



# The Ultimate BARRICADE® against weeds on your home lawn!



BARRICADE® Pre-Emergent Herbicide HG controls a wide range of weeds at germination point and importantly breaks the germination cycle of Poa annua. You can trust BARRICADE® Pre-Emergent Herbicide HG to last for up to 6 months so your application window is more flexible. BARRICADE® binds high in the soil profile ensuring turf roots below the barrier are not affected and your lawn stays in prime condition.

## What BARRICADE® Pre-Emergent Herbicide HG offers you:

- Up to six months control with a single application per season
- An economical solution for many weeds including African Lovegrass, Parramatta Grass, Summer Grass, Crab Grass, Crowsfoot Grass and Winter Grass
- Flexible application window – well before weeds germinate
- Low odour and non-staining formulation
- Available in a convenient 250 mL pack

## BARRICADE® Pre-Emergent Herbicide HG: How it works

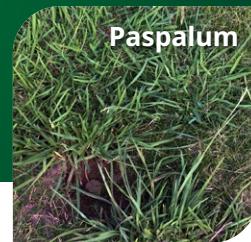
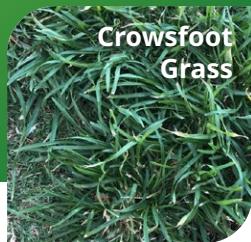
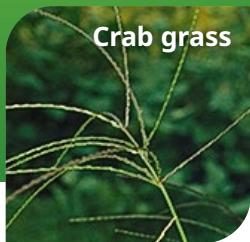
As a pre-emergent herbicide application, the delivery of BARRICADE® close to the soil surface will ensure optimum results. BARRICADE® should be applied prior to weeds germinating and lightly watered in within 24 hours.

After application and irrigation, BARRICADE® locks onto the top 1-2 cm of the soil providing a barrier that controls germinating weeds for up to 6 months.

BARRICADE®'s re-entry period is once dry on the leaf or washed in. Please keep in mind renovations post application may break up barrier set at the top of soil, in which BARRICADE® would need to be reapplied after recovery.



# For the preventative control of weeds before weed germination in established lawns & turf, garden beds and potted plants.



Situation	Weeds	Rate	Comments
<b>Established lawns and turf grass including:</b> <ul style="list-style-type: none"> <li>• Buffalo Grass</li> <li>• Carpet Grass</li> <li>• Couch (Common, Hybrid)</li> <li>• Qld Blue Couch</li> <li>• Kikuyu</li> <li>• Seashore Paspalum</li> <li>• Zoysia</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Barnyard Grass</b></li> <li>• <b>Crab Grass</b></li> <li>• <b>Parramatta Grass</b></li> <li>• <b>Rat's Tail Fescue</b></li> <li>• <b>Summer Grass</b></li> <li>• <b>Crowsfoot Grass</b></li> <li>• <b>African Lovegrass</b></li> <li>• <b>Bahia Grass</b></li> <li>• <b>Kentucky Blue Grass</b></li> <li>• <b>Paspalum</b></li> <li>• <b>Winter Grass</b></li> </ul>	<b>Garden Sprayer</b> Use 30 mL per 10 L water and spray over 100 m <sup>2</sup>  <b>Watering Can</b> Mix 3 mL in 9 L of water and evenly apply over 10 m <sup>2</sup>	<b>For all weeds (except Winter Grass)</b> Apply prior to weed emergence. For best results apply in early spring for preventative control of up to 6 months.  <b>For Winter Grass</b> Apply in late summer to early autumn prior to weed emergence for preventative control of up to 6 months.  <b>For all grasses lightly water in, within 24 hours of application.</b>
<b>Garden beds (under mulch) and potted plants</b>	<ul style="list-style-type: none"> <li>• <b>African Lovegrass</b></li> <li>• <b>Barnyard Grass</b></li> <li>• <b>Chickweed</b></li> <li>• <b>Crab Grass</b></li> <li>• <b>Crowsfoot Grass</b></li> <li>• <b>Creeping Oxalis</b></li> <li>• <b>Cudweed</b></li> <li>• <b>Paspalum</b></li> <li>• <b>Prairie Grass</b></li> <li>• <b>Rat's Tail Fescue</b></li> <li>• <b>Ryegrass</b></li> <li>• <b>Sow Thistle</b></li> <li>• <b>Summer Grass</b></li> <li>• <b>Willowherb</b></li> <li>• <b>Winter Grass</b></li> </ul>	<b>Garden Sprayer</b> Use 40 to 80 mL per 10 L water and spray over 100 m <sup>2</sup>  <b>Watering Can</b> Mix 4 to 8 mL in 9 L of water and evenly apply over 10 m <sup>2</sup>	Apply prior to weed emergence for residual control of up to 4 months in potted plants and up to 6 months in garden beds under mulch. Use higher rates in situations of high weed pressure.  Apply the product to garden beds and wash in before applying mulch so that the herbicide reaches the soil.  Water immediately after application with a minimum of 3mm rain or irrigation.

