

**WARNING:**  
**HARMFUL & Corrosive – Keep out of reach of children**  
**ECOTOXIC**



**2,4-DB**

**HERBICIDE**

**ACTIVE INGREDIENT:** Contains 400 g/litre 2,4-DB as the sodium salt in the form of a soluble concentrate.

**GROUP 01 HERBICIDE**

**Controls broadleaf weeds in lucerne and new pastures**

**READ THIS LABEL COMPLETELY BEFORE MIXING OR APPLYING**

**Dow AgroSciences (NZ) Ltd**  
89 Paritutu Road, Private Bag 2017, New Plymouth 4342  
[www.corteva.co.nz](http://www.corteva.co.nz)  
**Telephone 0800 803 939**

#### HAZARD CLASSIFICATION

6.1D, 6.3A, 6.5B, 6.9A, 8.3A, 9.1C, 9.2A, 9.3C, 9.4C

#### APPROVED HANDLER

This product must be under the personal control of an approved handler when:

- applied in a wide dispersive manner; or
- used by a commercial contractor.

#### RECORD KEEPING

Records of use, as described in relevant HSNO regulations and The New Zealand Standard for the Management of Agrichemicals (NZS8409), must be kept if more than 3L of **2,4-DB HERBICIDE** is applied or discharged within 24 hours in a place where members of the public may be present or where the substance may enter air or water and leave the place.

#### TOXICITY

THIS PRODUCT IS CORROSIVE TO THE EYES AND MAY CAUSE EYE DAMAGE. MAY CAUSE SKIN IRRITATION. MAY CAUSE SENSITISATION FROM PROLONGED SKIN CONTACT. MAY CAUSE ORGAN DAMAGE FROM REPEATED ORAL EXPOSURE AT HIGH DOSES. Avoid contact with eyes and skin. **DO NOT** eat, drink or smoke while using. Remove protective clothing immediately after handling this product and wash hands and face before meals and after work.

#### ECOTOXICITY

HARMFUL TO TERRESTRIAL VERTEBRATES AND INVERTEBRATES. HARMFUL TO AQUATIC ORGANISMS. **DO NOT** contaminate an aquatic environment with chemical or empty container. **DO NOT** spray or allow drift off target.

SELECTIVE HERBICIDE – VERY TOXIC TO SOME PLANT SPECIES. Some plants may be damaged or killed by contact with this product. **DO NOT** allow drift outside the target area to occur. Decontaminate equipment before use on sensitive plants (see Application Methods section).

#### HANDLING PRECAUTIONS

##### EQUIPMENT

Apply using accurately calibrated and maintained equipment in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS8409).

Flush equipment thoroughly with clean water after use according to Cleaning Spray Equipment instructions below. Dispose of cleaning water according to the disposal instructions below.

##### STORAGE

Store in the original container tightly closed and in a locked, dry, cool, well ventilated area, well away from ignition sources and foodstuffs.

Storage must be generally in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS8409). Stores containing 100L or more of **2,4-DB HERBICIDE** are subject to signage, and those containing 1000L or more require bunding. See the Hazardous Substances Emergency Management and Identification Regulations and The New Zealand Standard for the Management of Agrichemicals (NZS8409) for further information.

##### PERSONAL PROTECTION

When mixing or applying wear eye protection, chemical resistant and waterproof gloves made of material such as polyethylene or polyvinyl chloride, chemical resistant boots, cotton overalls buttoned to the neck and wrist and a washable hat.

##### SPILLS

**DO NOT** touch or walk through spilled material. Wear a face shield or goggles, overalls buttoned to neck and wrist,

chemical resistant gloves and footwear. Stop leak when safe to do so. Dam area and prevent entry into waterways, and drains. **Small spills/leaks:** Absorb with proprietary absorbent suitable for chemical spills or inert material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal. **Large spills/leaks:** Dam the area off and report them to Corteva Agriscience Emergency Services at 0800 844 455.

