

Acuron®

Resicore®

▶▶ Acuron corn herbicide outperforms
and outyields Resicore



syngenta.

32 days after treatment. 2024 Syngenta trial. Fremont, WI.
Acuron is a Restricted Use Pesticide.

®

▶ Compared to Resicore, Acuron stays a step ahead by offering:



Early-season weed management

Acuron® corn herbicide helps minimize weed competition, allowing corn to emerge in an environment optimal for success.



Multiple sites of action

With four active ingredients and three modes of action, Acuron is a premium resistance management solution.



Exclusive Bicyclopyrone

Bicyclopyrone (BIR) enables Acuron to deliver more effective and more consistent control of the toughest weeds.

Acuron®



Resicore®



2024 Syngenta trial in Fremont, WI.

Acuron and AAtrex-4L are Restricted Use Pesticides.

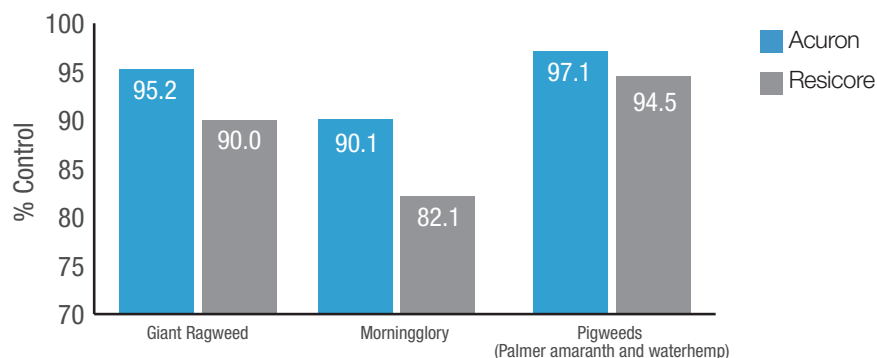
48 Days After Treatment

Powerful, consistent control

Acuron has three effective modes of action. Resicore has two modes of action. The clopyralid in Resicore herbicide is not a lethal dose rate.

Acuron compared to Resicore in 14 replicated trials

Data Source: 14 Syngenta/University Trials (2016)
1X rate applied per label use rate
Giant ragweed (n = 2)
Morningglory (n = 5)
Pigweeds = Waterhemp + Palmer (n = 8)



A novel active ingredient

Bicyclopyrone was developed to complement mesotrione. When combined with atrazine and S-metolachlor in Acuron, bicyclopyrone and mesotrione deliver broader spectrum and more consistent control of tough weeds in corn.

Below are comparisons of bicyclopyrone to clopyralid (better known as Stinger®), one of the active ingredients in Resicore®.

Bicyclopyrone (alone or with atrazine) provides greater control of waterhemp 14 days after treatment (DAT) than Stinger (alone or with atrazine).

Waterhemp control: Bicyclopyrone vs. Stinger – 14 days after treatment

Application rates applied post-emergence: AAtrex® 4L 1 pt/A, bicyclopyrone 3.5 fl oz/A, Stinger 2.5 fl oz/A. Treatments included Agri-Dex® and AMS at 1% and 2.5% v/v respectively. 2016 Syngenta trial at Vero Beach Research Center, Vero Beach, FL.



