VIGILANT®

Vigilant® is a low toxicity herbicide gel which provides a simple non-spray alternative for selectively controlling invasive weeds without the risk of spray drift.

Vigilant® is applied directly to freshly cut/crushed stems or trunks of weed plants and is suitable for use in sensitive areas including native bush, conservation areas, farms, lifestyle blocks, gullies, parks and reserves.

Vigilant® is effective on a large range of woody, rhizomatous and vine weeds and is ideal for use by professional weed controllers, government and local government employees, land-care and volunteer groups.

Vigilant® is available in a handy 240 gram applicator bottle as well as 1.8 and 20 kilogram refill packs.*A free pump is supplied with every 20 kg and 4X1.8 kg packs.

Vigilant® is the Registered Trademark of The Horticulture and Food Research Institute of New Zealand.

HortResearch



www.macspred.com.au

VIGILANT®

HERBICIDE GEL

No Spray
No Mess
No Weeds
No Worries!

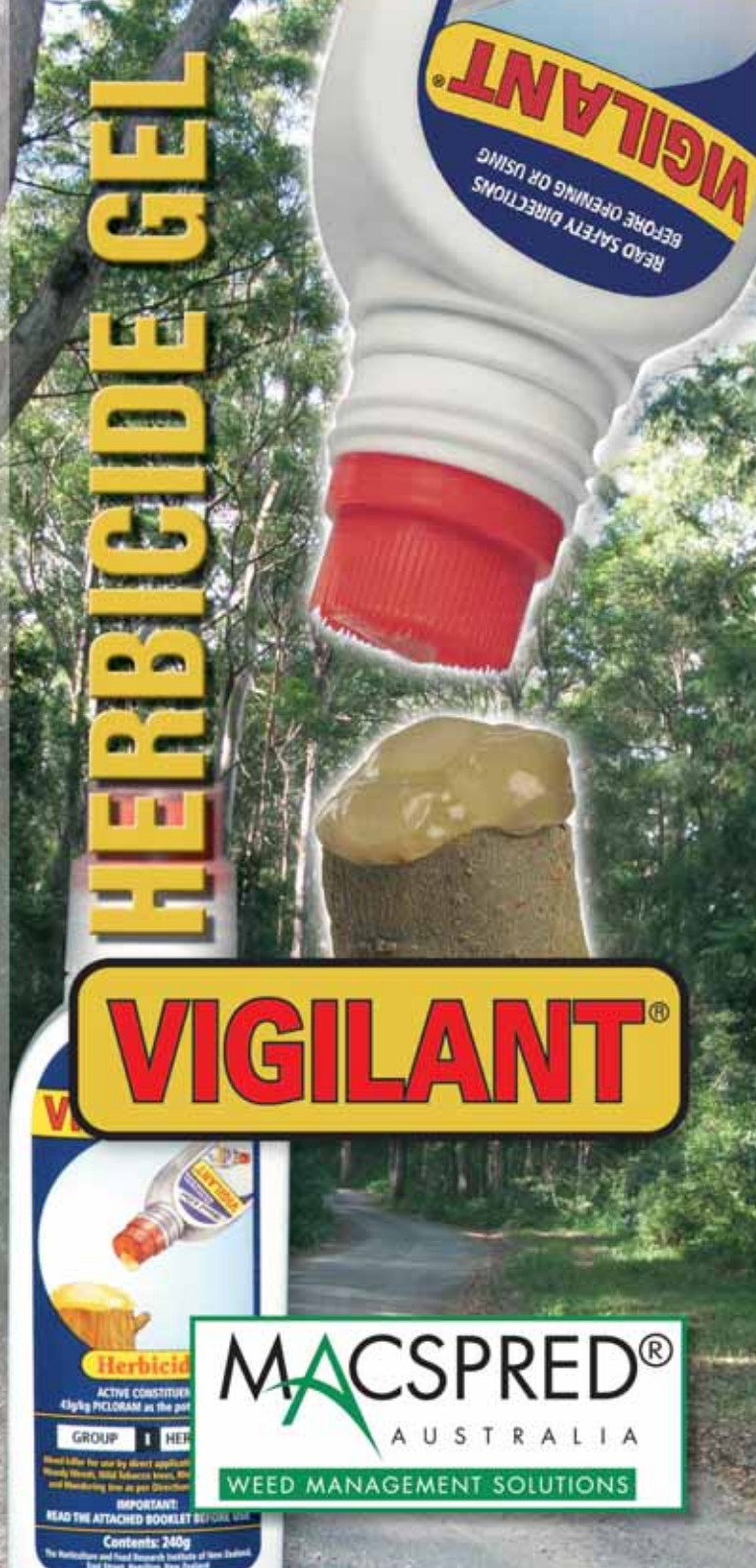
VIGILANT IS

- ✔ Easy to Apply
- ✔ Safe to the User
- ✔ Unique Gel Formation
- ✔ Ready to Use
- ✔ No Spray Drift
- ✔ No Mixing Required

Available from:

MACSPRED® AUSTRALIA WEED MANAGEMENT SOLUTIONS

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VIGILANT® HERBICIDE GEL

Non-Spray Technology

Spraying with herbicides can be a risky activity, especially in ecologically sensitive areas. Problems can include chemical runoff, spray drift and residue build up in the soil. However, a practical solution is at hand - a low toxicity, herbicide gel has been developed that can be applied directly onto the cut stem of the weed without harming adjacent plants or pasture. Vigilant® is a unique, low toxicity, gel formulation herbicide containing 43grams/kilogram picloram as the potassium salt. Vigilant® is usually applied as a cut stump application however several other techniques have been successfully trialled.

Vigilant® is ideal for targeting individual weedy species or small areas where it is impractical to take plant and machinery.

Who can use Vigilant®?

Anyone who has a woody weed problem can use Vigilant®. It is ideal for small block owners who don't want the extra expense of purchasing specialised spraying equipment, or hiring a contractor for controlling small weed infestations.

Bush regeneration professionals, Council and Government employees use Vigilant® in sensitive areas to target individual plants and for general weed maintenance operations.

Great for volunteer groups, home gardeners or carrying in farm vehicles.

