

**HEC Agronomy Newsletter**  
**2/5/2010**

**Kixor- New Product for 2010!**

There is a new family of herbicides that are coming onto the market in 2010 from BASF. This family of herbicides is called Kixor. I call this a “family of herbicides” because BASF will use the “Kixor” name as an umbrella name over a series of products containing a new active ingredient. The new active ingredient is called Saflufenacil and will be marketed under the name Sharpen. BASF will also combine Saflufenacil with Outlook and this product will be called Integrity. Both of these products are considered to be in the “Kixor” family.

Sharpen (or the Saflufenacil by itself) is labeled in Corn, Soybean, Small Grains, Sunflower (for desiccation only), and Fallow. This product is a PPO inhibitor and acts like a very active contact herbicide when used on vegetation. This product also has soil residual properties that may fit into Roundup Rotations to help manage resistance issues or help manage POST applications of herbicides. Sharpen must be applied Pre-emerge or in a burndown applications. Sharpen has a very long list of weeds that it will control. Some of the weeds listed for control are: wild buckwheat, volunteer canola, kochia, lambsquarters, giant and common ragweed, and dandelion, just to name a few. The rotational restrictions for the following season look to be pretty workable for most rotations including a sugarbeet rotation.

The Kixor family of herbicides seems like it is going to be exciting and could have a fit in some areas. Feel free to stop by and talk with your local HEC Agronomist about how this product might fit into your farming operation.

New  
for 2010

**SHARPEN™**  
POWERED BY **KIXOR®** HERBICIDE



POWERED BY **KIXOR®**  
HERBICIDE TECHNOLOGY

- Control of the toughest broadleaf weeds

**FAST**

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

**FLEXIBLE**

- Broad-spectrum broadleaf weed control
- Preplant interval flexibility
- Wide range of crops

*"I'm excited about Kixor due to its flexibility. Using it for soybeans and corn and the burndown capabilities for no-till situations... It's a universal product that we can use for both."*

*Terry Clark  
Manager at Golden Furrow Fertilizer  
Edon IA*

21<sup>st</sup> Century Weed Control  
for 21<sup>st</sup> Century Farmers

**BASF**  
The Chemical Company

# SHARPEN™

POWERED BY **KIXOR**® HERBICIDE

Sharpen™ herbicide makes burndown simple - manage your fields more effectively, plant quicker, and improve your ROI.

## CROPS

- Soybeans
- Grain sorghum
- Corn (field and silage)
- Popcorn

## BURNDOWN USE PATTERN

Crop	Application Timing	Rate (fl oz/A)
Soybeans	Preplant up to Preemergence*	1.0
Corn	Preplant, Preemergence	1.0
Grain sorghum	Preplant, Preemergence	1.0 to 2.0

\* Preplant interval restriction of 30 days for coarse soils with ≤ 2% organic matter.

## CORN RESIDUAL USE PATTERN†

Soil Texture	Rate (fl oz/A)
Coarse	2.0
Medium	2.5
Fine	3.0

† Preplant and preemergence rates for burndown and residual broadleaf weed control through early to mid-season. Apply a labeled postemergence treatment for full season weed control.

## APPLICATION REQUIREMENTS

- Adjuvants:  
MSO (1 gal/100 gal) + AMS (8.5 to 17 lbs/100 gal)
- Burndown of emerged grasses will require a tank mix partner (e.g., glyphosate)
- Applications must be made prior to crop emergence or severe injury will occur
- Minimum 5 GPA carrier volume
- Rainfast in 1 hour

2009 BASF Preplant Soybean Field Trial, Beaver Crossing, NE, 14 DAT



2008 Texas A&M Preplant Sorghum Field Trial, Lubbock, TX, 14 DAT



Visit your retailer to order Sharpen today



To learn more visit  
[www.kixorherbicide.com](http://www.kixorherbicide.com)

Always read and follow label directions.

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