BroadAxe XC herbicide for soybeans

Technical overview
BroadAxe® XC herbicide provides broad-spectrum residual control of a full range of tough broadleaf and grass weeds.

Early-season weed management
Soybeans are sensitive to early-season competition from weeds. The Iowa State University Extension recommends use of a pre-emergence herbicide to minimize the risk of early-season weed competition by reducing weed density and slowing weed growth. BroadAxe XC maximizes soybean yield potential through its early-season weed management and long-lasting residual control of weeds, with flexible application options.

Resistance management
Soybean weed control is becoming more complex due to the spread of herbicide-resistant weeds. As herbicide-resistant populations grow, so does the need to diversify modes of action. BroadAxe XC combines multiple modes of action and promotes the use of overlapping residuals to delay development of herbicide resistance while providing highly effective, season-long weed control.

Weed spectrum*

**Broadleaf weeds**
- Amaranth, Palmer
- Amaranth, Spiny
- Amaranth, Spleen
- Copperleaf, Hophornbeam
- Florida Pusley
- Galinsoga, Hairy
- Ground Cherry, Cutleaf
- Kochia (ALS, Glyphosate and Triazine Resistant)
- Lambsquarters, Common
- Morningglory, Entireleaf
- Morningglory, Ivyleaf
- Morningglory, Palm Leaf (Willow Leaf)
- Morningglory, Pitted
- Morningglory, Purple Moonflower
- Morningglory, Red
- Morningglory, Scarlet
- Morningglory, Smallflower
- Morningglory, Tall (Common)
- Nightshade, Black
- Nightshade, Eastern Black
- Pigweed, Redroot
- Pigweed, Smooth
- Pigweed, Spiny
- Prickly Sida
- Smartweed, Pennsylvania
- Star of Bethlehem
- Thistle, Russian
- Tropical Spiderwort
- Waterhemp, Common
- Waterhemp, Tall
- Waterhemp, Tall (Willow Leaf)

**Sedges**
- Annual Sedge
- Nutsedge, Yellow
- Nutsedge, Purple

**Grass weeds**
- Barnyardgrass
- Broadleaf Signalgrass
- Crabgrass
- Crowfootgrass
- Cupgrass, Prairie
- Cupgrass, Southwestern
- Fall Panicum
- Foxtail, Bristly
- Foxtail, Giant
- Foxtail, Green
- Foxtail, Robust
- Foxtail, Yellow
- Goosegrass
- Panicum, Texas
- Witchgrass

*Weeds controlled or suppressed
BroadAxe XC advantages at a glance

- **Full range of weed control including resistant weeds**
  - Combines multiple modes of action to control key annual grass weeds and broadleaf weeds like Palmer amaranth, waterhemp, morningglory, kochia, Russian thistle (including ALS-, glyphosate-, and triazine-resistant populations)
  - Maximizes soybean yield potential with early-season weed management and long-lasting residual control of highly competitive broadleaf and grass weeds

- **Flexible program application options**
  - Works well in planned two-pass weed control program with Prefix®, Flexstar® GT 3.5 or Touchdown Total® herbicides
  - Works well across all current and future herbicide trait platforms, as well as conventional cropping systems
  - Delivers effective performance in all tillage systems: no-till, minimum till and conventional tillage systems
  - Allows for use across multiple soil types and geographies
  - Provides for flexible application timing up to three days after planting, but prior to crop emergence

**Use recommendations**

- **Application guidelines**
  - Apply as a fall treatment, preplant, preplant incorporated or pre-emergence up to three days after planting
  - Ground application – apply 10 GPA minimum
  - Aerial application – apply 5 GPA minimum
  - Can be combined with liquid fertilizer

**Use rates**

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<thead>
<tr>
<th>BroadAxe XC Broadcast Use Rate (fl oz/acre)</th>
<th>Soil Texture</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Organic Matter</td>
<td>Coarse</td>
</tr>
<tr>
<td>&lt;1.5</td>
<td>19-25</td>
</tr>
<tr>
<td>1.5 - 3</td>
<td>25</td>
</tr>
<tr>
<td>&gt;3</td>
<td>25</td>
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