

**HARMFUL, CORROSIVE, ECOTOXIC**  
**KEEP OUT OF REACH OF CHILDREN**

**Teedal<sup>®</sup>**

**HERBICIDE**

**Contains: 630 g/kg TCA plus 110 g/kg 2, 2 dichloropropionic acid  
as the sodium salts in the form of water soluble powder**

**Controls barley grass in pasture**

# PLEASE READ THE ENTIRE LABEL BEFORE MIXING OR USE. SHAKE WELL BEFORE USE.

**HAZARDOUS CLASSIFICATIONS:** 6.1E, 6.9B, 8.2C, 8.3A, 9.1A, 9.2A

**APPROVED HANDLER:** This product must be under the control of an approved handler when in use. See SDS for full details.

**RECORDS:** Records of use must be kept under certain circumstances. See SDS for full details.

**DANGER:** This product is corrosive to eyes and skin and may cause burns or eye damage.

**WARNING:** May be harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin and inhalation of spray mist. May cause organ damage from repeated oral exposure of high doses.

**FIRST AID:** If swallowed DO NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub the skin. If splashed in eyes, wash out immediately with water for at least 15 minutes. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped

**PERSONAL PROTECTION:** When handling, wear waterproof gloves, eye protection, overalls and boots. Avoid contact with skin and inhalation of spray mist. Wash splashes from skin immediately. Wash clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

**ECOTOXIC:** Warning - very toxic to aquatic organisms. Avoid contamination of any water supply with chemical or empty container. Very toxic to the soil environment. Selective herbicide very toxic to some plant species.

**STORAGE:** Store in original container, tightly closed in a dry area, away from foodstuffs.

**SHELF LIFE:** When stored appropriately, this product should show no significant degradation for 4 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

**DISPOSAL:** Dispose of this product only by using according to the label. The packaging can be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance to all regulations or at an approved disposal facility. Avoid contamination of any water supply with chemical or packaging.

**SAFETY DATA SHEET:** Additional information is listed in the SDS available from Lonza NZ Limited or [www.lonza.co.nz](http://www.lonza.co.nz)

**Approved pursuant to the HSNO Act 1996,** No: HSR000421. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

**Registered pursuant to the ACVM Act 1997,** No: P001592 See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

TEEDAL herbicide is a pre and post emergence herbicide for selective control of barley grass in rye grass/clover pastures with minimum pasture damage.

TEEDAL herbicide also controls barley grass in non-crop areas such as stockyards, driveways, ditch banks and stock camp areas under trees.

**NOTE:** TEEDAL will also control annual weed grasses such as Annual poa, Bromis mollis (Goose grass), and Vulpia (Hair Grass). Thus where a large amount of barley grass or other annual grass is present, application may need to be followed by oversowing after 8 weeks, or in early Autumn.

**TEEDAL IS NOT RECOMMENDED FOR THE CONTROL OF BARLEY GRASS IN THE GREEN FLOWER HEAD STAGE.**

**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.**

## CRITICAL COMMENTS

**RATE OF APPLICATION Boom Spraying:** Apply TEEDAL in 200 litres of water per hectare. The rate of application will vary according to district and the density of the barley grass infestation. Use 7 kg/ha on close grazed pastures (less than 5cm) or in the drier regions having an annual average rainfall of less than 760mm. Use 9 kg/ha in areas with a higher rainfall e.g. Waikato, Taranaki, Coastal Otago and Southland, or when treating dense infestations around stock camps, along fence lines or where pasture is not closely grazed (greater than 5cm) e.g. dairy pastures, or where treatment is delayed until August.

**Gun Spraying** as a spot treatment: (non crop areas), mix 900g of TEEDAL per 100 litres water and apply as a wetting spray. (Avoid spray runoff and excessive soil contamination). Use No.4 tip at 350-700 kPa pressure and lightly but evenly wet all the foliage.

**METHOD OF APPLICATION Boom Spraying: Broadcast Treatment:** To obtain maximum control of barley grass in pasture with minimum pasture damage the application of the recommended rate of TEEDAL must be precise and thorough without excessive overlapping. The spray equipment should be completely free of foreign matter which could cause a blockage. Correctly calibrated vehicle mounted spray equipment is necessary for accurate broadcast application. All nozzles should be checked with water for an even distribution of the spray pattern before mixing TEEDAL THE BOOM SHOULD BE SET AT THE CORRECT HEIGHT ABOVE THE PASTURE TO AVOID STRIPPING EFFECTS. For treating along fencelines, around water troughs and under trees, the use of a boom extension nozzle such as a Teejet OC 12 off centre tip is recommended.

**SPRAY ADDITIVES:** DO NOT mix any other weed killers or surfactants with TEEDAL spray solution as this may cause a serious loss in selectivity to the desirable pasture species.

**MIXING:** TEEDAL IS COMPLETELY WATER SOLUBLE. ADD DISSOLVED PREMIXES OF TEEDAL TO THE PARTLY FILLED SPRAY TANK AND STIR THOROUGHLY WHILE ADDING THE REMAINDER OF THE WATER. Spray mixes should NOT be left to stand for more than one day.

After spraying care should be taken to flush out equipment twice with clean water and drain before storage.

**CAUTION SHOULD BE TAKEN IN TREATING AREAS WHERE CLOVER PRODUCTION IS IMPORTANT AS SUPPRESSION CAN OCCUR ESPECIALLY WITH THE HIGH RATE APPLIED DURING ACTIVE GROWTH. GERMINATION OF SUBTERRANEAN CLOVER SHORTLY AFTER TREATMENT WITH TEEDAL MAY BE INHIBITED.**

**TIME OF APPLICATION:** TEEDAL gives most efficient control when applied to closely grazed pasture (3-5cm). TEEDAL also gives limited residual control of barley grass seedlings germinating after treatment. To obtain maximum long term control of barley grass and minimum pasture suppression it is essential to apply TEEDAL during the period from May to early August (late Autumn to early Spring). Spot applications to waste areas or heavily infested areas can be applied at a later stage but still prior to the first appearance of any green flower heads of the barley grass. TEEDAL should not be applied to pasture under severe stress conditions (e.g. drought or frost) or damage may occur.

**FOLLOW-UP TREATMENT:** Where infestation is dense, e.g. waste areas and paddock perimeters, and further germinations occur, a second application of TEEDAL late in the same season may be required. This should be applied before any green flower heads appear.

**AERIAL APPLICATION:** As TEEDAL can suppress clover growth, aerial application should be confined to heavily infested ridges where it is impractical to treat with ground equipment. Ideally for aerial application, two passes should be made, each applying half the total volume. This is best done by moving only half the effective swath width, with each parallel pass.

**RESISTANCE MANAGEMENT:** **GROUP N HERBICIDE** Teedal contains two chloro-carbonic acid herbicides with the non ACCase inhibition of lipid synthesis mode of action. Certain weed biotypes resistant to Teedal and related group N herbicides could exist or develop due to natural genetic variation. To minimise the risk of any resistant plants dominating the weed population use strictly in accordance with label instructions. Do not use group N herbicides exclusively and follow any resistance management strategies that may exist for particular weeds on this label. For further information see [www.resistance.nzpps.org](http://www.resistance.nzpps.org)

**NOTICE TO BUYER:** The manufacturers and vendors of TEEDAL warrant the formulation to contain the specified active ingredients within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material be used in accordance with the directions or not.