Storage Stability Makes the Difference

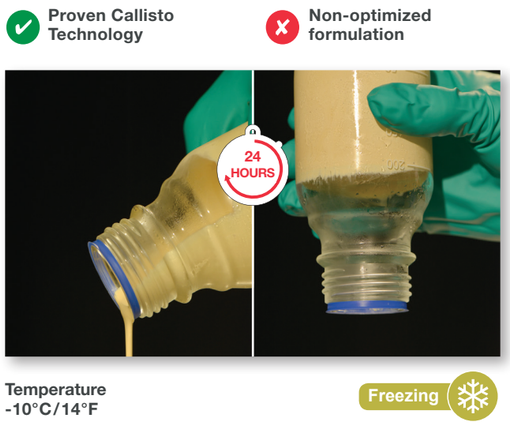
Proven Callisto Technology contains thoroughly tested stabilizing agents to:

- Prevent settling of the active ingredient particles leading to irreversible sedimentation in commercial pack.
- Inhibit clustering of active ingredient particles that leads to blockage of sprayer nozzles.
- Help ensure a consistent weed control by delivering the right amount of active ingredient in the spray tank.
- Help ensure optimal shelf life from one season to the next in all storage conditions.

Cold Stability Makes the Difference

Proven Callisto Technology contains a built-in antifreeze agent to:

- Prevent irreversible frost damage during transport and warehousing.
- Maintain stable formulation properties in all seasonal conditions.
- Allow convenient handling, flexible application and no nozzle blockage.
- Help ensure even spray application during the formulation shelf life.



5. Product support

Even in years with low commodity prices and tighter profit margins, consider the differences between branded and generic crop protection options.

- Research and development (R&D) is an area where value is reflected, and Syngenta invests almost $1.4 billion globally in R&D each year to provide new, improved technologies for growers.
- Branded products from Syngenta are backed by a support system including local sales representatives, field agronomists and a technical support team who can be reached by dialing 1-866-SYNGENTA (796-4368).
- We help ensure your customers get the full value from their corn herbicide.

Don’t let your customers fall victim to generics.

For more information, contact your Syngenta sales representative.

syngenta®

*Syngenta market research

For all the latest corn news from Syngenta, visit SyngentaUS.com/corn. Contact Syngenta Technical Support at 1-866-SYNGENTA (796-4368).

Photos are either the property of Syngenta or used under agreement.

©2016 Syngenta. **Important: Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties. Please check with your local extension service to ensure registration status. Acuron, Callisto Xtra, Lexar, Lexar EZ, Lumax and Lumax EZ are Restricted Use Pesticides.** Acuron®, Callisto®, Halex®, Lexar®, Lumax®, the Proven Callisto® Technology logo, the Alliance Frame, the Purpose Icon and the Syngenta logo are trademarks of a Syngenta Group Company. Bellum™ is a trademark of Rotam. Envy™ and Visor™ are trademarks of Innvictis Crop Care, LLC.

G&S 406.30802-4441 SLC 7864A 04-2016

®

Let's be honest. Generics can't match the step-change in performance of Acuron® or Acuron Flexi corn herbicides, which are powered by the latest herbicidal active ingredient, bicyclopyrone. But generic manufacturers will try to influence farmers by attempting to recreate the industry-leading performance of Lexar® EZ, Lumax® EZ and Halex® GT corn herbicides.

Here are the top five things farmers could lose by gambling on generics.

1. Proven performance

Lexar EZ, Lumax EZ and Halex GT are proven products that farmers have trusted for years.

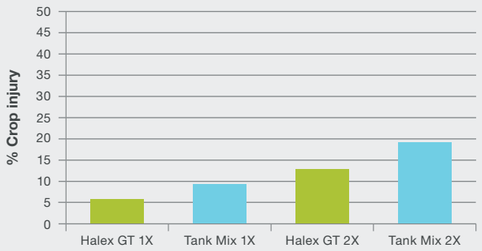
- Lexar EZ and Lumax EZ quickly became the standards for pre-emergence weed control in corn because their three active ingredients helped farmers manage against weed resistance while providing powerful and long-lasting weed control with application flexibility.
- Halex GT is the number one post-emergence herbicide in corn. Nine out of ten farmers who try Halex GT use it again* due to its proven performance and convenience.
- Generic products are unproven in the marketplace, and are short cuts with potential for unpredictable handling, storage, spraying, weed control and crop safety.

