

Acuron Flexi Corn Herbicide:

Defeats tough weeds with added flexibility



Acuron® Flexi

syngenta®



Weed resistance is expanding

Herbicide resistance continues to expand, which is rapidly driving increased use of pre-emergence residuals, more robust residual use rates and a need for herbicide premixes with multiple effective modes of action and active ingredients. Broadleaf weeds such as giant ragweed, Palmer amaranth and waterhemp are becoming more difficult to control and if left uncontrolled, broadleaf weeds can cut yields up to 50 percent.*

Acuron Flexi is a step change in weed management

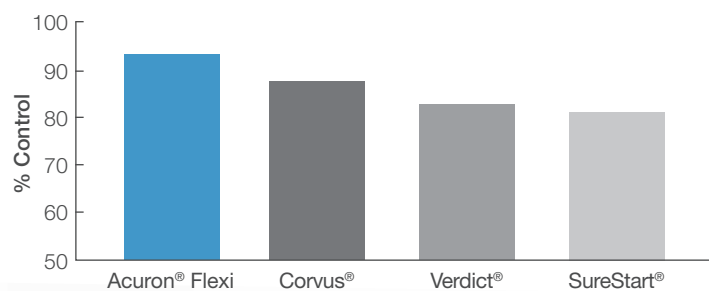
Acuron® Flexi corn herbicide from Syngenta puts farmers back in control of tough weeds other products are missing. Using the latest formulation technology, Acuron Flexi combines three active ingredients, including bicyclopyrone, and two complementary modes of action to deliver a multi-targeted approach to weed control, with added flexibility.

- ▶ **Bicyclopyrone** – for burndown plus residual that provides improved and more consistent control of large-seeded broadleaf weeds in corn
- ▶ **Mesotrione** – for burndown and residual control of broadleaf weeds
- ▶ **S-metolachlor** – for residual control of annual grasses and small-seeded broadleaf weeds

Trials show Acuron Flexi outperforms competitors in both the level and consistency of control against difficult weeds.

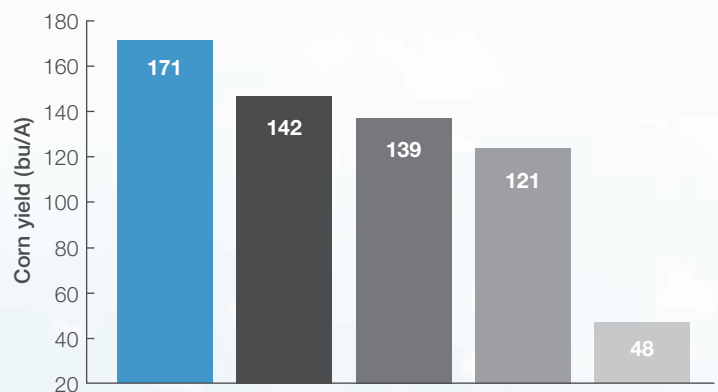
*2016 Weed Science Society of America study: *Perspectives on corn yield losses due to weeds in North America*

Acuron Flexi controls tough weeds



HBI004A&B3-2014US. Products were applied at the maximum labeled rate per soil type. 28 days after treatment. Weeds present include velvetleaf, giant ragweed, morningglory, sicklepod, Russian thistle and common cocklebur.

Acuron Flexi vs. competitors yield advantage



■ Acuron Flexi 2.5 qt/A
■ Corvus 5.6 fl oz/A + AAtrex® 4L 1 qt/A
■ Resicore® 2.5 qt/A
■ Verdict 18 fl oz/A + AAtrex 4L 1.5 qt/A
■ Anthem® ATZ 2.5 pt/A + AAtrex 4L .5 pt/A

Ohio State University Trial USNKS0012016 and Purdue University Trial 16S-TPAC-CORN-03. Herbicides applied pre-emergence. Not all treatments in trial are shown.



