



Alion® Herbicide

Group 29 Herbicide

Alion® herbicide is the foundational herbicide for permanent crops offering unequaled residual, pre-emergent control of grasses and broadleaf weeds. Its unique mode of action features a cellulose-biosynthesis inhibitor (CBI) to effectively manage weed resistance. With Alion, producers will benefit from clean orchards and groves and improved water and nutrient uptake, increasing crop yield potential and helping to maximize grower profitability.

/// BENEFITS

- **Simplify Your Weed Control Program**
One herbicide choice as the foundation for effective residual control of problematic grasses and broadleaf weeds.
- **A More Sustainable Weed Control Solution**
Unique chemistry provides an effective tool to manage weed resistance and also fits well with other chemistries.
- **Saves Time and Resources**
Season-long weed control program that goes the distance reducing re-treatments.
- **Protects Your Investment**
Proven weed control and crop tolerance.

/// MANAGING WEED RESISTANCE

Key weeds present in orchards and vineyards have been found to be resistant to commonly used herbicides. A best practice to slow down weed resistance to herbicides includes using multiple effective modes of action in your pre- and post-emergent herbicide sprays.

There is no known resistance to Alion®. Pair Alion as a foundational herbicide with a contact treatment that provides a second mode of action. The effective long-lasting weed control extends across a broad spectrum of broadleaf weeds and grasses, including resistant species.

/// SUCCESS WITH ALION®

- **Start and Stay Clean**
Improve control of already emerged weeds by partnering a post-emerge herbicide with Alion®.
- **Application**
Select the optimal Alion rate based on soil type and crop.
- **Timing**
Apply during the dormant season prior to weed emergence.

/// LONG-LASTING CONTROL

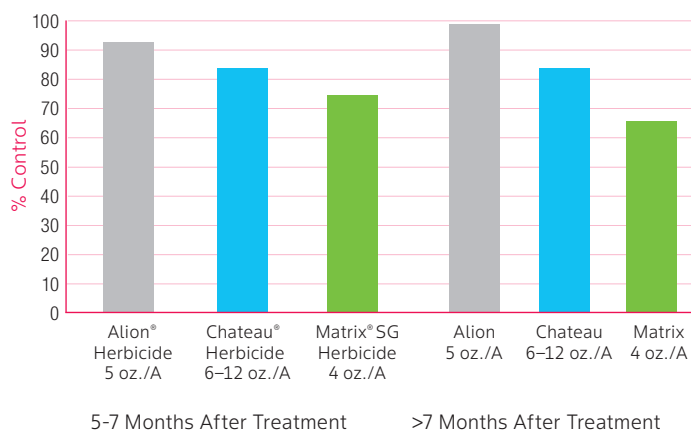
Alion® provides control for up to six months on tough grasses and broadleaf weeds, including varieties resistant to commonly used herbicides. This allows growers to focus more on profitability and less on weed control.

In more than 4,000 trials over 14 years, Alion has demonstrated long lasting control of grasses and broadleaf weeds than the leading competitors.



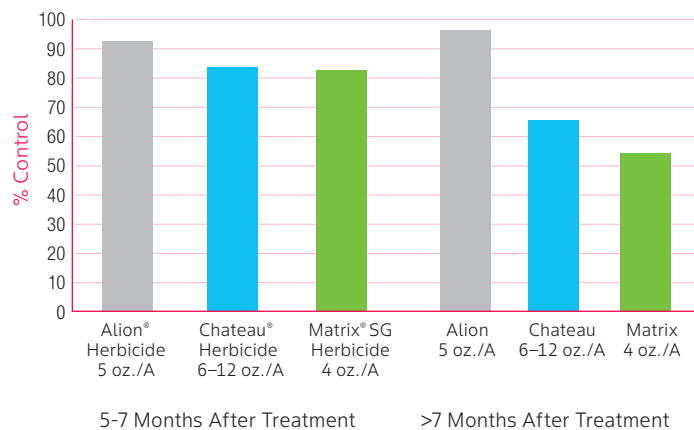
Registered Crops		Key Pests	
• Tree Nuts • Grapes • Citrus • Stone Fruit • Pome Fruit • Olives • Hops	• Coffee • Bushberries (including highbush blueberries) • Caneberries (including raspberries and blackberries) • Grass Grown for Seed	• Filaree, Redstem • Goosegrass • Hairy Fleabane • Italian Ryegrass • Jungle Rice	• Marestail (horseweed) • Pigweed

