Authority® Edge Herbicide

Introducing the new standard for residual control and resistance management.

**Product Information:**
Authority® Edge herbicide from FMC offers growers an optimized ratio of the industry’s best Group 14 and Group 15 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 – 1.8 to 1 – is key to the longer residual control of target weeds and grasses, lasting up to two weeks longer than competitors 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. Growers can then come back with a labeled rate of Anthem® MAXX herbicide early postemergence without exceeding maximum yearly use rates of pyroxasulfone*. 

**Quick Facts:**
- Up to 14 days longer residual weed control than competitor preemergent herbicides.
- 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.

*See product labels to determine the combination of rates to use in order not to exceed the allowed pyroxasulfone active ingredient per cropping year.
Always read and follow all label directions, precautions and restrictions for use. Some products may not be registered for sale or use in all states. Authority Edge herbicide may not be registered for sale or use in all states. Contact your local FMC representative or retailer for details and availability in your state. FMC, the FMC logo, Anthem and Authority are trademarks of FMC Corporation or an affiliate. Select Max is a trademark of Valent U.S.A. LLC. ©2019 FMC Corporation. All rights reserved. 19-FMC-1946 09/19

**Key Weeds Controlled:**
- Waterhemp
- Palmer amaranth
- Spiny amaranth
- Redroot pigweed
- Smooth pigweed
- Common lambsquarters

**Key Grasses Controlled:**
- Fall panicum
- Barnyardgrass
- Foxtail species
- Crabgrass species
- Broadleaf signal grass
- Canary grass

**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**

<table>
<thead>
<tr>
<th>ORGANIC MATTER %</th>
<th>COARSE</th>
<th>MEDIUM</th>
<th>FINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRE USE RATES - OUNCES / ACRE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; 1.5</td>
<td>5.9-79</td>
<td>7.0-10.0</td>
<td>9.0-12.0</td>
</tr>
<tr>
<td>1.5-3.0</td>
<td>6.9-8.8</td>
<td>8.0-11.0</td>
<td>10.0-13.0</td>
</tr>
<tr>
<td>&gt; 3.0</td>
<td>7.0-9.4</td>
<td>9.0-12.0</td>
<td>12.0-15.7</td>
</tr>
</tbody>
</table>

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

**Weed Control in Soybean Trials, Murphysboro, IL - 42 DAA**

**Untreated**

**Authority Edge herbicide 8 fl. oz./A fb Select Max® herbicide 10 fl. oz./A + COC (1% V/V)**

To learn more about Authority Edge herbicide, contact your retailer or visit FMCAGUS.COM/AUTHORITYEDGE.