

KEEP OUT OF REACH OF CHILDREN  
**ECOTOXIC**

# Dqethal<sup>®</sup>

Selective herbicide for the control of annual  
grasses and many broadleaf weeds in:  
**Onions, Forest Nurseries and Ornamentals.**

**READ THE LABEL CAREFULLY BEFORE USE**

Active Ingredient:  
750g/kg chlorthal-dimethyl in the form  
of a wettable powder.

Registrant:  
Etec Crop Solutions Limited  
PO Box 51584, Pakuranga  
Auckland, New Zealand  
**Phone: 0800 100 325**  
**[www.etec.co.nz](http://www.etec.co.nz)**

NET  
CONTENTS:  
**10.89**  
Kg

EL666

**Etec**<sup>®</sup>  
CROP SOLUTIONS

255mmW X 220mmH

 PMS 348  PMS 375

 PMS 369  BLACK

ECOTOXIC. KEEP OUT OF REACH OF CHILDREN
HSNO Class: 6.3B, 6.4A, 6.9B, 9.1B
ENVIRONMENTAL WARNING: TOXIC TO AQUATIC ORGANISMS WITH LONG LASTING EFFECTS. Do not contaminate sewers, drains, dams, creeks or any other waterways with product or empty container. Very toxic to some plant species – selective herbicide.
HEALTH WARNING: WARNING – may cause mild skin and eye irritation. Avoid contact with the skin and eyes. HARMFUL – repeated oral exposure at high doses is presumed to cause liver and thyroid gland toxicity.
PRODUCT DISPOSAL: Ensure unwanted product is used by another operator strictly in accordance with label directions.
CONTAINER DISPOSAL: Triple rinse container and add residue to spray tank. Burn if permitted and circumstances, especially wind direction permit, otherwise bury in landfill.
HANDLING PRECAUTIONS: When mixing or applying, wear protective clothing, gloves and goggles. Do not eat drink or smoke while using. Wash hands and face before meals and after work. Wash protective clothing after work. Flush spray equipment thoroughly with clean water after use.
STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs. This product should be stored in accordance with NZS 8409 Management of Agrichemicals and storage of certain quantities may require bunding and signage. See the HAZNOTE for further information.
When stored appropriately this product should show no significant degradation for 2 years. Contact your supplier for further information about the use of any product that is older than this.

**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.

**PRODUCT INFORMATION**

**DACTHAL 75W** is a selective herbicide for use in onions, forest nurseries and ornamentals. Residual control of many weed seedlings is provided for two to three months after treatment.

**WEEDS CONTROLLED**

**Annual Grasses** Barnyard grass, Crowfoot grass, Annual poa, Smooth witchgrass, Yellow bristlegrass

**Annual Broadleaf** Black nightshade, Chickweed, Fathen, Nettle, Redroot, Wild portulaca, Wireweed.

**WEEDS NOT CONTROLLED INCLUDE:**Clover, Fumitory, Mustards, Prairie grass, Shepherds purse, Twincress, Wild turnip.

**It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards**

**DIRECTIONS FOR USE**

Apply to a moist, finely prepared seedbed, free from trash and clods, either immediately after sowing or just before crop emergence. If weed seedlings have germinated at the time of treatment, apply **DACTHAL 75W** in combination with a suitable non-residual knockdown herbicide as a tank mix. **DACTHAL 75W** is activated by soil moisture.

15 – 20mm of rainfall or overhead irrigation should follow application within 2–3 days.

Under extreme dry conditions, shallow incorporation to a depth of not more than 15 mm, may improve results. Follow up treatments of **DACTHAL 75W** at reduced rates, 8 – 10 weeks after the first application has been made, are recommended to extend control of later germinating weed seedlings.

**MIXING INSTRUCTIONS**

Premix the required amount of **DACTHAL 75W** with a small quantity of water to obtain a smooth cream. Partly fill the spray tank and start agitation. Pour in the prepared cream and continue to agitate while filling is completed. When adding another herbicide, add to the tank before filling is complete. Maintain agitation until the contents of the spray tank have been applied.

**APPLICATION EQUIPMENT**

**DACTHAL 75W** is non-corrosive and can be applied through all standard ground spraying equipment. Do not use strainers finer than 380 microns as blockages may occur. After use, thoroughly flush spray equipment with clean water. Surplus spray liquid should not be disposed of on any cropping land or waterway.

**RECOMMENDATIONS**

Application Rate: 10–14 kg/ha in 250–400 litres of water		
Use the higher rates on heavy loam or clay soils and those rich in organic matter. Use lower rates on lighter soil types. For small applications, mix 100 to 140 g of <b>DACTHAL 75W</b> in sufficient water to cover an area of 100 square metres.		
Crop	Timing	Remarks
Onions	Pre-emergence. Apply soon after sowing to freshly cultivated soil. <u>Advance emergence.</u>	Use at in a programme with suitable onion herbicides for weeds not controlled by DACTHAL 75W. Apply a repeat application using 6 – 10 kg/ha 8 – 10 weeks after sowing to extend residual weed control.
Forest Nurseries Pinus species. Cupressus Macrocarpa Cryptomeria Japonica Eucalyptus Botryoides	Apply to the nominated species at time of sowing.	To provide extended Summer weed control, apply again 3 weeks after crop emergence and repeat at 6 – 8 week intervals
Ornamentals and container grown plants	Apply to freshly cultivated soil following re-potting or lining out.	Repeat application at 8 – 10 week intervals for extended weed control



**Notes:**

- Animal feed/ grazing restriction:** **DACTHAL 75W** contains minute quantities of HCB, a compound that can be taken up by grazing stock to give unacceptable residue levels in meat and milk. Do not feed any part of a treated crop to stock. Do not use **DACTHAL 75W** where grass pasture is an essential part of crop rotation. Do not sow grass pasture until at least one crop has followed the use of **DACTHAL 75W**.
- Tolerant Ornamental Species:** A shortened list of transplanted, tolerant ornamental species includes: Ageratum, alyssum, ash, aster, azalea, barberry, birch, camellia, candytuft, chrysanthemum, coleus, cotoneaster, crab-apple, cypress, dahlia, delphinium, eleagus, elm, forget-me-not, forsythia, geranium, gladiolus, holly, honeysuckle, hydrangea, iris, ivy, lantana, lavender, lilac, lily, magnolia, marigold, peony, petunia, pittosporum, podocarpus, poplar, privet, rhododendron, rose, salvia, snapdragon, sunflower, sweet pea, sycamore, verberna, violet, willow, yarrow, zinnia.
- Intolerant ornamental species:** Do not apply to - Carnation, gypsophila, mesembryanthemum, pansy, phlox, sweet william, telanthera.

**EXCLUSION OF LIABILITY: PLEASE READ**

To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Etec Crop Solutions Limited as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

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Batch No.

DOM

EL666

24 HOUR  
EMERGENCY  
RESPONSE  
0800CHEM CALL  
0800 243 622

