

# Authority® Edge Herbicide

## The standard for residual control and resistance management.

### SOYBEANS

#### Product Information:

Authority® Edge herbicide from FMC offers growers an optimized ratio of the industry's best Group 14, sulfentrazone, and Group 15, pyroxasulfone herbicides. This herbicide is built for growers with wide-ranging soil and field conditions from light soils to heavy, high organic matter soils. Authority Edge herbicide provides superior in-season residual control of pigweed and other small-seeded broadleaf weeds and excellent grass control.

The high ratio of sulfentrazone to pyroxasulfone is key to the longer residual control of target weeds and grasses to allow for reduced postemergence treatments in-season.

Authority Edge herbicide can be applied preplant or preemergence up to three days after planting, but before emergence. Follow-up with an application of Anthem® MAXX herbicide to help maximize your postemergence control of the toughest weeds.

#### Quick Facts:

- Ideal for growers with heavier textured soils and higher organic matter levels.
- Combines an optimal ratio of sulfentrazone (Group 14) and pyroxasulfone (Group 15) active ingredients.
- May be applied preplant, preemergence or up to three days after planting before emergence.
- Growers may follow-up with an application of other Group 15 herbicides like Anthem MAXX herbicide postemergence.
- Easy to use and mix liquid formulation with low use rates.
- Controls key weeds such as waterhemp, Palmer amaranth, kochia, lambsquarters, foxtails, barnyardgrass and others.

## Key Weeds Controlled:

Waterhemp	Kochia
Palmer amaranth	Morningglory species
Spiny amaranth	Common purslane
Redroot pigweed	Prickly sida
Smooth pigweed	Hophornbeam copperleaf
Common lambsquarters	Pennsylvania smartweed

## Key Grasses Controlled:

Fall panicum	Goosegrass
Barnyardgrass	Italian ryegrass
Foxtail species	Southwestern cupgrass
Crabgrass species	Prairie cupgrass
Broadleaf signal grass	Crowfoot grass
Canary grass	Annual bluegrass

## Application Guidelines:

Authority® Edge herbicide can be applied preplant, preplant incorporated or preemergence up to three days after planting but before emergence.

## Label:

**Active Ingredients:** Pyroxasulfone, Sulfentrazone.

**Mode of action:** Contains two modes of action: Pyroxasulfone, which acts to inhibit very-long-chain fatty acid synthesis, is a root and shoot inhibitor that controls susceptible germinating seedlings before or soon after they emerge from the soil. Sulfentrazone acts as a protoporphyrinogen oxidase (PPO IX) enzyme inhibitor.

## Restrictions for Use in Soybeans:

Do not make more than two applications per year.

Do not apply within seven days if a second application is necessary.

**On coarse soils:** Do not apply more than a maximum cumulative amount of 9.42 fl. oz./A Authority Edge herbicide (0.313 lbs. ai/A containing 0.111 lbs. ai of pyroxasulfone and 0.202 lbs. ai/A of sulfentrazone) per year. Do not make more than two applications of Authority Edge herbicide per year when using reduced application rates equal or less than 4.7 fl. oz./A.

**On medium and fine soils:** Do not apply more than a maximum cumulative amount of 15.7 fl. oz./A of Authority Edge herbicide (0.521 lbs. ai/A containing 0.186 lbs. ai/A of pyroxasulfone and 0.335 lbs. ai/A of sulfentrazone) per year. Do not make more than two applications of Authority Edge herbicide per year when using reduced application rates equal or less than 7.8 fl. oz./A.

**Please see product label for a complete list of restrictions.**

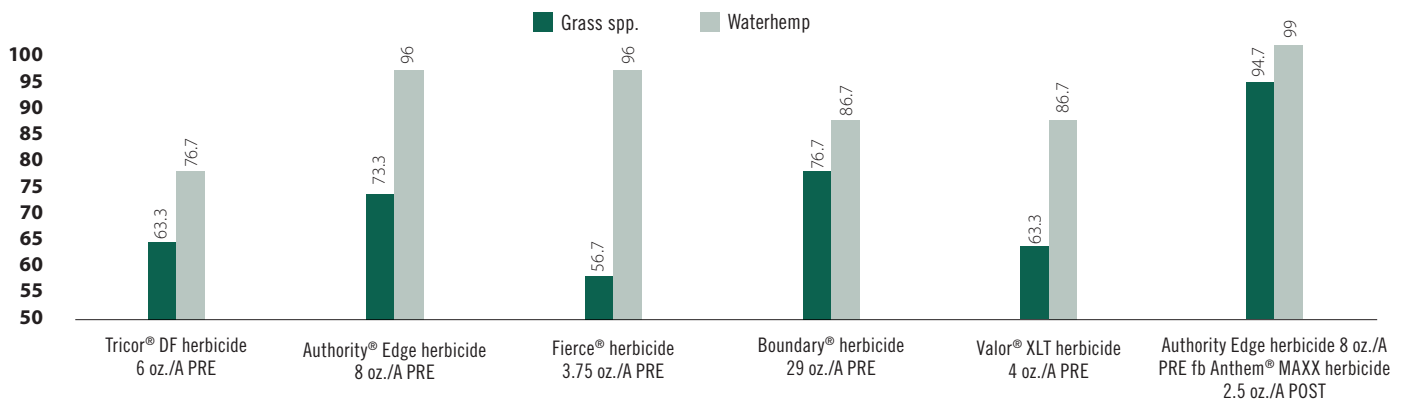
## Use Rates of Authority Edge Herbicide in Soybeans

ORGANIC MATTER %	COARSE	MEDIUM	FINE
PRE USE RATES - OUNCES / ACRE			
< 1.5	5.9-7.9	7.0-10.0	9.0-12.0
1.5-3.0	6.9-8.8	8.0-11.0	10.0-13.0
> 3.0	7.0-9.4	9.0-12.0	12.0-15.7

Use higher rates for soils of pH less than 7.2 and lower rates for pH greater than 7.2 within the rate range.

## GO THE EXTRA ACRE WITH OVERLAPPING RESIDUALS.

Source: University of Iowa, 2019.



To learn more about Authority Edge herbicide, contact your retailer or visit [AuthorityEdge.Ag.FMC.com](http://AuthorityEdge.Ag.FMC.com).

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