



# Alion®

# Alion® Herbicide

## Group 29 Herbicide

### /// INTRODUCTION TO ALION® HERBICIDE

Alion® is the foundational herbicide for permanent crops offering unequalled 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® HERBICIDE

- **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.

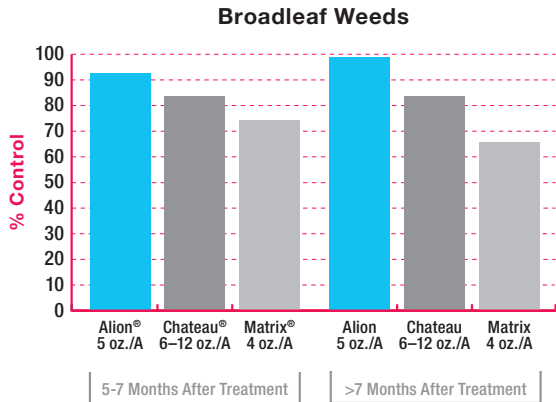
### /// LONG-LASTING CONTROL

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.

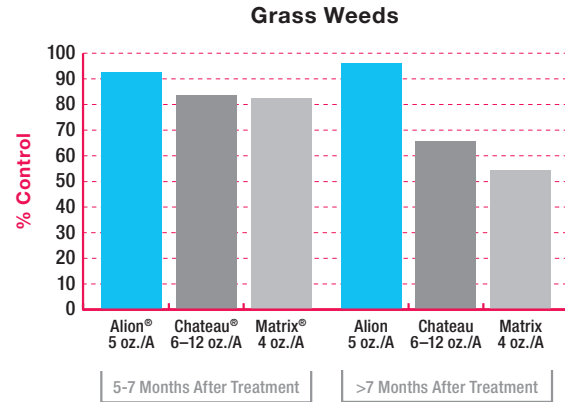
In more than 4,000 trials over 14 years, Alion has demonstrated longer-lasting control of grasses and broadleaf weeds than the leading competitors.

### Registered Crops

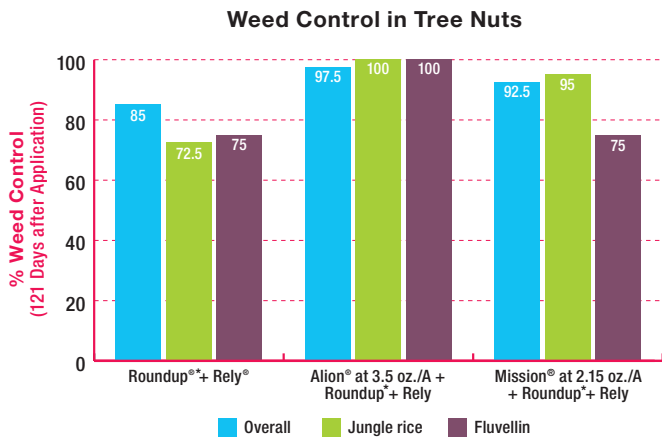
- |  |                         |
|--|-------------------------|
| • Tree nuts  | • Filaree, redstem      |
| • Grapes   | • Goosegrass            |
| • Citrus   | • Hairy fleabane        |
| • Stone fruit  | • Italian ryegrass      |
| • Pome fruit   | • Jungle rice           |
| • Bushberries (including highbush blueberries)         | • Marestail (horseweed) |
| • Caneberries (including raspberries and blackberries) | • Pigweed               |
| • Olives   |                         |
| • Hops   |                         |
| • Coffee   |                         |



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

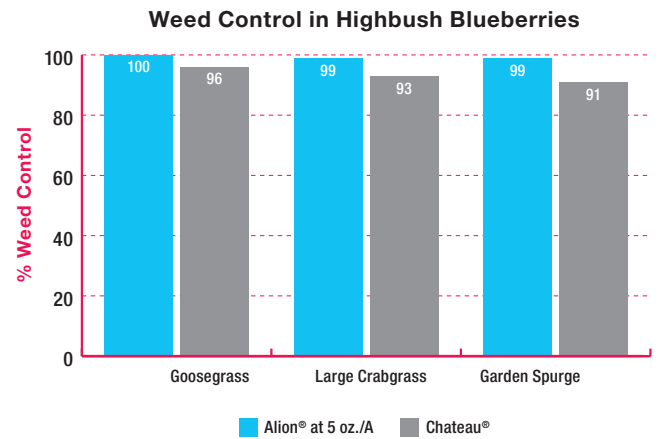


Over three years and 49 trials by Bayer CropScience, Alion demonstrates longer control of grass and broadleaf weeds than leading competitors.



Trial replicated at two locations in California tree nuts.  
Source: Brad Hanson, UC, Davis, 2017.

\*Trials used both Roundup PowerMAX® and Roundup WeatherMAX®



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](http://www.CropScience.Bayer.us).

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Alion®, Bayer, Bayer Cross and Roundup® are registered trademarks of Bayer Group. Not all products are registered for use in all states. Mission is a registered trademark of Ishihara Sangyo Kaisha, Ltd. Chateau is a registered trademark of Valent U.S.A. Corporation. Rely is a registered trademark of BASF. Matrix is a registered trademark of E. I. du Pont de Nemours and Company or its affiliates. For additional product information, call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at [www.CropScience.Bayer.us](http://www.CropScience.Bayer.us). Bayer CropScience LP, 800 North Lindbergh Boulevard, St. Louis, MO 63167. 1T9Q209960

