

TECHNICAL EDUCATION FAQ

A flexible solution for early postemergence weed control

Katagon™ herbicide is a postemergence weed control tool designed to give growers the flexibility and freedom to manage emerged weeds across different types of field corn.

The following are Frequently Asked Questions about Katagon and its unique post-emergence premix formulation. To learn more about Katagon, go to discoverhelm.com.

What is Katagon?

Katagon is a novel postemergence premix herbicide for control of emerged broadleaf and grass weeds in field corn. Enhanced weed control can be achieved with the addition of atrazine.

With built-in resistance management from two powerful sites of action, Katagon delivers top-performing weed control that is safe on corn and with broad application flexibility in a low use rate formulation.

What crops can Katagon be used on?

Katagon is labeled for use in field corn grown for grain, silage and seed, that are herbicide-resistant, conventional or non-GMO hybrids.

What is the mode of action in Katagon?

Katagon is a co-formulation of the active ingredients tolpyralate and nicosulfuron. Tolpyralate is an HPPD inhibitor and classified as a Group 27 herbicide. Nicosulfuron is an ALS inhibitor herbicide with a Group 2 classification.

When should Katagon be applied?

Katagon is to be used early to mid-season as a post treatment. It can be applied alone or in combination with other approved active ingredients, but is most recommended for use with atrazine. Katagon has a wide application window extending from V1 corn growth stage up to 20-inch tall corn or V5, whichever is most restrictive. When used in a tank mix with atrazine, time of application must occur before corn reaches 12-inches in height.

Corn growers will be encouraged to use Katagon as part of a two-pass sequential weed control program to ensure three or more sites of action are used within a single growing season, and in accordance with university recommendations and industry standards for best practices in herbicide resistance management.

What is the use rate for Katagon?

Katagon has a label use rate of 2.3 to 3.4 fluid ounces per acre. To enhance weed control spectrum and residual activity, HELM recommends using Katagon in a tank mixture that includes at least 0.5 pounds of atrazine per acre¹.

What is the maximum amount of Katagon that can be applied in one year?

The annual use rate of Katagon is not to exceed 6.8 fluid ounces per acre. Within a 365 day period, do not apply more than 0.07 pound active ingredient of tolpyralate and no more than 0.062 pound active ingredient of nicosulfuron.

In a tank mix with Katagon, the maximum single application rate for atrazine is 2.0 pounds per acre. Do not exceed 2.5 pounds of atrazine per acre per year.

Does Katagon need to be used with an adjuvant?

Yes. Use of a methylated seed oil (MSO) is most recommended for consistent performance over a broad range of agronomic conditions. Crop oil concentrate (COC) can be used when crop injury (with MSO) is a concern.



How does Katagon perform on resistant weed species?

In product development trials, Katagon has demonstrated high performance ratings for the control of emerged broadleaves and grasses including biotypes resistant to glyphosate, PPO, triazine and ALS.

How safe is Katagon on corn?

Katagon's unique co-formulation allows for use in field corn and diverse environmental conditions. In test trials, field and seed corn have shown no signs of sensitivity or injury to Katagon when used according to label guidelines.

What weeds does Katagon control?

Katagon will control or suppress a number of hard-to-control driver weeds including:

Broadleaf Weeds

Amaranth, palmer	Pigweed, redroot	Velvetleaf
Lambsquarters, common	Ragweed, common	Venice, mallow
Morningglory, ivyleaf	Ragweed, giant	Waterhemp

Grass Weeds

Barnyardgrass	Foxtail, green
Crabgrass, large	Foxtail, yellow
Foxtail, giant	Sorghum

What are Katagon's crop rotation restrictions?

- Immediate:** Corn (field, seed)
- 4 months:** Winter cereals (barley, oats, rye, wheat)
- 8 month:** Spring cereals (barley, oats, rye, wheat)
- 9 months:** Soybeans

Katagon has fewer limitations than other Group 27 herbicides for rotating from corn to soybeans the following season.

What is the formulation of Katagon?

Katagon is formulated as an oil dispersion containing one pound of tolpyralate per gallon of active ingredient and one pound of nicosulfuron per gallon of active ingredient. Katagon's low use rate provides greater cost savings while reducing container size, application rates, labor and transportation expenses.

Who developed Katagon?

Katagon was developed by Ishihara Sangyo Kaisha, Ltd. Earlier this year, HELM Agro US and ISK Biosciences Corporation, the U.S. subsidiary of Ishihara Sangyo Kaisha, Ltd., agreed to collaborate regarding the distribution of Katagon herbicide for the U.S. crop protection market.

When will Katagon be available for commercial use?

Katagon has received registration approval from the U.S. Environmental Protection Agency and is available for use in field corn grown for grain, silage and seed, that are herbicide-resistant, conventional or non-GMO hybrids.

¹ In a tank mix with Katagon, the maximum single application rate for atrazine is 2.0 pounds per acre. Do not exceed 2.5 pounds of atrazine per acre per year.



For more information, visit discoverhelm.com.

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