

## A Solution for Every Situation

Your farm has a unique set of specific needs, so one-size-fits-all weed control programs just don't cut it. You need weed control options that can be tailored to the challenges facing your farm, whether its soil type, weed spectrum, time constraints or Mother Nature inevitably throwing you a curve ball. The wide selection of corn herbicides offered by Syngenta creates a deep toolbox of customizable solutions for every situation.

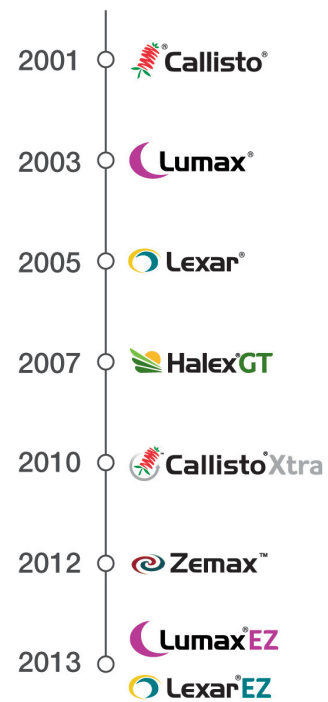
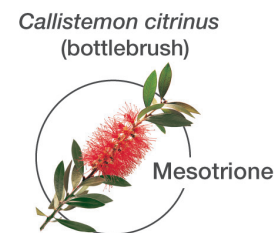
## Powered by Callisto Plant Technology

From a single herbicide to new generations of crop protection solutions, Callisto Plant Technology® takes weed control to the max.

Callisto Plant Technology was created to mimic the natural herbicides secreted by the *Callistemon* plant. It's that special ingredient that gives Halex GT, Lexar EZ, Lumax EZ, Zemax, and Callisto Xtra herbicides unmatched application flexibility and unprecedented residual control over broadleaf weeds.

### Callisto Plant Technology Brands Deliver

- Proven performance
- Long-lasting residual broadleaf weed control
- Application flexibility
- Multiple modes of action for weed resistance management
- Excellent crop safety



For more information including data, testimonials and videos, visit [callistoplanttechnology.com](http://callistoplanttechnology.com).

Lexar EZ, Lumax EZ, Zemax, Halex GT and Callisto Xtra are powered by the Callisto chemistry, which owes its origin to the discovery of a natural herbicide secreted by the *Callistemon* plant. This is Callisto Plant Technology and it brings unprecedented broadleaf weed control and application flexibility to these brands that the competition cannot match.



syngenta® For more information, visit [FarmAssist.com](http://FarmAssist.com).

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## Syngenta Corn Herbicide Portfolio

<p><b>1 PASS</b></p> <p>One-Pass Programs for Yield and Convenience</p>	<p><b>One-Pass Pre</b></p> <p>If you only want to spray once, Lexar® EZ, Lumax® EZ or Zemax™ herbicides applied at a full rate are your best choices for one-pass pre-emergence weed control in corn.</p> <p>When a second pass is needed, Touchdown Total® herbicide can be applied post-emergence up to 30-inch corn (glyphosate-tolerant corn only).</p> <p>Lexar®EZ Lumax®EZ Zemax™</p>	<p><b>One-Pass Post</b></p> <p>If time gets away from you, or Mother Nature throws you a curve ball, Halex® GT herbicide tank mixed with atrazine (AAtrex® 4L or AAtrex Nine-O® herbicides) is the best choice for one-pass post-emergence weed control in glyphosate-tolerant corn.</p> <p>HalexGT</p>
<p><b>2 PASS</b></p> <p>Two-Pass Programs for Yield and Hard-to-Control Weeds</p>	<p>A pre-emergence application of Bicep II Magnum® or Dual II Magnum® herbicides provides foundation control of yield-robbing early-season weeds and enough residual to last until a post application of either Halex GT tank mixed with atrazine (AAtrex 4L or AAtrex Nine-O) or Touchdown Total tank mixed with Callisto® Xtra herbicide.</p> <p>BicepII Magnum® or Dual II Magnum®</p> <p>Followed by</p> <p>HalexGT + AAtrex4L or TouchdownTotal® + CallistoXtra</p>	
<p><b>2 PASS</b></p> <p>Two-Pass Programs for Maximum Yield, Season-Long Weed Control and Weed Resistance Management</p>	<p>A two-pass program of Lexar EZ, Lumax EZ or Zemax followed by Halex GT tank mixed with atrazine (AAtrex 4L or AAtrex Nine-O) or Touchdown Total tank mixed with Callisto Xtra controls yield-robbing early-season weeds, provides long-lasting residual to manage them all season long and delivers multiple modes of action for pre and post control offering the most sustainable option for weed resistance management. This leads to optimum yield and maximum return on investment.</p> <p>Lexar®EZ or Lumax®EZ or Zemax™</p> <p>Followed by</p> <p>HalexGT + AAtrex4L or TouchdownTotal® + CallistoXtra</p>	



## Pre-Emergence Herbicide Options

### Lumax EZ – For Maximum Corn Yield in the Central and Northern Corn Belts

- **Full rate:** 2.7 - 3.25 qts/A
- **Three active ingredients:** mesotrione, S-metolachlor and atrazine + safener
- **Application timing:** 14 days pre-plant up to 12-inch corn
- **Purpose:** Burndown and residual control of the toughest broadleaf weeds and grasses such as waterhemp, lambsquarters and foxtails