##### DISPOSAL

Triple rinse empty container and add rinsate to spray tank. Triple rinsed containers containing the Agrecovery logo on the label and that are free of all residues (liquid and dry) and have an intact legible label should be taken to an Agrecovery collection site. Otherwise crush or puncture and bury in a suitably approved landfill. **DO NOT** burn empty containers.

Dispose of the product only by using according to the label, via Agrecovery (visit [www.agrecovery.co.nz](http://www.agrecovery.co.nz) or call 0800 AGRECOVERY (247 326) for information about the type and quantity of chemical acceptable for disposal), or at an approved landfill. **DO NOT** burn.

Dispose of equipment cleaning water onto ground away from susceptible crops and plants.

**DO NOT** dispose of this product; spray mix or equipment cleaning water down drains or sewers.

##### 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 wash skin and hair with soap and water.

##### TRANSPORT

**DO NOT** carry on a passenger service vehicle.

##### SAFETY DATA SHEET

A Safety Data Sheet for **2,4-DB HERBICIDE** is available from Corteva Agriscience on request. Call Customer Service Toll Free on 0800 803 939 or visit [www.corteva.co.nz](http://www.corteva.co.nz).

##### NOTICE

**Important:** You **must** read the warning and conditions given on this label. If they are not acceptable, or if you are in doubt as to the proper handling of this product (including its transport, storage, use, disposal, and requirements for approved handlers (if applicable)) then return the unopened product to the supplier at once.

**Warning:** This product is subject to controls and could be hazardous if handled incorrectly. The **user is responsible** for ensuring that the handling of this product is in accordance with the law (including the *Hazardous Substances and New Organisms Act 1996* and the *Agricultural Compounds and Veterinary Medicines Act 1997*) and with the directions provided. The Registrant declines all liability (whether in contract, tort (including but not limited to negligence), or otherwise) to the maximum extent permitted by law in relation to the handling of this product in a manner which is contrary to the directions given or to any applicable Acts, Regulations or Guidelines.

**Further information** regarding the applicable Acts, Regulations and Guidelines for the proper handling of this product may be obtained by contacting EPA New Zealand ([www.epa.govt.nz](http://www.epa.govt.nz)) or the Ministry for Primary Industries (MPI) ([www.foodsafety.govt.nz](http://www.foodsafety.govt.nz)).

This product is warranted to contain the specified active ingredients within accepted analytical tolerance when packed.

## ANIMAL SAFETY

Poisonous plants (including but not limited to ragwort, tutu) may become more palatable after spraying. If concerned that stock may be affected, stock should be kept away from the area until the plants have died down.

## APPLICATION METHODS

**2,4-DB HERBICIDE** can be applied using conventional ground or aircraft spraying equipment. Flush equipment thoroughly with clean water after use. **Decontaminate before using on plants that are sensitive to 2,4-DB HERBICIDE.** Crops susceptible to **2,4-DB HERBICIDE** include, but are not limited to: all brassicas, beans, flowers, fruit trees, lupins, ornamentals, potatoes, shade trees, squash, sunflowers, tomatoes, vegetables, and vine crops.

**Boom spraying:** Use 100–200 L/ha water applied with at least a medium spray droplet size category as defined by the BCPC or the ASABE (S572). **To minimise off-target drift DO NOT** apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site and **DO NOT** apply during surface temperature inversion conditions at the application site.

For difficult to control perennial pasture weeds use 300 L/ha water to obtain more complete coverage.

**Aerial spraying:** Use 60–100 L/ha water applied with at least a coarse spray droplet size category as defined by BCPC and ASABE (S572). **To minimise off-target drift DO NOT** apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site and **DO NOT** apply during surface temperature inversion conditions at the application site. Flush equipment thoroughly with clean water after use.

**IMPORTANT:** In order to select the appropriate nozzles for the required spray quality and to operate the equipment to minimize spray drift, this product must be applied in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS8409).

