

Sharpen®

Powered by **Kixor®** Herbicide

Sharpen® Herbicide for Burndown Applications

Benefits of Sharpen Herbicide

Powered by Kixor® herbicide Technology

- Control of the toughest broadleaf weeds
- Excellent tool for managing winter annuals including glyphosate-resistant marestail

Speed of Control

- Three to five times faster burndown than 2,4-D ester or glyphosate

Flexible

- Broad-spectrum broadleaf weed control
- Crop rotation flexibility the following year
- Compatible with residual herbicide partners

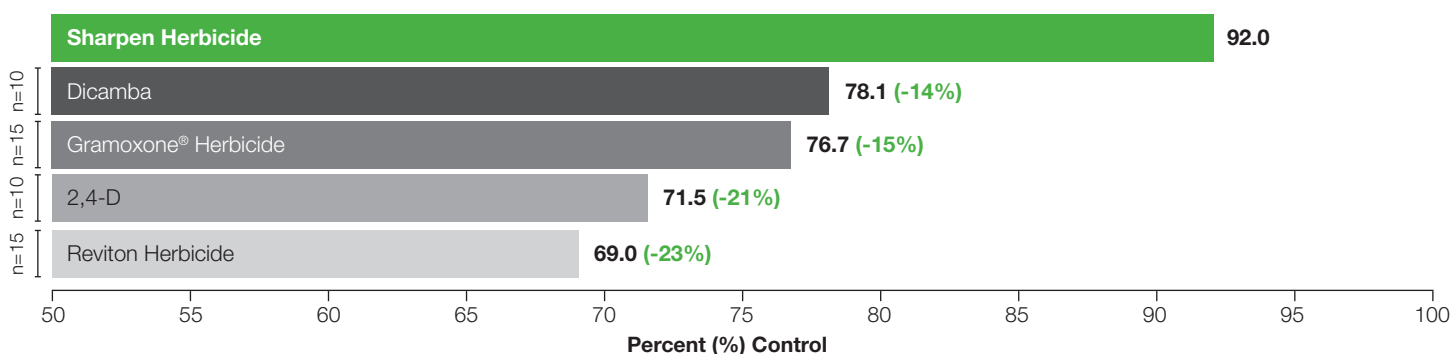
Benefits of a Fall Burndown with Sharpen Herbicide



Untreated Sharpen Herbicide (2 fl oz/A)*

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.

Marestail Control – 21 Days After Treatment (2021–2023 National Data Summary)



2021-2023 BASF sponsored replicated research trials. Where "n=10" locations include: IL (2), IN, KY (2), MD, MI, MO, PA (2). Where "n=15" locations include: GA (2), IL (3), IN (3), LA, MO, NC, NE, OH (2), PA. Marestail were 3 to 6 inches tall at time of application and all treatments had MSO (1% v/v) + AMS (8.5 lbs/100 gal) and were applied with 15 GPA water.

BASF

We create chemistry

Technical Information Bulletin

Best Use Recommendations

Application Requirements

- Adjuvants: MSO (1 gal/100 gal 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 small seeded broadleaves and grasses, tank mix* with Zidua® SC herbicide

*Before mixing components, always conduct a compatibility jar test. Always consult respective product labels for specific mixing instructions. The most restrictive label applies.

Application Recommendations

Standard:

Sharpen® Herbicide (1 fl oz/A)	+	glyphosate
-----------------------------------	---	------------

Residual:

Sharpen Herbicide (1-2 fl oz/A)	+	Zidua SC Herbicide + glyphosate
------------------------------------	---	------------------------------------

Enhanced:

Sharpen Herbicide (1 fl oz/A)	+	glyphosate + Distinct® Herbicide (4 oz/A) or 2,4-D
----------------------------------	---	--

Benefits of Burndown Applications with Sharpen Herbicide

- Controls small-seeded broadleaf weeds like Palmer amaranth, waterhemp, mustards, and marestalk after crop harvest (i.e. fallow)
- Can be applied at 2 fl oz/A for burndown and residual in small grains with no preplant intervals

Marestail Burndown



Untreated



2,4-D



Sharpen Herbicide + 2,4-D



ET® Herbicide + 2,4-D



Aim® Herbicide + 2,4-D

Lubbock, TX BASF replicated small-plot field trial. COC (1% v/v) applied with 2,4-D, ET, and Aim herbicide. MSO (1% v/v) applied with Sharpen herbicide. Roundup Powermax (22 fl oz/A) + AMS (8.5 lbs/100 gal) applied with all herbicide treatments. Sharpen herbicide applied at 1 fl oz/A, 2,4-D applied at 11.4 fl oz/A, ET herbicide applied at 2 fl oz/A, and Aim herbicide applied at 1 fl oz/A.

BASF
We create chemistry



Ask your retailer about Sharpen herbicide today. To learn more, visit SharpenHerbicide.com.

Sharpen®
Powered by **Kixor®** Herbicide

Always read and follow label directions. Distinct, Kixor, Sharpen and Zidua are registered trademarks of BASF. All other trademarks are the property of their respective owners, and use of any such trademark does not imply any affiliate with or endorsement by its owner. ©2025 BASF Corporation. All Rights Reserved. APN# 20231006LDG Sharpen-Burndown-July2025-TX