



**Dow AgroSciences**

# Vigilant™ II

**Ready-to-Use product for the treatment of  
freshly cut stems of weeds**

**Active ingredients: 43 g/kg picloram as the potassium salt and 4.3 g/kg  
aminopyralid as the triisopropylamine salt, in the form of a gel**

**READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING.**

**ECOTOXIC**

NET CONTENTS: 240g, 1.8 and 20 kg

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**HAZARD CLASSIFICATION**

6.5B, 6.9B, 9.2A

**APPROVED HANDLER**

This product must be under the personal control of an approved handler when 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 3kg is used within 24 hours.

Vigilant™ II must not be applied onto or into water.

**TOXICITY**

**HARMFUL:** MAY CAUSE SENSITISATION FROM PROLONGED SKIN CONTACT. Avoid contact with the skin. MAY CAUSE ORGAN DAMAGE FROM REPEATED ORAL EXPOSURE. 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:** SELECTIVE HERBICIDE - VERY TOXIC TO SOME PLANT SPECIES. Desirable plants may be damaged or killed from contact with this product. Susceptible plants include but are not limited to: all brassicas, beans, flowers, fruit trees, legumes, lupins, ornamentals, potatoes, shade trees, squash, sunflowers, tomatoes, vegetables or vine crops.

**HANDLING PRECAUTIONS**

**EQUIPMENT:** Apply using the applicator bottle or equipment suitable for spreading the gel evenly and avoiding contamination of applicator and surroundings.

Wash equipment thoroughly after use according to the Cleaning Equipment instructions below. Dispose of cleaning water according to the Disposal instructions below.

**STORAGE:** Store in original container tightly closed and in a locked, dry, cool (to maintain gel consistency), away from foodstuffs. Storage must be generally in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

Stores containing 100kg or more of this product require bunding and are subject to signage and those containing 1000kg or more require bunding. See the Hazardous Substances Emergency Management and Identification Regulations and NZS8409 for further information.

**PERSONAL PROTECTION:** When decanting or applying wear waterproof gloves and overalls buttoned to the wrist.

**SPILLAGE:** Exclude all bystanders, and prevent material from entering waterways. Wear appropriate protective clothing to clean up spills. Scrape up spilt material and place in waste containers. Wash area with water and detergent then absorb any remaining liquid with a proprietary absorbent suitable for chemical spills or inert material such as sand, soil or sawdust.

Dispose of waste safely in an approved landfill. Report large spills to Dow AgroSciences. Emergency Services at 0800 CHEMCALL (0800 243 622).

**DISPOSAL:** Triple rinse the empty container and dispose of rinse water in a waste area away from edible crops and plants (including roots) susceptible to picloram. 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 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. Dispose of this product only by using in accordance to the label or at an approved landfill.

Do not dispose of this product; 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. In case of skin or eye contact wash exposed skin or flush eyes with running water immediately. Remove contaminated clothing.

#### 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 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))

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

#### TRANSPORT

Do not carry more than 0.5 kg on a passenger service vehicle.

#### SAFETY DATA SHEET

A Material Safety Data Sheet for Vigilant II is available from Dow AgroSciences on request. Call Customer Service Toll Free on 0800 803 939 or visit <http://www.dowagrosciences.co.nz/>.

#### Cleaning the application equipment:

After using VIGILANT II, wipe the application equipment with a paper towel and discard. Follow up with by washing the equipment with detergent.

#### DIRECTIONS FOR USE:

#### PRECAUTIONS

- Do not use in the urban home garden.
- Application should be made in fine weather at any time of the year
- Do not use if rain is likely to fall within 12 hours of application.
- Do not use in pasture where treated plants may be grazed by animals.
- Do not use in turf or lawns
- Desirable plants may be severely damaged if this product is used in areas where their roots may intertwine with roots of target plants or where the chemical may be washed or moved to their roots.
- Picloram and aminopyralid can remain active in the soil for extended periods depending on rate of application, soil type (clay content), rainfall, temperature, humidity, soil moisture and soil organic matter.
- Following application of this product the localised regeneration or establishment of sensitive species may be adversely affected by soil residues.

**Woody weeds, trees and shrubs:** e.g. barberry, broom, buddleia, climbing spindleberry, cotoneaster, elaeagnus, elder, gorse, hawthorn, matagouri, pine, poplar, privet, sweet briar, tutu, wattle, willow, woolly nightshade, etc. Cut stems horizontally 20mm, & preferably no higher than 100mm, above ground level. Apply a 3-5mm thick layer of VIGILANT II over the cut surface remaining on the plant. Alternatively, for larger shrubs and trees with a trunk diameter greater than 150mm cut a series of blazes 15-20mm deep around main trunks of the tree using an axe or pruning saw. Blazes should be evenly spaced with a 20-40mm gap between blazes. Apply a 5mm layer of VIGILANT II over the lower cut surface of the blaze. In the case of multi-stem plants treat 80 percent of stems including all main stems.

**Scrambling Perennial weeds:** e.g. banana passionfruit, blue morning glory, greater bindweed, honeysuckle (Himalayan, Japanese), ivy, (Cape, English, German, etc), jasmine, old man's beard, vines, etc. Cut stems horizontally 20mm, & preferably no higher than 100mm, above ground level. Apply a 3-5mm thick layer of VIGILANT II over the cut surface remaining on the plant. To minimise risks to any desirable tree the weed may be climbing, care should be taken to avoid the gel contacting the desirable tree. Damage may also occur to desirable trees should the gel be washed in to the root zone, alternative control methods should be considered.

**Rhizomatous plants:** These include Kahili ginger & agapanthus. On agapanthus prune all shoots horizontally at the rhizome & apply a 3-5mm layer of VIGILANT II across the cut surface on the rhizome. On Kahili ginger prune & treat the same as agapanthus plus, if there are more than four rhizomes between shoots, drill a 10mm hole into every fourth rhizome from a shoot, 80 percent the depth of the rhizome, & fill the hole with VIGILANTII.

**Wandering jew:** Apply VIGILANT II at 16g per square metre over the foliage using a paint roller or similar making sure the foliage has been completely flattened during application.

**Broadleaf weeds in Pasture and Waste areas:** including capeweed, docks and woolly mullien. Apply a small dollop, approximately 20mm in diameter to the centre of each plant.

Approved pursuant to HSNO Act 1996, EPA Approval Code HSR100589  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls. This product is not required to be registered under the ACVM Act 1997.

<p><b>Registered to:</b> Dow AgroSciences (NZ) Ltd 89 Paritutu Road Private Bag 2017 New Plymouth 4342 Telephone 0800 803 939 <a href="http://www.dowagrosciences.co.nz">www.dowagrosciences.co.nz</a></p>	<p><b>EMERGENCY RESPONSE</b> (All hours) Ring from anywhere in New Zealand <b>0800 844 455</b> Or Globally <b>+64 6 751 2407</b></p>	<p><b>IN A TRANSPORT EMERGENCY</b> <b>DIAL 111</b> <b>FOR POLICE OR FIRE</b></p>
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Date of Manufacture:

Batch No.

Barcode