Sharpen® Herbicide for Fall Burndown and Weed Control

Powered by Kixor® Herbicide Technology
- Control of the toughest broadleaf weeds
- Excellent tool for managing winter annuals including glyphosate-resistant marestail

Fast
- 3 to 5 times faster than 2,4-D ester or glyphosate

Flexible
- Broad-spectrum broadleaf weed control
- Plant any crop the following spring
- Compatible with residual herbicide partners

Sharpen herbicide delivers a 21st century solution to 21st century farmers.

Technical Information Bulletin

We create chemistry
Benefits of a Fall Burndown with Sharpen® Herbicide

- Manage winter annuals, including marestail in the fall when they are smaller and easier to control
- Cleaner fields in the spring can mean more timely planting and may improve crop emergence
- Remove overwintering hosts for nematodes and destructive insects

![Image of field]

Desha County, AR – 90 DAT. Primary weed: Henbit. *Sharpen herbicide (2 fl oz/A) + glyphosate (32 fl oz/A) + MSO (1% v/v). Applied in December.

Sharpen herbicide makes fall burndown simple – manage your fields more effectively and help improve your ROI.

### Best Use Recommendations

#### Application Requirements

- Adjuvants: MSO (1 gal/100 gals or minimum 1 pint/A) + AMS (8.5 – 17 lbs/100 gal)
- 15 GPA carrier volume for optimum coverage
- Rainfast in 1 hour
- Weeds must be actively growing; multiple nights below freezing will reduce burndown activity
- For residual control of Italian ryegrass, tank mix with Zidua® herbicide at 2 oz/A

#### Application Recommendations

<table>
<thead>
<tr>
<th>Sharpen Herbicide (1 – 2 fl oz/A)</th>
<th>+</th>
<th>2, 4-D ester + glyphosate</th>
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<tbody>
<tr>
<td>OR</td>
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<tr>
<td>Sharpen Herbicide (1 – 2 fl oz/A)</td>
<td>+</td>
<td>Clarity® herbicide + glyphosate</td>
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<td>OR</td>
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<tr>
<td>Sharpen Herbicide (1 – 2 fl oz/A)</td>
<td>+</td>
<td>Leadoff® or Valor® + glyphosate</td>
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Ask your retailer about Sharpen herbicide today. To learn more, visit [www.sharpenherbicide.com](http://www.sharpenherbicide.com).