**MIXING:** Pour the measured quantity of 2,4-DB Herbicide into the partly filled spray tank and add the remainder of the water. Agitate thoroughly during filling.

### Cleaning spray equipment:

#### Rinsing

After using **2,4-DB HERBICIDE**:

- Empty the spray unit completely and drain the whole system. Thoroughly wash inside the unit using a pressure hose. Drain spray unit and clean any filters in the tank, pump, lines, hoses and nozzles.
- After cleaning the spray unit as above, quarter fill with clean water and circulate the water through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.
- Discard rinse water on land already sprayed or on wasteland away from desirable plants and water sources.

#### Decontamination

Before using equipment with other products sensitive to **2,4-DB HERBICIDE**:

- Wash the tank and rinse the system as above, then quarter fill the tank and add a standard alkali based laundry detergent at 50g (or mL)/100L of water and circulate through the system for at least 15 minutes. If using a concentrated laundry detergent use 250 g (or mL)/100L of water. **DO NOT** use chlorine based cleaners.
- Drain the whole system. Remove filters and nozzles and clean them separately.
- Finally, flush the system with clean water and allow to drain.

**Cleaning water should be discharged onto a designated disposal area, or onto unused land away from desirable plants and water sources.**

## WITHHOLDING PERIODS

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

Except for animal safety reasons no withholding period is required when used as directed.

## RESISTANCE MANAGEMENT

### GROUP 01 HERBICIDE

**2,4-DB HERBICIDE** is a phenoxy carboxylic-acid herbicide (Group 01). Some naturally occurring individual weeds may become resistant when excessive use of the same herbicide occurs. To maximize the effectiveness of herbicides, products containing alternate modes of action should be used in the spray program. Consult <http://resistance.nzpps.org> for alternate modes of action and the details of resistance management strategies (if any) for the crops listed on the label.

### DIRECTIONS FOR USE:

**2,4-DB HERBICIDE** is recommended for selectively controlling broadleaf weeds in new pastures and lucerne. Red clover crops should be sprayed with MCPB Herbicide.

**Avoid application prior to expected heavy rain.**

**2,4-DB HERBICIDE** should be applied as soon as young clovers or young lucerne have developed one and preferably two trifoliate leaves. Where more than 50% bare ground is exposed the spraying should be delayed until the vegetation provides a more complete cover, to reduce the possibilities of root absorption. Weeds should be small and actively growing at treatment. Established lucerne stands can be sprayed but some crop suppression may occur. Heavy grazing prior to spraying will minimise damage.

### WEEDS CONTROLLED:

WEEDS	RATE L/ha	COMMENTS
Redroot, field bindweed, shepherd's purse, buttercups (annual), cresses, fathen, hedge mustard, nettles, plantains, thistles (annual), wild turnip.	6	Weeds must be treated as seedlings. <b>Young pasture:</b> If these weeds are predominant, MCPB Herbicide is the preferred herbicide.
Combind, docks, nodding thistle, ragwort, water pepper, willow weed, wireweed.	8	Weeds must be treated as seedlings.

Registered pursuant to the ACVM Act 1997, No P00179.

See for registration conditions [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz)

Approved pursuant to HSNO Act 1996, EPA Approval Code HSR000361.

See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls.

**Registered to:**

**Dow AgroSciences (NZ) Ltd**

89 Paritutu Road, Private Bag 2017, New Plymouth 4342

[www.corteva.co.nz](http://www.corteva.co.nz)

**Telephone 0800 803 939**

®,™ Trademarks of Dow AgroSciences, DuPont or Pioneer and their affiliated companies or respective owners.

**EMERGENCY RESPONSE**

(All hours)

Ring from anywhere in New Zealand

**0800 844 455 or**

**Globally +64 6 751 2407**

**IN A TRANSPORT EMERGENCY**

**DIAL 111**

**FOR POLICE OR FIRE**

GMID: 99043022 08/19