

Vigilant™ II

HERBICIDE

Easy-to-use, effective control of your woody weeds

- ✓ MINIMAL RISK TO NON-TARGET PLANTS
- ✓ PUSE IN SENSITIVE AREAS
- ✓ PNO SPRAY DRIFT
- ✓ PLOW TOXICITY

DOW® **Dow AgroSciences**

Solutions for the Growing World



Ready-to-use, refillable pack.



Treat approximately 120 stems per bottle.



Use Vigilant II any time of year.

Vigilant™II – powerful weed control

The active ingredients in Vigilant II are 44.7 g/L picloram as the potassium salt and 4.47 g/L aminopyralid as triisopropanolamine salt in the form of a gel.

The powerful active ingredient aminopyralid delivers faster brownout and knockdown of target plants than rival products and a wider range of weeds controlled.

WHY USE VIGILANT II?

- ✓ Formulated as a gel, Vigilant II is ready to use straight out of the pack. No messy chemicals and limited user exposure.
- ✓ The 240 mL applicator brush bottle is re-usable and can be refilled from a bulk pack.
- ✓ The brush bottle of Vigilant II can treat approximately 120 stems. (Average stem of 25 mm diameter applied as a 5 mm dollop of gel).
- ✓ Vigilant II can be used year round, although effectiveness may decrease slightly in colder months and cooler climates.



Step 1: Cut stems horizontally.

Cut Stump application

Now it's even easier to fight woody weeds

How to apply Vigilant II to woody weeds:

STEP 1. Cut stems horizontally 20 mm and preferably no higher than 100 mm above ground level.

STEP 2. Squeeze Vigilant II brush bottle to apply a 3–5 mm thick layer of gel over the cut stem surface remaining on the plant.

STEP 3. Repeat on other weeds until gel in bottle is finished.

See important notes on next page.



Steps 2 and 3: Apply Vigilant II over each cut stem.

Notes on Cut Stump application



• On stems greater than 20 mm in diameter apply at least a 5 mm thick layer on the cut stem surface remaining on the plant.



• On multi-stemmed plants, treat the main stems as well as all the other minor stems for the same plant.



• A 5 mm thickness is the equivalent of two $1 or $2 coins.



• Vigilant Ⅱ should be applied immediately to the cut stem - certainly no longer than one minute after you've made the initial cut. If treating old stumps, recut and then apply.





Step 1. Cut a series of blazes with an axe or pruning saw.

Scrape and Paint technique

NOW IT'S EVEN EASIER TO FIGHT DECLARED NOXIOUS PLANTS AND OTHER WEEDS

How to apply Vigilant II to declared noxious trees:

STEP 1. Cut a series of blazes 15–20 mm deep around the main trunks of the tree with an axe or pruning saw; make the blazes evenly spaced with no more than a 20–40 mm gap between each blaze.

STEP 2. Squeeze Vigilant II brush bottle to apply 5 mm thick layer over the lower cut surface of each blaze.



Step 2. Apply Vigilant II to each blaze.



Step 1. Prune shoots, then drill holes.



Step 2. Apply Vigilant II to cut surface and fill drill hole.

Drill and Fill technique

NOW IT'S EVEN EASIER TO FIGHT RHIZOMATOUS PLANTS AND OTHER WEEDS

How to apply Vigilant II to problem rhizomatous plants:

STEP 1. On rhizomatous plants prune the shoots horizontally and if more than four rhizomes per shoot drill a 10 mm hole in every fourth rhizome to a depth of 80% of the rhizome.

STEP 2. Squeeze Vigilant II brush bottle to apply 3–5 mm thick layer across the cut surface or fill the drill hole with Vigilant II.





Leaf Wiping technique

NOW IT'S EVEN EASIER TO FIGHT HERBACEOUS WEEDS

How to apply Vigilant II to herbaceous weeds:

STEP 1. Apply Vigilant II to at least 50% of the leaves of the rosette plant by wiping the applicator along the middle of each leaf.



Apply Vigilant II to at least 50% of the leaves.

WHY USE VIGILANT Ⅱ?

- ✓ No spray drift
- ✓ Low toxicity
- ✓ Minimum risk to the environment
- ✓ Suits native vegetation restoration work

Minimal risk to non-target plants

USE IN SENSITIVE AREAS

Vigilant Ⅱ is a highly active herbicide and care should be taken to ensure no contact with other non-target species either directly or through spillage or soil contamination. Desirable plants may be severely damaged if Vigilant Ⅱ 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.

Follow all label instructions and never exceed label rates.





Make sure you know what plant you are treating.

Tips for applying Vigilant™ II

• The first step, when treating any woody weed, is plant identification. Make sure you know what plant you are treating, and the most effective method of control.

• When treating mature vines, the Scrape and Paint method would be the most appropriate. However, the vine can also be cut off at the base to apply Vigilant II to the stump.

• When using the Cut Stump method of application, ensure that Vigilant II is applied immediately to the cut stem surface of the plant.

• When treating old stumps, re-cut the remnants of the stem, and apply Vigilant II immediately to the cut stem surface of the plant.

• On stems greater than 20 mm in diameter, apply a 5 mm thick layer of Vigilant to the cut stem surface of the plant. Make sure you know what plant you are treating.

Visit **www.woodyweed specialists.com.au** and watch the Vigilant II Application video.



Weeds where Vigilant™ II has good activity

African boxthorn
African olive
Balloon vine
Bitou/Boneseed
Blackberry
Broadleaf pepper
Camphor laurel
Canna lily
Cape broom
Cape ivy
Castor oil plant
Cats claw creeper
Cherry guava
Chinese celtis
Chinese tallow
Cockspur
Coral tree
Cotoneaster
Gorse
Green cestrum
Groundsel bush
Honey locust
Japanese sunflower
Lantana
Ludwigia
Madeira vine
Mesquite
Miconia
Morning glory
Moth vine
Murraya
Mysore thorn
Ochna
Oleander
Parkinsonia



Green cestrum



Wild tobacco tree



Privet



Sweet briar

Prickly acacia
Privet
Rhus tree
Scotch/English broom
Senna
Siam weed
Sweet briar
Sweet pittosporum
Tiger lily
Tree of heaven
Umbrella tree
Wandering jew (trad)
Wild tobacco tree

REFERENCES

[1] Noxious and environmental weed control handbook – A guide to weed control in non crop, aquatic and bushland situations. Rod Ensbey, NSW Industry and Investment.

[2] An investigation of application techniques for the control of various noxious and environmental weeds with picloram gel based herbicides. Geoffrey G Keech, Product Specialist, Macspred Australia.



Castor oil plant



Broadleaf pepper tree



Madeira vine

DO'S AND DON'TS

Do's

✓ Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.

✓ After use wash hands thoroughly before handling susceptible crops.





Don'ts

✗ Do not use if rain is likely to fall within 12 hours of application.

✗ Do not burn empty containers.

✗ Do not compost treated plants.

✗ Do not contaminate ponds, waterways or drains with the chemical or used containers.

Always read the label and follow instructions.



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Confidence in a drum

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