Broadleaf Weeds



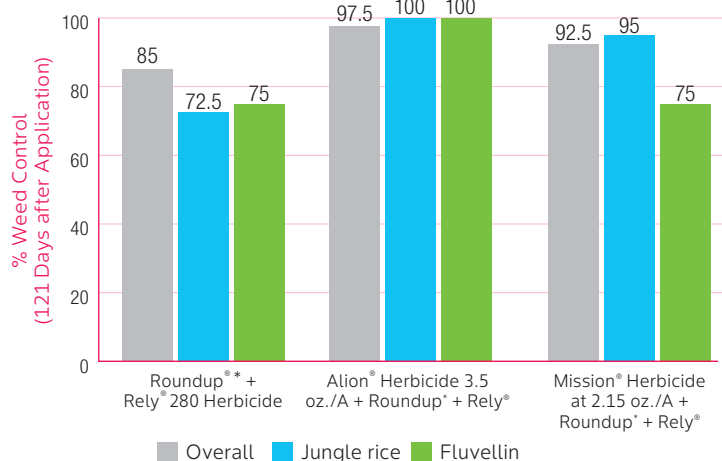
Over three years and 49 trials by Bayer CropScience, Alion demonstrates longer control of grass and broadleaf weeds than leading competitors.

Grass Weeds



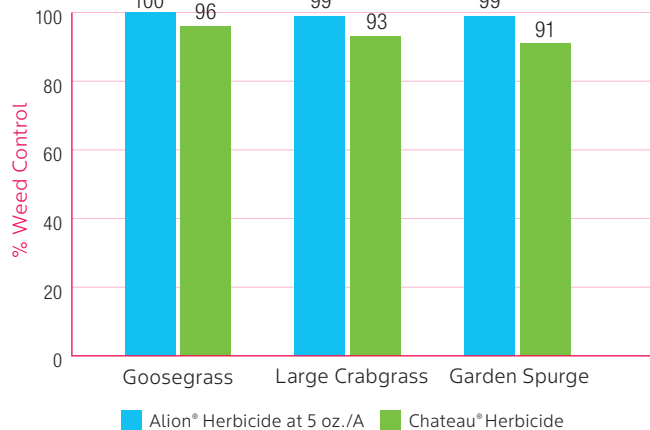
Over three years and 49 trials by Bayer CropScience, Alion demonstrates longer control of grass and broadleaf weeds than leading competitors.

Weed Control in Tree Nuts



Trial replicated at two locations in California tree nuts. Source: Brad Hanson, UC, Davis, 2017.
*Trials used both Roundup PowerMAX® and Roundup WeatherMAX®

Weed Control in Highbush Blueberries



Control of selected broadleaf weeds and grasses with Alion 200SC at 98 DAA.
Source: M. Edenfield, Haines City, FL, 2014.

IMPORTANT: This bulletin is not intended to provide adequate information for use of these products. Read the label before using these products. Observe all label directions and precautions while using these products.

For more information, visit www.CropScience.Bayer.us.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Technology® includes glyphosate-based herbicide technologies. Performance may vary, from location to location and from year to year, as local growing, soil and environmental conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on their growing environment. The recommendations in this material are based upon trial observations and feedback received from a limited number of growers and growing environments. These recommendations should be considered as one reference point and should not be substituted for the professional opinion of agronomists, entomologists or other relevant experts evaluating specific conditions. Alion®, Bayer, Bayer Cross, Roundup PowerMAX®, Roundup Technology® and Roundup WeatherMAX® are registered trademarks of Bayer Group. All other trademarks are the property of their respective owners. For additional product information call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at www.BayerCropScience.us. Bayer CropScience LLC, 800 North Lindbergh Boulevard, St. Louis, MO 63167. ©2026 Bayer Group. All rights reserved.

