

# CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# Pro Guard<sup>®</sup>T

SEED TREATMENT

**ACTIVE CONSTITUENT:** 25 g/L TEBUCONAZOLE  
4 g/L TRIFLUMURON

**GROUP C FUNGICIDE**

**GROUP 15A INSECTICIDE**

**For control of bunt, flag smut and loose smut of wheat. For control of covered and loose smut of barley. For control of covered and loose smut of oats. Treated seed is also protected against insect pests of stored grain.**

**Contents: 20 Litres**

Crompton Specialties Pty Ltd  
3 Opala Street Regency Park South Australia 5010  
Tel: (08) 8268 5700 Fax: (08) 8268 7555

**Crompton**

## DIRECTIONS FOR USE

**Restraint: Do NOT treat physically damaged seed.**

Crop	Disease/Pest	Rate	Critical Comments
Wheat	Bunt Flag Smut (seed and soil borne) Loose smut	100 mL/100 kg seed	ProGuard T Seed Treatment should be mixed with water to give even coverage of seed. The quantity of water will vary depending on type of equipment and quality of seed. Use a minimum of 400 mL of mixture (i.e. ProGuard T plus water) with each 100 kg of seed. Do not use more than 600 mL of mixture (product + water) with each 100 kg of seed. Whatever dilution is used it is essential that 100 mL of ProGuard T is applied per 100 kg of seed. The mixture should be gently stirred regularly. If nasal irritation occurs wear a face mask while treating seed.
Barley	Covered and loose smut		
Oats	Covered and loose smut		
Wheat Barley Oats	Protection against pests of stored grains: Granary weevil, Lesser grain borer, Rice weevil, Rust-red flour beetle, Sawtoothed grain beetle		

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

**WITHHOLDING PERIODS:**

**FOOD PRODUCING CROPS: NOT REQUIRED WHEN USED AS DIRECTED**

**STOCK: DO NOT GRAZE PLANTS GROWN FROM TREATED SEED, OR CUT FOR STOCK FOOD WITHIN 4 WEEKS OF SOWING.**

### GENERAL INSTRUCTIONS

ProGuard T may delay emergence of wheat. Crops will recover rapidly in most soils without any adverse effect on yield. Sowing ProGuard T treated wheat deeper than 50 mm may reduce plant establishment in heavier soils or soils that will crust or clod at the surface after sowing. Sowing rates may need to be adjusted accordingly.

#### Seed quality

ProGuard T Seed Treatment should not be used on seed with more than 12% moisture content, or on sprung, sprouted, damaged or severely pinched seed, or seed of poor viability. If in doubt, have a germination test carried out on the seed before treatment to ensure that it is of acceptable standard. Treating with ProGuard T as directed will raise the moisture level of the seed by up to 0.6%, depending on weather conditions at treatment. The use of ProGuard T mixed with water at recommended rates will have no effect on the storage life of treated sound seed.

#### Storage of treated seed

Treated seed may be held over for sowing in the following season. If so, additional insecticide treatment will be necessary. Treated seed prevents insects from multiplying and preserves grain condition but may

not kill adult insects migrating from other infested grain. If the seed is not used immediately after treatment it should be stored in a dry, well ventilated place. Although ProGuard T has no effect on the viability of treated seed, subsequent germination can be adversely affected by poor storage conditions such as high moisture combined with high temperatures. No liability can therefore be accepted for the performance of stored treated seed.

#### Cleaning up

Equipment should be thoroughly cleaned with water. In the event of changing from this water based flowable formulation to a solvent based liquid formulation, it is essential to rinse equipment with methylated spirits after thoroughly cleaning with water. If changing from a solvent based liquid to this water based flowable thoroughly clean with methylated spirits then rinse with water. Failure to do so will result in clogging of equipment.

#### Precaution

Do not allow seed treated with this product to contaminate seed intended for human consumption. If possible, use a separate auger for treating

seed. If using the same auger for treating seed and moving grain for human consumption, remove all ProGuard T residue from the auger to avoid contaminating untreated seed with seed dressing residues.

#### Fungicide Resistance Warning

GROUP **C** FUNGICIDE

ProGuard T is a member of the DMI group of fungicides. For fungicide resistance management the product is a Group C fungicide. Some naturally occurring individual fungi resistant to the product and other Group C fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product and other Group C fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Crompton Specialties Pty Ltd accepts no liability for any losses that result from failure of this product to control resistant fungi.

#### Insecticide Resistance Warning

GROUP **15A** INSECTICIDE

For insecticide resistance management, triflumuron is a Group 15A insecticide. Some naturally occurring insect biotypes resistant to triflumuron and other Group 15A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if triflumuron and other Group 15A insecticides are used repeatedly. The effectiveness of triflumuron on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Crompton Specialties Pty Ltd accepts no liability for any losses that may result from the failure of triflumuron to control resistant insects. Triflumuron may be subject to specific resistance management strategies. For further information contact your local supplier, Crompton Specialties Pty Ltd representative or local agricultural department agronomist.

#### Protection of Livestock

Seed treated with this product must not be used for animal consumption or poultry feed or mixed with animal feed. Do NOT allow seed treated with this product to contaminate seed intended for animal consumption.

#### Protection of Wildlife, Fish, Crustaceans and Environment

Do NOT feed treated seed or otherwise expose to wild or domestic birds.

Harmful to fish and aquatic arthropods. Do NOT contaminate dams, rivers, ponds, waterways or drains with this product, used containers or bags which have held treated seed.

#### Storage and Disposal and Protection of Others

When treated seed is stored it should be kept apart from other grain and the bags or other containers should be clearly marked to indicate the contents have been treated with this product. Do NOT use treated seed for human consumption. Bags which have held treated seed are not to be used for any other purpose. Store product in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. Triple or preferably pressure rinse container before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

#### Safety Directions

Wash hands after use.

#### First Aid

If poisoning occurs contact a doctor or Poisons Information Centre (131 126).

#### Material Safety Data Sheet

For further information refer to the Material Safety Data Sheet for the product.

CROMPTON SPECIALTIES PTY LTD  
EMERGENCY CONTACT  
**1800 033 111**  
AUSTRALIA WIDE, 24 HOURS

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