### Lexar EZ – For Maximum Corn Yield in the Central and Southern Corn Belts

- **Full rate:** 3.0-3.5 qts/A
- **Three active ingredients:** mesotrione, S-metolachlor and atrazine + safener
- **Application timing:** 14 days pre-plant up to 12-inch corn
- **Purpose:** Burndown and residual control of the toughest broadleaf weeds and grasses such as waterhemp, morningglories, cocklebur, sunflowers, ragweeds, barnyardgrass, foxtails and Palmer amaranth

### Zemax – For Long-Lasting Residual Control and Flexibility in Areas Where Atrazine Use is Limited

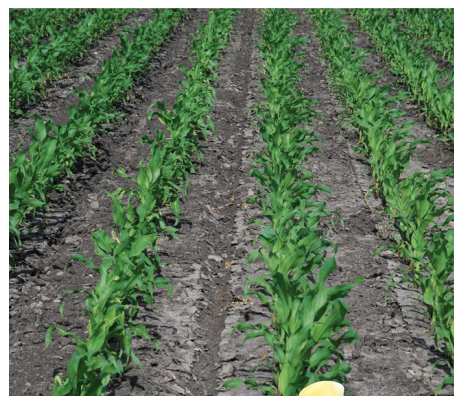
- **Full rate:** 2.0-2.4 qts/A
- **Two active ingredients:** mesotrione and S-metolachlor + safener
- **Application timing:** 14 days pre-plant up to 30-inch corn
- **Purpose:** Residual control of tough grasses and small-seeded broadleaf weeds such as waterhemp, pigweeds, foxtails, lambsquarters and giant ragweed
- **Tank mix partners:**
  - Where possible, add an AAtrex brand herbicide for application up to 12-inch corn
  - Zemax can also be tank mixed with a Princep® brand herbicide for pre-emergence application

### Bicep II Magnum – For Foundation Early-Season Weed Control that Buys Time for Post-Emergence Application

- **Full rate:** 2.1 qts/A
- **Two active ingredients:** S-metolachlor and atrazine + safener
- **Application timing:** 45 days pre-plant up to 12-inch corn
- **Purpose:** Dual benefits of early-season weed control and extended residual control of grasses and broadleaf weeds

### Dual II Magnum – For Foundation Grass Control in Corn

- **Full rate:** 1.0-2.0 pts/A depending on soil organic matter
- **One active ingredient:** S-metolachlor + safener
- **Application timing:** Can be fall-applied in IA, MN, ND, SD, WI and portions of NE and IL up to 40-inch corn
- **Purpose:** Eliminates yield-robbing early-season weed competition through residual control of most annual grasses and small-seeded broadleaf weeds including glyphosate-resistant pigweeds and waterhemp



## Post-Emergence Herbicide Options

### Halex GT – Glyphosate with Residual™ for Glyphosate-Tolerant Corn

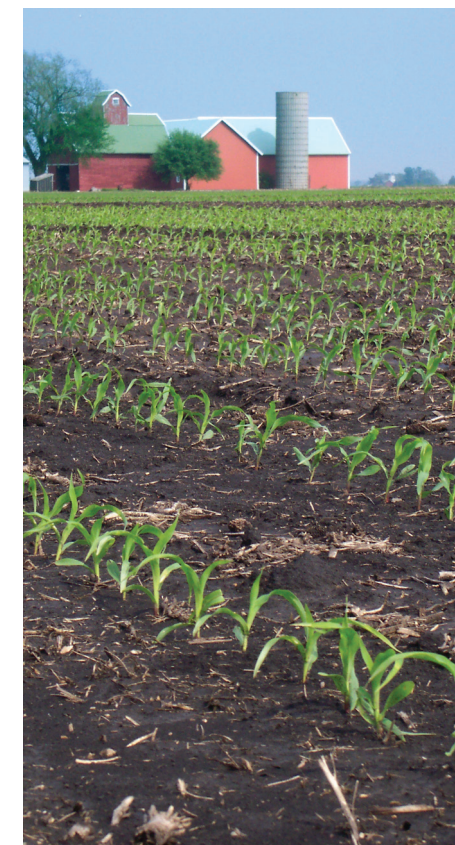
- **Full rate:** 3.6-4.0 pts/A
- **Three active ingredients:** mesotrione, S-metolachlor and glyphosate
- **Application timing:** post-emergence up to 30-inch corn
- **Tank mix partners:**
  - Add an AAtrex brand herbicide (AAtrex 4L or AAtrex Nine-0) to Halex GT for an additional mode of action and synergistic weed control. This combination can be applied up to 12-inch corn.
- **Purpose:** Burndown control of emerged weeds and residual control of tough grasses and broadleaf weeds including ragweeds, waterhemp, lambsquarters, pigweeds and foxtails

### Callisto Xtra – Tank Mix Partner of Choice for Glyphosate

- **Full rate:** 20.0-24.0 oz/A
- **Two active ingredients:** mesotrione and atrazine
- **Application timing:** post-emergence up to 12-inch corn
- **Purpose:** Adds two modes of action to glyphosate, provides faster burndown than a glyphosate-only treatment and delivers burndown plus long-lasting residual control of tough broadleaf weeds including lambsquarters, waterhemp, pigweed and ragweed

### Touchdown Total – Burndown Control and Crop Safety in Glyphosate-Tolerant Corn

- **Full rate:** Rate will vary based on weed species and height at the time of application
- **Active ingredients:** glyphosate
- **Application timing:** post-emergence up to 30-inch corn and 30 to 48 inches tall with drop nozzles
- **Purpose:** Highly concentrated formulation that delivers down-to-the roots burndown control of more than 170 weed species with proven crop safety



Talk to your local Syngenta retailer about which solution will best fit your farming practice.

