

 **PLUS**

ELIGIBLE

**Alion**<sup>®</sup>

# Alion<sup>®</sup> Herbicide

## Group 29 Herbicide

Alion<sup>®</sup> 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<sup>®</sup> Herbicide. 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<sup>®</sup> HERBICIDE

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

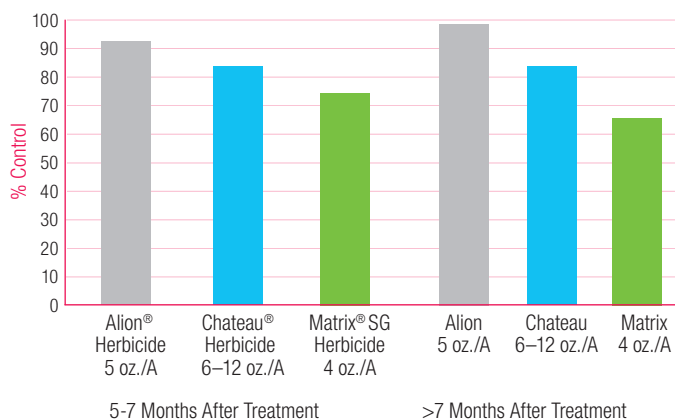
### /// LONG-LASTING CONTROL

Alion<sup>®</sup> herbicide 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.

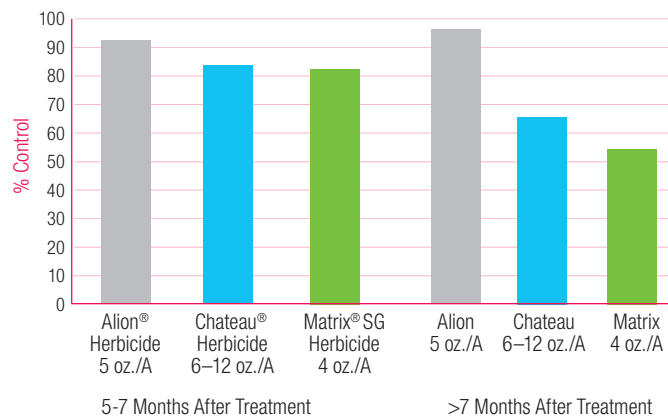
Registered Crops	Key Pests
<ul style="list-style-type: none"> <li>• Tree Nuts</li> <li>• Grapes</li> <li>• Citrus</li> <li>• Stone Fruit</li> <li>• Pome Fruit</li> <li>• Olives</li> <li>• Hops</li> </ul>	<ul style="list-style-type: none"> <li>• Coffee</li> <li>• Bushberries (including highbush blueberries)</li> <li>• Caneberries (including raspberries and blackberries)</li> </ul>
	<ul style="list-style-type: none"> <li>• Filaree, Redstem</li> <li>• Goosegrass</li> <li>• Hairy Fleabane</li> <li>• Italian Ryegrass</li> <li>• Jungle Rice</li> </ul>
	<ul style="list-style-type: none"> <li>• Marestail (horseweed)</li> <li>• Grass Grown for Seed</li> <li>• Pigweed</li> </ul>

### Broadleaf Weeds



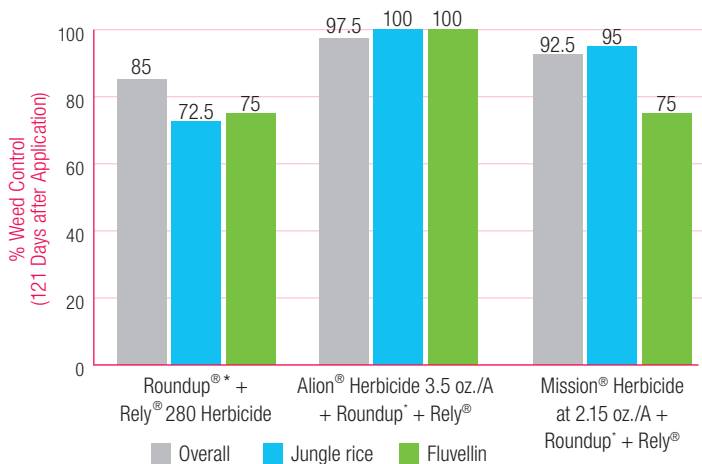
Over three years and 49 trials by Bayer CropScience, Alion demonstrates longer control of grass and broadleaf weeds than leading competitors.

### Grass Weeds



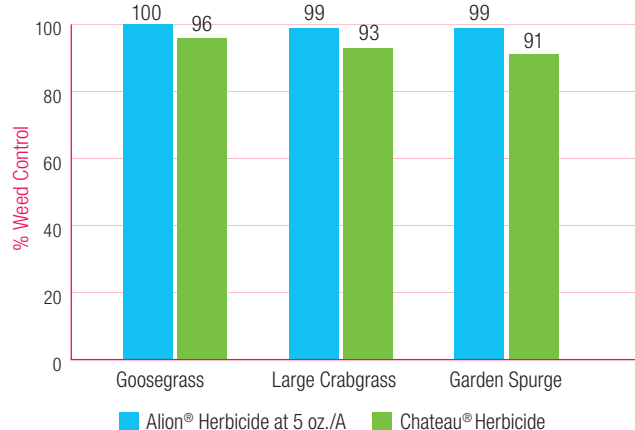
Over three years and 49 trials by Bayer CropScience, Alion demonstrates longer control of grass and weeds than leading competitors.

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

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