2. Crop safety

Lumax EZ, Lexar EZ and Halex GT have a proven crop safety record when used according to the label.

- Mesotrione combined with metolachlor (EC formulation) can cause crop injury, which is one reason why these mixtures are prohibited on the generic mesotrione label.
- How do we know these mixtures will injure corn? Syngenta developed the data and expertise, which led to this restriction on the Callisto® herbicide label, a restriction that was also included on the generic labels.
- It took five years and significant resources to develop the Halex GT formulation, which allows the safe application of mesotrione + *S*-metolachlor + glyphosate that was never before possible from the tank mixture.
- **Additionally, all mesotrione labels prohibit the tank mix application of an EC formulation of a chloroacetamide (e.g. Visor™ herbicide).** This means an application of Bellum™ herbicide + Visor is not approved by the EPA.

Crop tolerance of Halex GT compared to tank mixture



HM S003B4-2007US. All treatments applied with AMS and NIS. 5 trials: IA, IL, IN, MN, TN. Treatments applied to V2-V4 (4-8") corn. Evaluations taken 4-7 days after treatment. Tank mixture of *S*-metolachlor, mesotrione and glyphosate.

A tank mix of *S*-metolachlor, mesotrione and glyphosate is expected to cause about twice the crop response of the Halex GT premix.

This off label tank mix of Bellum (generic mesotrione), Visor (generic *S*-metolachlor), Envy™ Six Max herbicide (generic glyphosate) and atrazine caused crop injury in Greenwood, MS. 2016.

3. Convenience

Lexar EZ, Lumax EZ and Halex GT each contain three proven active ingredients in one convenient premix.

- To attempt to recreate these products, a farmer would have to purchase and mix three separate chemicals (plus other products if desired).
- In addition to inconvenience, there is the added risk of tank mix compatibility when combining multiple products into an untested tank mixture.

4. Formulation expertise

We've put more than 15 years, 4,000 trials and significant resources behind our herbicide formulation technology development. Our dedicated staff of formulation chemists are experts who focus on creating and supporting the Syngenta corn herbicide lineup. Proven Callisto Technology is thoroughly tested in the lab and under real-use conditions.

Optimized Particle Size Makes the Difference

Proven Callisto Technology contains active ingredients with optimized and uniform particle size to:

- Prevent spray nozzles from clogging during application operations.
- Help ensure safe handling by avoiding unnecessary operator exposure.
- Help ensure a consistent and optimum weed control by delivering an even distribution of active ingredient in the field.
- Maximize active ingredient penetration into the treated weeds for post-emergence applications.

✔ **Proven Callisto Technology** ✘ **Non-optimized formulation**

15 minutes spraying time

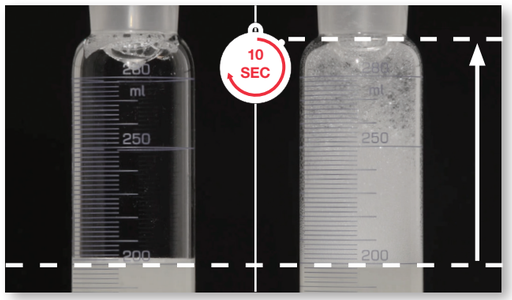
Clogging **Phasing**

Foam Control Makes the Difference

Proven Callisto Technology contains an optimum antifoam agent to:

- Control foam formation during tank filling and application operations.
- Help prevent inaccurate spray volume measurements, costly delays and active ingredient loss due to excessive foaming.
- Help avoid environmental contamination in case foam overflows from the tank.

✔ **Proven Callisto Technology** ✘ **Non-optimized formulation**



0% foam **30% foam** **Foaming**

syngenta®