Untreated



Stinger,
a component
of Resicore



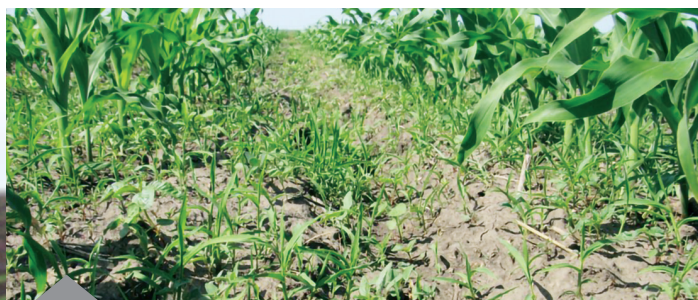
Bicyclopyrone,
a component
of Acuron



Stinger,
a component of
Resicore + AAtrex 4L



Bicyclopyrone +
AAtrex 4L, two
components
of Acuron



Stinger 5.13 fl oz/A PRE



Bicyclopyrone 3.46 fl oz/A PRE

2017 Syngenta trial located in Traer, IA.

30 Days After Treatment

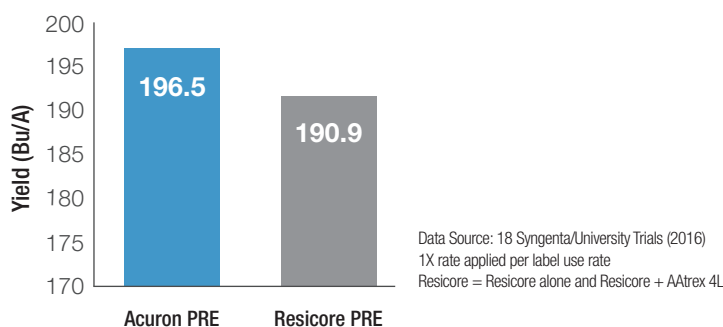


Control 70+ weeds

Compared to Resicore, trials show Acuron provides broader-spectrum residual control of more weed species later in the season – for clean fields you'll be proud of.

- ▶ Bicyclopyrone in Acuron delivers burndown and residual control of broadleaf weeds – Resicore lacks this ingredient for effective control of key weeds
- ▶ Higher dose rates and more effective modes of action in Acuron provide better resistance management compared to Resicore

Long-lasting residual weed control translates to higher yields

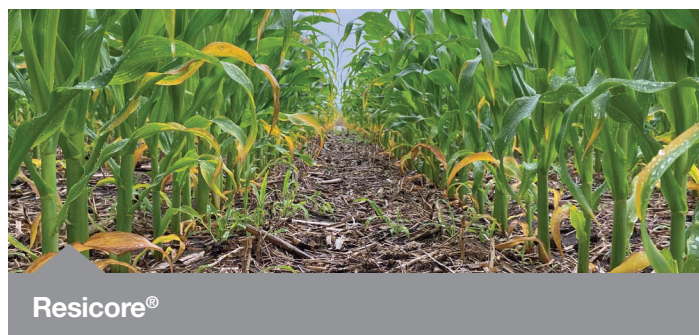
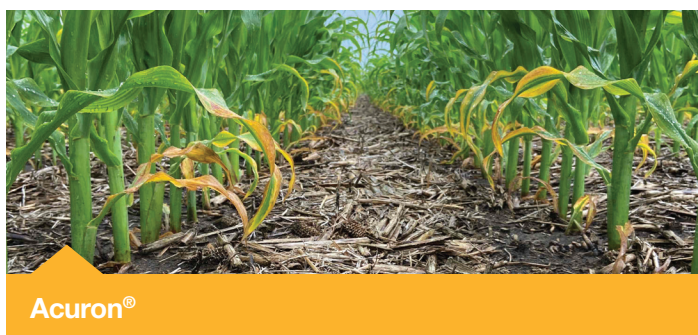


Added bonus: Crop safety

- ▶ Acuron has a proven crop safety record when used according to the label
- ▶ Application flexibility from 28 days preplant up to 12-inch corn, even in cool, wet conditions
- ▶ Acuron has greater formulation stability and handling because Syngenta invented technology to reduce active ingredient loss in its mesotrione-containing premixes
 - ▶ Mesotrione can rapidly degrade when mixed with chloroacetamide active ingredients like acetochlor which is an active ingredient in Resicore

Acuron
+ 5.6 Bu/A
vs. Resicore

36 Days After Treatment



2024 Syngenta trial in Fremont, WI.

For more information about Acuron, talk to your local Syngenta retailer or visit www.Acuron-Herbicide.com.

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Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations. Trials reflect treatment rates and mixing partners commonly recommended in the marketplace.

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