops	Crown Rust, Stem Rust. Blind Seed Disease	440 mL	Apply on first appearance of disease. A further application may be necessary 3 – 4 weeks later if reinfection occurs or disease pressure remains high. Apply first application at the start of flowering, and follow with a further application 10 – 14 days later.
Stonefruit	Brown Rot (Blossom Blight)	23 mL / 100L water (min 465 mL/ha)	Apply at 7 – 10 day intervals from pink to shuck fall. Shorter intervals may be needed in wet weather. Use non DMI fungicides in the preharvest period. OR Apply 2 – 3 applications at 7 – 10 day intervals in the preharvest period. Use non DMI fungicides earlier in the season.
Pasture	Rust, Fusarium	440 mL Add Silmaxx™ penetrant at 100 mL / 100L (ground) or 200 mL / 100L (aerial)	Apply on first appearance of disease. A further application may be necessary if disease pressure remains high. Do NOT reapply at less than a 28 day interval, or more than twice per season. Ensure complete coverage of grazed areas. Do NOT apply when temperatures are above 20°C, or in wind speed greater than 12 Kph.

For stonefruit, the rates suggested are for high volume spraying to run off. For concentrate spraying, adjust dilution rate accordingly.