

**HARMFUL - Keep out of reach of children
ECOTOXIC**



Banvine™

HERBICIDE

ACTIVE INGREDIENT: Contains 200 g/litre 2,4 D plus 100 g/litre dicamba both as amine salts in the form of a soluble concentrate.

Controls broadleaf weeds in turf and waste areas

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
Telephone 0800 803 939

HAZARD CLASSIFICATION

6.1E, 6.4A, 6.9A, 9.1A, 9.2A, 9.3B, 9.4C

APPROVED HANDLER

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

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

Home garden use does not require an approved handler.

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 200 mL of **BANVINE** 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

MAY BE HARMFUL IF SWALLOWED. Wash hands and exposed skin before meals and after work.

MAY CAUSE EYE IRRITATION. Avoid contact with eyes.

MAY CAUSE ORGAN DAMAGE FROM REPEATED ORAL EXPOSURE AT HIGH DOSES. **DO NOT** eat, drink or smoke while using. Remove protective clothing immediately after handling this product.

ECOTOXICITY

VERY TOXIC IN THE AQUATIC AND THE SOIL ENVIRONMENTS. **DO NOT** contaminate an aquatic environment with chemical or empty container. **DO NOT** spray over an aquatic environment. **DO NOT** allow drift outside the target area to occur.

HARMFUL TO TERRESTRIAL INVERTEBRATES. Store chemical and empty containers away from animals and birds.

SELECTIVE HERBICIDE - VERY TOXIC TO SOME PLANT SPECIES. Some plants may be damaged or killed from contact with this product. Decontaminate equipment before use on sensitive plants (see Application Methods section).

HANDLING PRECAUTIONS

EQUIPMENT

Commercial applicators must apply this product using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409). Home gardeners must ensure that spray equipment is in good working order and does not leak.

Flush equipment thoroughly with clean water after use and see cleaning spray equipment. **DO NOT** use equipment to apply other pesticides to susceptible crops and plants such as clovers, flowers, fruit trees, ornamentals, and vegetables. Dispose of cleaning water onto ground away from susceptible crops and plants.

STORAGE

Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from foodstuffs. Storage must be generally in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

Stores containing more than 100L of **BANVINE** require bunding and are subject to signage. See the Hazardous Substances Emergency Management and Identification Regulations and NZS8409 for further information.

PERSONAL PROTECTION

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

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 and bury in a suitably approved landfill. **DO NOT** burn empty containers. Dispose of this product only by using in accordance with the label or at an approved landfill.

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.

SPILLAGE

DO NOT touch or walk through spilled material. Wear personal protection as above. Stop leak if safe to do so. Dike area and prevent entry into waterways and drains. **Small spills/leaks:** Contain and absorb small spills with a proprietary absorbent suitable for chemical spills or an inert material such as sand, soil or sawdust. Collect spilled product and place into sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water. Absorb and collect washings and place in the same sealable container for disposal at an approved landfill. Seek advice from the SDS, product label or Corteva Agriscience regarding disposal. **Large spills/leaks:** Report large spills to Corteva Agriscience Emergency Services at 0800 844 455.

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.

TRANSPORT

DO NOT carry on a passenger service vehicle.

SAFETY DATA SHEET

A Safety Data Sheet for **BANVINE** is available from Corteva Agriscience on request. Call Customer Service Toll Free on 0800 803 939 or visit 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) or the Ministry for Primary Industries (MPI) (www.foodsafety.govt.nz).

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

ANIMAL SAFETY

Poisonous plants (e.g. ragwort) may become more palatable after spraying. If concerned that stock health may be affected, stock should be kept away from the treated area until plants have died down.

MIXING:

BANVINE mixes readily with water. Pour the measured quantity of **BANVINE** into a partly filled spray tank and add the remainder of the water. Agitate thoroughly while filling. No wetting agent is required.

Cleaning spray equipment:

Rinsing

- After using **BANVINE**, empty the spray unit completely and drain the whole system. Thoroughly wash inside the unit using a pressure hose. Drain the 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 through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.
- Discard rinse water on land already sprayed or on waste land away from desirable plants and water sources.

Decontamination

Before applying to sensitive crops with equipment that has been used to apply **BANVINE**:

- Quarter fill the tank and add a standard alkali based laundry detergent at 500g (or mL)/100 L of water and circulate throughout the system for at least 15 minutes. If using a concentrated laundry detergent use 250g (or mL)/100L 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.

Sensitive crops and plants include, but are not limited to: beans, berryfruit, clovers, flowers, fruit trees, grapevines, kiwifruit vines, lucerne, lupins, peas, ornamentals, potatoes, tomatoes and vegetables.

DIRECTIONS FOR USE:

TURF:

Knapsack:

Use 75-110 ml **BANVINE** in 10 litres water per 250 square metres.

Lawnboy:

Use 75-110 ml **BANVINE** per 10 litre tank as a double pass application.

Broadcast:

Use 3-4.5 litres/ha **BANVINE** in 200 litres/ha water as a medium-coarse spray as defined by the British Crop Protection Council or the American Society of Agricultural and Biological Engineers – S572. Apply in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

Note:

BANVINE may suppress or damage young fine turf. Apply only to turf at least 12 months old with actively growing weeds.

Mulch lawn clippings back onto the lawn for the three cuttings following treatment. **DO NOT** compost lawn clippings or send to a landfill that composts them until after the first three cuttings.

BINDWEEDS (CONVOLVULUS), CAPE IVY, SORREL, DOCKS:

Knapsack:

Use 12 ml **BANVINE** per 1 litre water.

Approved pursuant to HSNO Act 1996, EPA Approval Code HSR000368
See www.epa.govt.nz for approval controls.

This product is not required to be registered under the ACVM Act 1997.

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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