

The premier pre-emergence herbicide for the ornamental market is Barricade® herbicide. It delivers low-rate, season-long efficacy against more than 30 of the most troublesome weeds, including crabgrass, chickweed, and spurge. Plus it does this with a non-staining, easy-to-use formulation that offers the maximum convenience for you and your workers.

● **Controls more than 30 grassy and broadleaf weeds**

Barricade controls a broad range of weeds that affect ornamentals. Crabgrass, spurge, chickweed, oxalis, goosegrass, *Poa annua*, and more than two dozen other weeds are controlled when Barricade is applied before weeds emerge.

● **Longest-lasting, for season-long control**

As the longest-lasting pre-emergence weed control available for use in nurseries, Barricade offers the season-long control you need. One application takes you through to the end of the season, giving you and your workers more time for everything else on your busy schedule.

Barricade 4FL Rate (ozs/A)	Barricade 65WG Rate (lbs/A)	Length of Crabgrass Control*
10	0.50	~3.5
16	0.75	~4.5
21	1.00	~5.5
24	1.15	~6.5
26	1.25	~7.5
31	1.50	~8.5

0 2 4 6 8
Months

*Length of control varies by region. This table is an average for planning purposes.

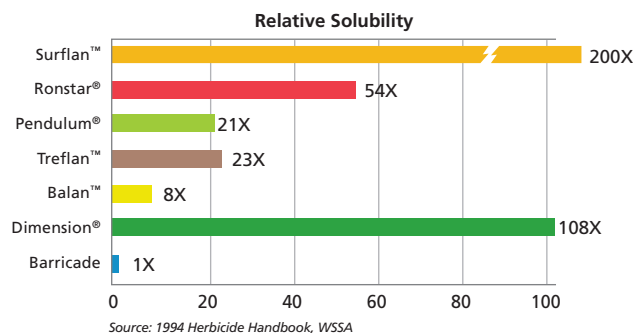
● **Mode of action**

Barricade controls susceptible weeds by preventing growth and development of newly germinated weeds. Weed control is most effective when Barricade is activated by at least 0.5 inch of rainfall or irrigation or shallow incorporation (1–2 inches) before weed seeds germinate and within 14 days following application.

● **Low solubility and non-staining**

Its low water solubility and volatility keep Barricade from moving, even on slopes and hillsides. It stays in the top 0.5 inch of the soil, minimizing its effect on the roots of nearby plantings and trees. Additionally, Barricade does not stain, so there is no concern about shoes, containers, pavement, or gravel becoming discolored.

The longest-lasting pre-emergence weed control.



● **Easy to tank mix**

Barricade may be tank mixed with other registered herbicides listed on the label to provide a broader spectrum of weed control or to control emerged weeds. Princep® Liquid, Pennant MAGNUM®, and Touchdown PRO® are among the products that are ideal tank-mix partners for Barricade.

● **Applying Barricade**

- May be applied to newly transplanted and established ornamentals as broadcast or over-the-top spray.
- Will not control emerged weeds.
- Is most effective when the product is activated in the soil before weed seeds germinate and within 14 days after application.
- Is activated when the treated area receives shallow (1–2 inches) mechanical incorporation or at least 0.5 inch of irrigation or rainfall.

● Application sites and instructions

Site	Application Instructions
Newly transplanted container or field nursery stock	<ol style="list-style-type: none"> 1. Delay application until soil has settled around transplants. 2. Water transplants thoroughly before application. 3. Apply after cuttings form roots and are established. 4. To avoid inhibition of the tissue union, apply before budding/grafting or after buds/grafts have taken.
Established container, field nursery stock, or landscape plants	Apply at any time as a broadcast, over-the-top, or directed spray.
Landscape (or ornamental) plantings	<ol style="list-style-type: none"> 1. Apply as a broadcast, over-the-top, or as a directed spray. 2. Delay application to newly transplanted ornamentals until soil has settled around transplants.
Bare ground application for container placement	<ol style="list-style-type: none"> 1. Apply to soil (including mulch, gravel, wood chips, or other permeable base) upon which containerized ornamentals are placed. 2. After Barricade is applied, perform shallow cultivation or hand weeding only, to avoid disturbing the herbicide barrier.
In shadehouses and uncovered polyhouses	After Barricade is applied, uncovered polyhouses must remain open for at least 7 days and ornamentals must receive 2 irrigations totaling at least 0.5 inch of water before covering.
Ornamental bulbs and perennial wildflower plantings	<ol style="list-style-type: none"> 1. Barricade 4FL may be applied to bulbs or perennial wildflower species listed in the section. Apply before or after bulbs emerge but before bulbs bloom and weeds emerge. 2. In wildflowers, a post-emergence herbicide labeled for wildflowers may be needed to control weeds that have already emerged.

Premier herbicide for nurseries

- Long-lasting pre-emergent against 30+ weeds including crabgrass, chickweed, and spurge
- Low-rate, season-long control
- Non-staining formulation
- Low solubility and volatility

● Low use rates for Barricade formulations

Barricade 65WG

Amount to Apply (Broadcast)*	When to Apply	Comments/Instructions
1.0–2.3 lbs/A or 0.37–0.83 oz/ 1,000 ft ²	In fall or spring before weeds germinate or after weeds are removed.	<ol style="list-style-type: none"> 1. Use the higher rate for longer control. 2. Barricade 65WG may be applied more than once per year as long as the total amount of product applied does not exceed 2.3 lbs/A per year.

Barricade 4FL

Amount to Apply (Broadcast)*	When to Apply	Comments/Instructions
21–48 oz/A or 0.5–1.1 oz/ 1,000 ft ²	In fall or spring before weeds germinate or after weeds are removed.	<ol style="list-style-type: none"> 1. Use the higher rate for longer control. 2. Barricade 4FL may be applied more than once per year as long as the total amount of product applied does not exceed 48 oz/A per year.

*For band applications, see label.

Two formulations for added convenience

Barricade 4FL

- 30-gallon bulk container
- 4 X 1-gallon

Barricade 65WG

- 5 X 10-lb boxes/water dispersible granules in a 10-lb loosepack
- 3-lb jug



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