

BROAD-SPECTRUM WEED CONTROL

Weed management in ornamental nurseries is essential for maximizing plant production. Weeds compete with ornamental plants for valuable resources and nutrients, and can also indirectly affect plants by acting as hosts for diseases and insects.

Barricade®, Pennant Magnum®, Fusilade® II and Princep® Liquid herbicides offer growers long-lasting control of many weeds to help keep operations clean. Cultural practices, such as hand weeding and cultivation, are recommended in addition to chemical controls for a successful weed management program.

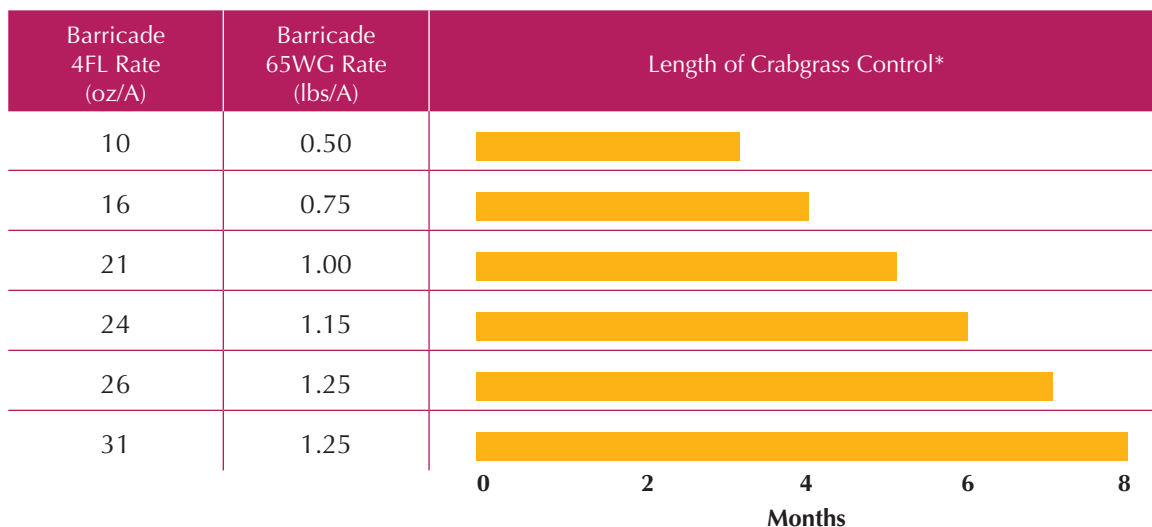


Long-lasting pre-emergent herbicide

Barricade delivers season-long control of grassy and broadleaf weeds. It prevents growth and development of newly germinated weeds at low use rates. Crabgrass, spurge, chickweed, oxalis, goosegrass and more than two dozen other weeds are controlled when Barricade is applied before weeds emerge.

Key features

- Low water solubility keeps the herbicide from moving. It stays in the top 0.5 inch of the soil, minimizing its effect on the roots of nearby plants and trees.
- May be applied to newly transplanted and established ornamentals as a broadcast spray over the top of plants grown in beds or containers.
- Low odor, non-staining formulation eliminates equipment and plant clean-up.
- Excellent tank-mix partner with Princep Liquid and Pennant Magnum for broader spectrum control.



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

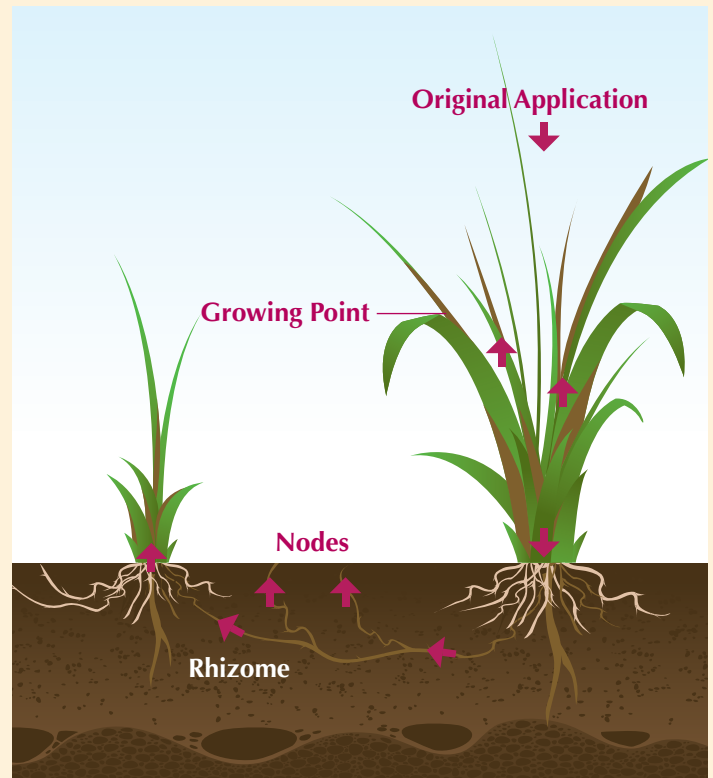


Fast, effective grass herbicide

Fusilade II is a selective, post-emergent herbicide that controls a long list of perennial and annual grass weeds. Extremely fast and effective, Fusilade II can be applied over the top or as a directed spray. It moves quickly to the meristematic tissue, or growing points of grass plants, after treatment. Within a week there is loss of vigor, followed by yellowing and/or reddening, and the eventual death of the weeds.

Key features

- Selective grass control that is rainfast one hour after application.
- Translocates to the meristematic regions of shoots, roots, rhizomes, stolons and growing points of treated grass weeds.
- Growth of treated grass stops soon after application.
- Eliminates time and expense associated with hand weeding when it is applied over-the-top in landscaped areas. It can also be applied as a directed spray to minimize potential phytotoxicity.



Selective weed control for woody plants

Princep Liquid is a pre-emergent herbicide that controls a wide variety of annual broadleaf and grass weeds in outdoor nurseries, field production and landscape plantings. Its liquid formulation allows it to be quickly and efficiently mixed.

Key features

- Enters through the root to inhibit growth of a wide variety of weeds, including crabgrass, pigweeds, chickweed and groundsel.
- Easily handled and mixed with Pennant Magnum to control additional weeds.
- Works effectively to protect ornamentals in multiple use sites.
- Unique mode of action for herbicide resistance management.



Pre-emergent weed control

Pennant Magnum provides selective pre-emergent control of grass, dicot weeds and yellow nutsedge. It is not a seedling root growth inhibitor herbicide, so it is safe on shallow-rooted ornamental plants and newly planted liners.

Key features

- Over-the-top applications can be made to many woody and perennial crops.
- Controls yellow nutsedge.
- Non-root pruning, pre-emergent weed control.
- Non-straining, compatible tank-mix partner with Barricade and many other herbicides.

For more information about the Syngenta herbicide portfolio, please visit www.GreenCastOnline.com/Ornamentals.