Advantages of Vigilant® herbicide gel

- Less herbicide needed (than for spraying)
- Lower concentration of active ingredient
- No measuring or mixing required
- No need for pumps and sprayers
- Easy application
- No spray drift
- Minimal risk to non-target plants.

How can Vigilant® be applied?

1. Cut stem application for woody weeds. Suitable for all woody weeds.

2. Cut stem and stem and drill application of rhizomatous plants. Suitable for Agapanthus, Kahili ginger and Canna lily, Arum lily and similar species.



3. Roller treatment. Suitable for wandering Jew.

4. Applications for standing trees and woody weeds. Stem Injection/Frilling/Drilling, blazing.



5mm=2 X $1 coins







Vigilant® Questions and Answers.

How many stems can one brush bottle of Vigilant treat?
As a guide, one 240 gram brush bottle can treat approximately 120 stems of 25 mm diameter.

How long does it take for the gel to be absorbed into the stem?
On fine warm days, the gel is absorbed into the treated plant over 2 to 4 hours.

At what time of the year should I use Vigilant?
Vigilant can be used year round, although the effectiveness may decrease slightly in colder months and cooler climates.

Is there any likelihood of plants close to a Vigilant-treated plant being affected by the product?
In our trials we have not seen any off-target effects from the use of Vigilant. However Vigilant is a very active herbicide registered specifically for use on a range of hard to kill weed species. Caution should be taken when using this product. Any contact with or contamination of other plant species, whether through spillage, soil contamination or roots touching, may cause damage to adjacent plants.

How soon after cutting the stem do I need to apply Vigilant?
Vigilant should be applied immediately to the cut stem - certainly no longer than 10 minutes after you've made the initial cut.

Can I use Vigilant when it is raining?
Vigilant is not totally rainfast, so application during wet weather is not recommended. For best results, apply Vigilant in fine weather when no rain has been forecast for a minimum of 12 hours after use.

Is Vigilant safe to use around my child/dog/ cat/ birds?
Casual contact with Vigilant by a child or animal is unlikely to cause injury, although some individuals may be more sensitive to chemicals than others, so all care must be taken.

Does Vigilant cause soil residues?
As Vigilant is applied directly to the cut stem, soil contamination is very low. Tests have shown nil or virtually no detectable residue levels remain in the soil following use.