

CALLISTO ATTRIBUTES

- Unprecedented, broad-spectrum control of the toughest broadleaf weeds in corn with the added benefit of large crabgrass control
- Controls weeds resistant to triazine and ALS-inhibiting herbicides as well as weeds demonstrating increased tolerance or resistance to glyphosate herbicides
- Residual control that lasts throughout the season
- Single low-use rate of 3.0 oz./A – no rate adjustment needed for differing soil types, pH level, corn hybrid or moisture conditions
- Provides growers with the most flexibility
- Widest window of application
- Best-in-class crop safety – widely adopted by seed corn, yellow popcorn and sweet corn producers

Callisto owes its origins 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 Callisto.



Callisto controls the following broadleaf weeds and grasses when applied early post-emergence (combined with 0.25 lb. a.i./A of atrazine)

Weeds Controlled

- Atriplex
- Black Nightshade
- Broadleaf Signalgrass
- Buffalobur
- Canada Thistle
- Carpetweed
- Common Chickweed
- Common Cocklebur
- Common Lambsquarters
- Common Ragweed
- Common Sunflower
- Common Waterhemp
- Eastern Black Nightshade
- Entireleaf Morningglory
- Florida Pusley
- Galinsoga
- Giant Ragweed
- Hairy Nightshade
- Hemp
- Hemp Sesbania
- Horsenettle
- Ivyleaf Morningglory
- Jimsonweed
- Kochia
- Ladysthumb Smartweed
- Large Crabgrass
- Marestalk
- Pale Smartweed
- Palmer Amaranth
- Pennsylvania Smartweed
- Pitted Morningglory
- Powell Amaranth
- Prickly Sida
- Redroot Pigweed
- Smooth Pigweed
- Spiny Amaranth
- Tall Waterhemp
- Tumble Pigweed
- Velvetleaf
- Venice Mallow
- Volunteer Potatoes
- Wild Carrot
- Wild Mustard

Weeds Partially Controlled

- Burcucumber
- Common Pokeweed
- Curly Dock
- Dandelion
- Prostrate Knotweed
- Wild Buckwheat
- Yellow Nutsedge

For more information, visit callisto-herbicide.com, syngentacropprotection.com or contact the Syngenta Customer Center at 1-866-SYNGENTA (866-796-4368). For more information about managing against weed resistance, visit resistancefighter.com.

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Syngenta
Callisto®



**Defining Broadleaf
Weed Management
in Corn**





Callisto® is a post-emergence herbicide designed to tackle the toughest broadleaf weeds in corn and has proven its value to growers year after year, acre by acre. In customer satisfaction surveys, Callisto leads the charts on every meaningful attribute including performance, residual control, flexibility, crop safety and consistency.

PERFORMANCE

Callisto provides unprecedented control of more than 40 broadleaf weeds in corn – including the toughest weeds like lambsquarters, waterhemp, ragweeds and pigweeds – with the added benefit of large crabgrass control.

Powered by mesotrione, a unique mode of action and the foundation of Callisto Plant Technology™, Callisto is an excellent tool for controlling triazine, ALS and glyphosate tolerant or resistant weed biotypes. Callisto is a Resistance Fighter™ brand.



RESIDUAL CONTROL

Callisto controls weeds by both foliar and residual activity. The foliar activity takes care of weeds that are present in the field at application, and the residual activity helps control weeds throughout the season. Field tests show that no other product can match the residual control of Callisto. Even broadleaf species that germinate over an extended period of time, such as waterhemp and giant ragweed, are no match for Callisto.

In either a conventional or glyphosate-tolerant (GT) program, Callisto provides optimum delivery of each corn hybrid's yield potential by minimizing weed competition from application until canopy closure.

FLEXIBILITY

Callisto offers growers flexibility of application timing, tank mix partner and pre-emergence herbicide program, with a consistent low-use rate.

- **Widest window of application.** While the optimum application timing is spike to 4-leaf corn, Callisto may be applied up to 30-inch corn.
 - ~ Adding AAtrex® at 0.25 lb./A enhances the control of morningglory, common ragweed and weeds greater than 5 inches tall. A tank mix with AAtrex must be applied before the corn reaches 12 inches.
- **Single low-use rate.** A full rate of 3.0 oz./A is recommended on all soil types to achieve consistent control of the toughest broadleaf weeds in corn.
- **Tank mix partner of choice.** Callisto can be tank mixed with many different post-emergence grass herbicides for combined grass and broadleaf weed control.
 - ~ In a GT program, Callisto can be tank mixed with glyphosate to provide residual control as well as a second mode of action for glyphosate resistance management.
- **Post-emergence product of choice.** Even competitors recommend Callisto as part of their two-pass program. Bicep II Magnum® and Dual II Magnum® are the proven and best pre-emergence partners to achieve season-long grass and broadleaf weed control.



CROP SAFETY

Herbicide performance is important, but it is crucial that weed control isn't achieved at the cost of crop safety. Callisto offers best-in-class crop safety and has been adopted as the post-emergence product of choice for seed corn, yellow popcorn and sweet corn growers – a strong testament to its efficacy and unmatched crop safety.

YIELD PERFORMANCE

For corn producers, it all comes down to yield. By combining the proven performance of Bicep II Magnum with the consistent control and crop safety of Callisto, growers can achieve higher yields compared to competitive two-pass programs – including programs based on Roundup WeatherMAX®. In trials conducted at universities across the Corn Belt in 2004, Bicep II Magnum followed by Callisto delivered an average yield of 218 bu./A, which was at least two bushels higher and as much as 18 bushels higher than the competitors tested.

