

**WARNING KEEP OUT OF REACH OF CHILDREN**  
**Read label before use Not for use on food or animal feed crops**

# TERBOHEX<sup>®</sup>



**HERBICIDE**

A selective herbicide for the control  
of grass and broadleaf weeds in  
RADIATA PINE

**CONTAINS:**

425 g/L terbuthylazine and 75g/L hexazinone

**DONAGHYS**

## INSTRUCTIONS - TERBOHEX

**PROTECTIVE CLOTHING:** When mixing or applying wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length PVC gloves. Remove protective clothing and wash hands, arms and face thoroughly with soap and water before meals and after work. Wear safety glasses when mixing/applying.

**SPILLS:** Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing to clean up spills. Absorb spills with an inert (such as earth, sand or synthetic absorbent substance) material and place in waste containers. Wash area with water and alkaline detergent then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

**PRODUCT DISPOSAL:** Preferably dispose of product by use. Otherwise dispose of product and packaging at an approved landfill facility. Triple rinse container. Recycle empty rinsed container at an approved recycling centre. Otherwise puncture or crush empty container and dispose of at approved landfill facility. Do not use container for any other purpose.

**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)

Weeds controlled: Barley grass, black nightshade, broom (seedling), browntop, catsear, chickweed, clovers, cocksfoot, doves foot, fathen, fireweed, gorse (seedling), nodding thistle, pampas (seedling), poa, ryegrass, scotch thistle, shepherds

purse, storksbill, sweet vernal, tall fescue, willow weed, yorkshire fog, and other annual grass and broadleaf weeds.

### NOT FOR USE ON FOOD OR ANIMAL FEED CROPS

#### Application method:

**Broadcast:** 15-17.5L of TERBOHEX in 150-300L water per hectare

**Spot application:** Calibrate equipment carefully to deliver 1.5-2mL of TERBOHEX per square metre in sufficient water to gain good coverage. Treat 2 square metres around each tree.

**Spotgun:** Mix 110mL of TERBOHEX in 1L of water and apply 15-20mL of the mixture per square metre.

**Knapsack:** Mix 55mL of TERBOHEX in 1L water and apply 30-40mL of the mixture per square metre.

Use the higher rates on seedling gorse, or tall, rank weed growth, or where a longer residual is required. The addition of a wetting agent is not required. Apply prior to spring growth in September-October. If necessary, a repeat application can be made 12 months later.

**NOTE:** For control of difficult to kill grasses like paspalum, kikuyu, couch or mercer grass, add haloxyfop-P containing herbicide.

**Compatibility:** TERBOHEX is compatible with other herbicides commonly used in forestry.

### RESISTANCE MANAGEMENT:

GROUP	5	HERBICIDE
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TERBOHEX contains Group 5 herbicides belonging to the triazines chemical family. Some naturally occurring weeds may become resistant when excessive use of the same herbicide occurs. To prevent or delay development of resistance, use in



## INSTRUCTIONS - TERBOHEX

tank mixes and/ or rotate use with herbicides with a different mode of action. Refer to <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.

UN number 3082 Packaging Group III Hazchem 3Z.

### **Environmentally Hazardous Substance, Liquid, N.O.S. (Contains Terbutylazine, Hexazinone)**

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 Limited (0800 942 006).

EPA Approval number HSR000492. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions

### **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.**



**READ THE LABEL COMPLETELY BEFORE USE**

**HAZARD CLASSIFICATION:** Eye irritation Cat. 2, STOT Rep. Exp. 2, Aquatic Acute 1, Aquatic Chronic 1, Hazardous to terrestrial vertebrates.

May be harmful if swallowed. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Hazardous to soil organisms.

**PRECAUTIONS:** Keep out of reach of children. Avoid contact with skin and eyes. Do not breath in spray mist. Do not eat, drink, or smoke when using this product. Wash hands thoroughly after use. Avoid release to the environment.

**DIRECTIONS FOR USE - READ ENTIRE BOOKLET BEFORE USE**

**GENERAL INFORMATION** TERBOHEX is a selective herbicide for the control of grass and broadleaf weeds in radiata pine plantations, for use either pre-planting or over newly planted "bare-rooted" trees.

**BEWARE: APPLY THIS PRODUCT CAREFULLY. SPRAY DRIFT MAY CAUSE SERIOUS DAMAGE TO OTHER DESIRABLE PLANTS.**

**MIXING** Use only clean water which is above 5°C temperature. Do not add surfactants. Add the required amount to the partly filled spray tank with the agitator operating. Complete filling tank with water and use immediately, maintaining agitation until spraying is complete.

**EQUIPMENT** Apply using accurately calibrated and maintained equipment in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS8409). Thorough and even application is essential. Apply only through properly calibrated boom spraying or handgun equipment. Do not use impact nozzles or broadcast nozzle cluster equipment. TERBOHEX is non-corrosive and almost non-abrasive and can be applied with conventional ground, spot and aerial methods. Do not use strainers finer than 300 micrometers.

**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 SPLASHED IN EYES:** Wash out immediately with water. **IF SKIN OR HAIR CONTACT OCCURS:** remove contaminated clothing and flush skin and hair with running water.

Non-reinforced PVC tubing may soften or swell after prolonged contact. Thoroughly clean sprayer after each use with water and detergent. Spray out completely and rinse twice with clean water. Open tank lid and remove nozzles to allow access to air.

**STORAGE:** Store in original, closed container in a cool, dry place, out of direct sunlight and away from stock feed or foodstuffs. As a Class 9 Substance with Ecotoxicity Classifications, storage of TERBOHEX herbicide must be carried out in such manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS8409) is followed as a means of meeting the secondary containment provisions of the HSNO Emergency Management Regulations. See MSDS for further information.

**Registered To and Manufactured by:**

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