



BroadAxe XC herbicide for sunflowers

Technical overview

BroadAxe[®] XC herbicide provides broad-spectrum residual control of early-season weeds in sunflowers.

Early-season weed management

Sunflowers are sensitive to early-season competition from weeds. BroadAxe XC maximizes sunflower yield potential through early-season knockdown and long-lasting residual control of weeds. In addition, the flexible application options available with BroadAxe XC offer added convenience across soil types.

Resistance management

Sunflower weed control is becoming more complex due to the spread of herbicide resistance weeds. As herbicide-resistant populations grow, so does the need to diversify modes of action. By combining the activity of multiple modes of action, BroadAxe XC helps combat herbicide resistance and targets key broadleaf weeds and annual grass weeds in sunflowers.

Weed spectrum*

Broadleaf weeds

- Amaranth, Palmer
- Kochia
- Lambsquarters
- Nightshade, Black
- Pigweed, Redroot
- Pigweed, Smooth
- Russian thistle
- Waterhemp

Grass weeds

- Barnyardgrass
- Foxtail, Giant
- Foxtail, Green
- Foxtail, Yellow
- Panicum, Fall
- 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 kochia and Russian thistle (including ALS-, glyphosate-, and triazine-resistant populations)
 - Maximizes sunflower 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 Beyond[®] herbicide in IMI-tolerant sunflowers
 - Delivers effective performance in all tillage systems: no-till, minimum till and conventional tillage systems
 - Allows for use across multiple geographies and soil types
 - Provides flexible application options preplant or pre-emergence up to three days after planting, but before crop emergence

Use recommendations

- **Application guidelines**

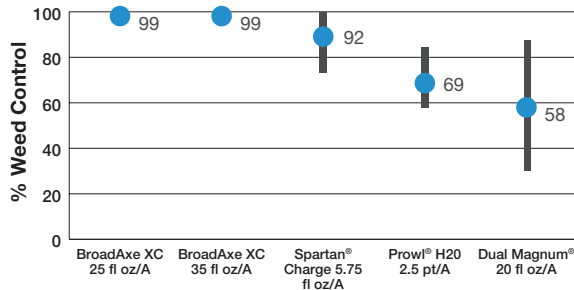
- Apply preplant up to 14 days prior to planting or pre-emergence up to three days after planting
- At least 0.5 to 1 inches of rainfall is needed for activation
- If adequate rainfall is not received within 7-10 days after application, a shallow incorporation may be needed to obtain desired weed control

Use rates

% Organic Matter	BroadAxe XC Broadcast Use Rate (fl oz/acre)		
	Soil Texture		
	Coarse	Medium	Fine
<1.5	19	19-25	21-30
1.5 - 3	19-25	21-32	25-32
>3	21-25	25-32	32-38.7

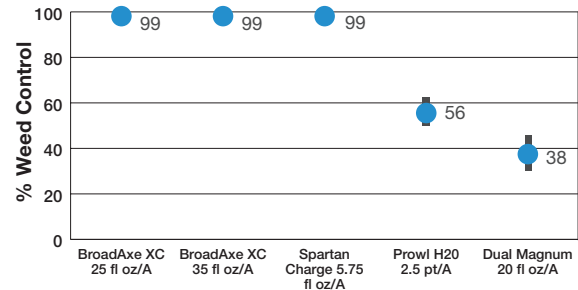
For soils with pH >7.2 use the lowest rate for that specific soil texture and organic matter.

Kochia control - 60 days after treatment
Summary of midwest sunflower trials



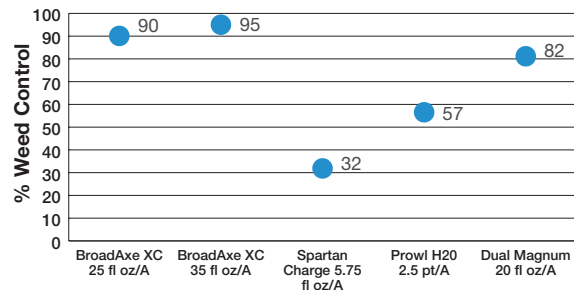
Number of trials = 5, LSD = 11 Source: FMC Corporation

Russian thistle control - 60 days after treatment
Summary of midwest sunflower trials



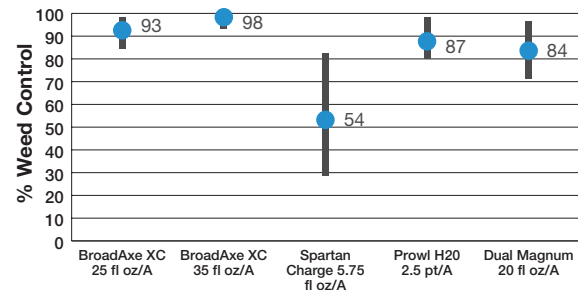
Number of trials = 2, LSD = 11 Source: FMC Corporation

Barnyardgrass control - 30-45 days after treatment
Summary of midwest sunflower trials



Number of trials = 1, LSD = 11 Source: FMC Corporation

Green foxtail control - 60 days after treatment
Summary of midwest sunflower trials



Number of trials = 9, LSD = 6 Source: FMC Corporation



BroadAxe[®] XC

syngenta[®]

For more information about BroadAxe XC, contact your Syngenta retailer or visit sunflowers.farmassist.com. Tap into the vast knowledge of our expert agronomy team on KnowMoreGrowMore.com. Join the conversation – connect with us at social.Syngenta.com.

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