Power of Mesotrione

Halex® GT corn herbicide is powered by Callisto Plant Technology®, which has delivered unprecedented broadleaf weed control to corn fields for years. Growers have come to rely on the advantages of using herbicides containing Callisto® – season-long residual control, application flexibility, crop safety and most importantly, broad-spectrum weed control.

History of Mesotrione
Mesotrione was first introduced to the marketplace with the arrival of Callisto corn herbicide in June 2001. Even though the post-herbicide season had already begun, Callisto was still applied to more than 500,000 acres over a two- to three-week time span. Since its introduction, Callisto has consistently been ranked at the top of the charts by growers. Syngenta branded the technology as Callisto Plant Technology to communicate to customers the value of using a Callisto family brand – quality, flexibility, innovation, strength, natural origin, confidence, crop safety and uniqueness.

Benefits of Mesotrione
- **Flexibility.** Exceptional broadleaf weed control in pre-emergence or post-emergence applications.
- **Safety.** Trials have shown Callisto provides excellent crop safety to corn when applied according to the label.
- **Residual.** Season-long residual controls broadleaf weeds until crop canopy reducing the need for additional herbicide applications.
- **Mode of Action.** An alternative to glyphosate alone in glyphosate-tolerant corn.
- **Weed Resistance Management.** Provides control of glyphosate-resistant weeds such as waterhemp, lambsquarters, common ragweed and giant ragweed.
- **Fast-Acting Weed Control.** Readily absorbed by leaves, roots and shoot with translocation occurring in both the xylem and phloem, resulting in rapid distribution throughout the weed.
The Callisto Family of Brands
Syngenta has continued to build upon the success of mesotrione and has expanded the Callisto family of brands, each specifically designed to meet certain grower needs, but all sharing the benefits of mesotrione that set them apart from the competition. No other products in the market today can offer all the benefits of the brands powered by mesotrione.

<table>
<thead>
<tr>
<th>Powered by Callisto Plant Technology™</th>
<th>Application timing</th>
<th>Active ingredients</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Callisto</strong></td>
<td>Post-emergence</td>
<td>Mesotrione</td>
<td>Residual broadleaf weed control and an extra mode of action makes Callisto brands the tank mix partners of choice for glyphosate.*</td>
</tr>
<tr>
<td><strong>Callisto Xtra</strong></td>
<td>Post-emergence</td>
<td>Mesotrione, Atrazine</td>
<td></td>
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<tr>
<td><strong>Lumax</strong></td>
<td>Pre-plant through 12” corn</td>
<td>Mesotrione, S-metolachlor, Atrazine</td>
<td>Three modes of action deliver season-long residual control of the toughest broadleaf weeds and grasses, including waterhemp, lambsquarters, ragweeds and foxtails.</td>
</tr>
<tr>
<td><strong>Lexar</strong></td>
<td>Pre-plant through 12” corn</td>
<td>Mesotrione, S-metolachlor, Atrazine***</td>
<td>Specifically formulated to manage tough-to-control broadleaf weeds and grasses found in the Central and Southern Corn Belts including waterhemp, morningglories, cocklebur, sunflowers, ragweeds and Palmer amaranth.</td>
</tr>
<tr>
<td><strong>Halex GT</strong></td>
<td>Post-emergence in glyphosate-tolerant corn only</td>
<td>Mesotrione, S-metolachlor, Glyphosate</td>
<td>Halex GT provides the best opportunity for one-pass, post-emergence weed control with a single product in glyphosate-tolerant corn. One application provides residual control to keep fields weed-free from spike to crop canopy. However, for growers planning a two-pass program, Halex GT is the post-emergence partner of choice following an application of Bicep® brands, Dual® brands, Lexar®, Lumax® or Princep® brands.</td>
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* Callisto Xtra will not provide post-emergence control of HPPD-resistant waterhemp.
** Lumax contains a higher level of S-metolachlor than Lexar for added grass control.
*** Lexar contains a higher level of atrazine than Lumax for added broadleaf weed control.

Halex GT, which is powered by the Callisto chemistry, 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 exceptional crop safety to Halex GT.

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For more information, visit halexgt-herbicide.com, FarmAssist.com or contact the Syngenta Customer Center at 1-866-SYNGENTA (796-4368).

Halex GT is a Resistance Fighter™ brand. For more information about managing against weed resistance, visit resistancefighter.com.