# For distribution and use only in the state of South Dakota

# FIFRA Sec. 24(c) Special Local Need Label

# Sharpen® Powered by Kixor® Herbicide

## **Resistance Management**

This label expires October 22, 2018. EPA Reg. No. 7969-278

Refer to the Sharpen® herbicide main label, EPA Reg. No. 7969-278, for complete Directions For Use and all applicable restrictions and precautions. When following the instructions on this supplemental label, the user must have this label and the entire Sharpen container label in possession at the time of pesticide application.

#### **Directions For Use**

It is prohibited to use this product in a manner inconsistent with all applicable directions, restrictions, and precautions found in the labeling of the federally registered product and accompanying supplemental labeling. **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

### **Resistance Management**

While weed resistance to protoporphyrinogen-oxidase inhibiting herbicides is relatively infrequent, populations of resistant biotypes are known to exist.

When planning a weed control program that includes **Sharpen**, employ integrated pest management (IPM) practices that include, but are not limited to field scouting, crop rotation, cultural techniques, and herbicide rotation and/or mixtures to prevent the

**EPA SLN No. SD150005** 

development of or to manage existing populations of protoporphyrinogen-oxidase resistant weeds.

- 1. Follow labeled application rates and weed growth stage use directions.
- 2. Use crop rotation so that diverse strategies can be brought to bear to control weeds across multiple years. Different crops allow the rotation of herbicides with different modes of action. They also can vary in their inherent competitiveness against weeds and allow for the use of different cultural methods.
- Use cultural weed control methods where appropriate such as cultivation or other mechanical methods, planting certified crop seed, and stubble burning (where allowed).
- 4. Use products from different mode of action groups to control the same weed either in successive applications (i.e., preplant, preemergence, postemergence) or mixtures. DO NOT apply Sharpen in successive applications within the same season unless tank mixed with Group 3/Group K1 herbicides. Avoid the continued use of the same herbicide or herbicides having the same mode of action across years unless it is integrated with other weed control practices.
- 5. Scout fields prior to application to determine which weeds and the level of infestation present, and tailor the weed control program accordingly. Monitor the results of herbicide applications to identify any gaps in performance or reduction in overall weed control. Quickly adjust IPM practices to address any emerging weed control issues.



## **Conditions of Sale and Warranty**

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

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