Rochester, Minnesota – 56 days after treatment



Compared to other herbicides, Acuron Flexi delivers:



Longer residual control

Delivers improved broad-spectrum control of many broadleaf weeds and grasses in corn, including giant ragweed, Palmer amaranth and waterhemp



Better resistance management

Contains three active ingredients, including bicyclopyrone, and two effective modes of action to deliver a multi-targeted approach to weed control



Greater consistency against more weeds

Trials show that bicyclopyrone helps Acuron Flexi provide greater consistency of control against difficult weeds versus industry standards

Greater flexibility with Acuron Flexi

Geographic flexibility

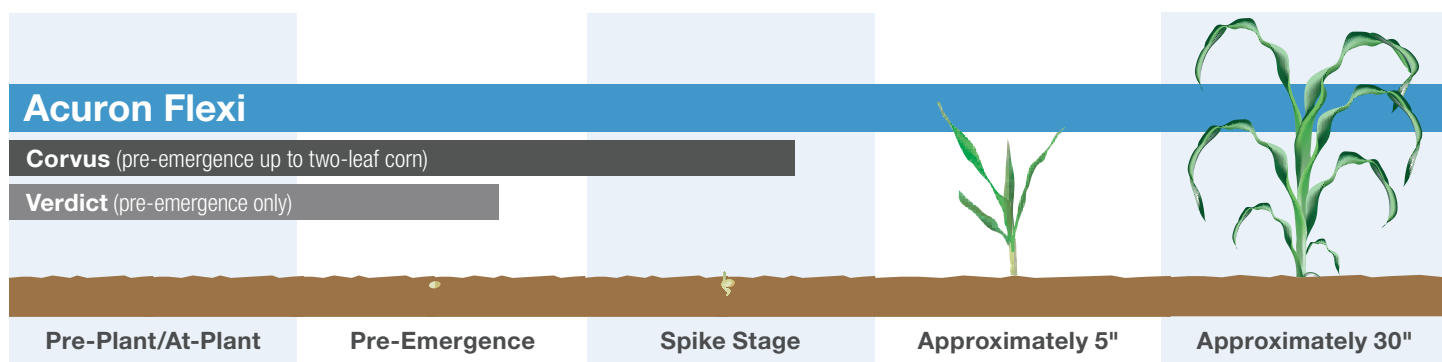
- ▶ Where registered, Acuron Flexi can be used without geographic or soil-type restrictions

Rotational flexibility

- ▶ Farmers are allowed to rotate to a variety of crops following an application of Acuron Flexi

Application flexibility

- ▶ Excellent pre- and post-emergence crop safety enables application flexibility from 28 days pre-plant, including burndown, up to 30-inch corn



Acuron Flexi is registered in field corn, seed corn, silage corn (pre-emergence only) and yellow popcorn (pre-emergence only).



Acuron[®] Flexi

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Use Recommendations

Tank mix recommendations

Acuron Flexi is labeled for use in pre-emergence and post emergence tank mixtures with other products. These tank-mix partners can be used in conventional, reduced or no-till systems, and can be applied by the same methods and at the same timing as Acuron Flexi unless otherwise specified in the tank-mix product label.

Refer to the label for additional tank mixtures.

Adjuvant recommendations

Pre-emergence

- ▶ The best additives for weed control are non-ionic surfactants at 1 qt/100 gal (0.25% v/V) plus an ammonium sulfate (AMS) product that delivers the equivalent of 8.5-17 lb/100 gal.

Post-emergence

- ▶ Add a non-ionic surfactant (NIS) at 1 qt/100 gal (0.25% v/V)
- ▶ In addition to NIS, an ammonium sulfate (AMS) product that delivers the equivalent of 8.5-17 lb/100 gal may also be added. The use of liquid nitrogen-based adjuvants (e.g., UAN) will increase the risk of crop injury.
- ▶ Do not use methylated seed oil (MSO) with Acuron Flexi applied alone or in a tank mixture to emerged corn

Use Rate

% Organic Matter	Acuron Flexi Use Rate
< 3%	2.0 qt/A
≥ 3%	2.25 qt/A

Visit www.SyngentaUS.com/AcuronFlexi to see how Acuron Flexi gets the last laugh on tough weeds.



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