Refer to the registered label for full details and instructions for use.

To get the best from any application of product to your lawn whether it is chemical or other, it is important to calibrate your sprayer to know how much water you are applying. **Follow this step-by-step guide for calibration.**

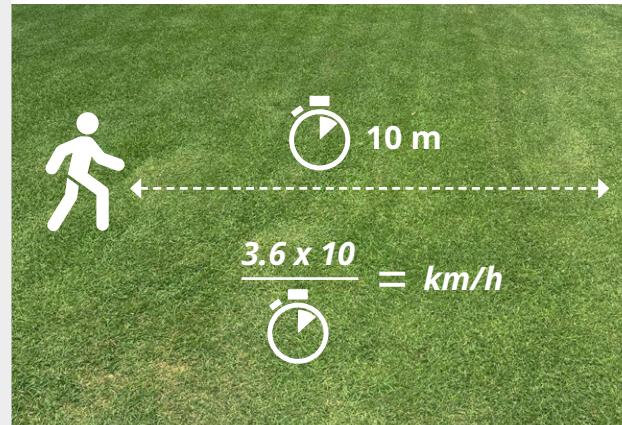
## STEP 1

### Calculate your walking speed

- ✓ Measure out a 10 m strip.
- ✓ At your normal walking speed, time how long it takes in seconds to walk the 10m.
- ✓ Repeat back in the opposite direction and take the average.
- ✓ Use the formula to calculate your walking speed (3.6 x 10 divided by time in seconds).

**Example:**

$3.6 \times 10 = 36$  divided by 9 seconds (average) = 4 km/h.



## STEP 2

### Calculate spray application rate

- ✓ Fill your sprayer with water and pressurize.
- ✓ Using a measuring container, spray water into it for 1 minute and measure how much in litres (output).
- ✓ On a hard surface such as concrete, spray water onto it at your normal spray height. Measure the width of the spray in metres.
- ✓ Using your output and width, use the formula to calculate application rate:

**$600 \times \text{sprayer output (L/min)}$**

*Sward width x walking speed (km/h)*

**Example:** The sprayer output for 1 minute recorded 2 L of water for 1 nozzle and on concrete it measured 1 m wide.

$$\frac{600 \times 2}{1 \times 4} = \frac{1200}{4} = 300 \text{ L/ha}$$



Follow label directions for recommended water rates. If it needs to increase, then look at changing nozzles to a higher output, increasing pressure and slowing walking speed.



## Application Timing

Timing of applications can be carried out well in advance of weeds germinating and still deliver season long control.

**Example:** Spring applications for the control of summer grassy weeds like Digitaria (Summer Grass and Crab Grass) and Eleusine (Crowsfoot Grass) should ideally be applied around the end of August. Control will last up to the end of February. Autumn applications for the control of Poa (Winter Grass) should ideally be applied around the end of February. Control will last up to the end of August.



For more information, scan the QR code, visit [syngentaturf.com.au](http://syngentaturf.com.au) or speak with your local Syngenta Territory Sales Manager.



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