



syngenta®

Technical Guidelines

Halex® GT herbicide is the first one-pass, post-emergence herbicide for glyphosate-tolerant corn that offers Glyphosate with Residual™.

Application Guidelines

- Rate: 3.6-4.0 pts./A. Applying Halex GT at rates less than 3.6 pts./A may result in reduced contact and residual weed control. It will also increase the risk of the development of resistant weed biotypes.
- Halex GT can be applied to glyphosate-tolerant (e.g. Agrisure® GT, Roundup Ready®) corn only. An application of Halex GT to a corn hybrid that is not glyphosate-tolerant will result in crop death.
- When glyphosate-tolerant corn is grown under no-till conditions, control all emerged weeds at the time of corn planting with a Touchdown® brand or Gramoxone Inteon® herbicide program*. Following a burndown weed control application and after corn emergence, Halex GT can be applied.
- Do not apply more than 4.0 pts./A of Halex GT per growing season.
- Halex GT must be applied with NIS at 1.0-2.0 qts./100 gallons (0.25-0.5% v/v). The use of MSO and COC are not recommended. Special attention must be paid to adjuvant use and/or selection. See the federal label for details.
- In addition to NIS, AMS is also recommended. The use of UAN with Halex GT is not recommended.
- Apply in water only at a spray volume of 10-30 gals./A post-emergence.
- Pressure at nozzle should be sufficient to ensure good distribution in the spray pattern.
- Use appropriate nozzles and 50-mesh or coarser screens, if needed.
- Maintain agitation to ensure mixture is suspended in the spray tank.
- If agitation is stopped for more than five minutes, re-suspend the spray solution by running on full agitation prior to spraying.

AAtrex® Tank Mixtures

- If weeds are greater than four inches in height or resistant or suspected to be resistant to glyphosate, add AAtrex® 4L at a rate of 0.5-4.0 pts./A or AAtrex® Nine-O™ at a rate of 0.28-2.22 lbs./A.
- Do not exceed more than 2.0 lbs. a.i./A of atrazine for any single application.
- The total pounds of atrazine must not exceed 2.5 lbs. a.i./A per year.

Application Restrictions

- Do not apply Halex GT through any type of irrigation system.
- Do not apply when conditions may cause drift to non-target areas.
- Do not use aerial application to apply Halex GT.
- Do not apply Halex GT to ground that has been or will be treated with Callisto®, Laudis® or Impact® in the same season.

*To better manage glyphosate resistance, Syngenta recommends the use of Gramoxone Inteon for burndown of emerged weeds at the time of planting.

Insecticide Restrictions

- Do not apply to emerged corn treated with Counter®, Lorsban® or other organophosphate (OP) containing insecticides, as severe corn injury may occur.
- Do not apply Halex GT to emerged corn in tank mixture with, or within seven days before or after application of, any OP or carbamate insecticides.
- Halex GT may be applied with pyrethroid insecticides such as Warrior II with Zeon Technology® insecticide.

Application Timing

- Post-emergence – Halex GT may be applied from corn emergence up to 30 inches in height or the 8-leaf stage of corn growth.
- For the best protection of corn yield potential, apply when weeds are less than 4 inches in height, length or diameter.
- If an activating rain (0.25 inches) is not received within 7-10 days after the post-emergence application, residual weed control will be reduced.

Rotational Crops

- All types of corn and Concep® III-treated grain sorghum may be replanted immediately.
- Barley, oats, rye and wheat may be planted 120 days after application.
- Alfalfa, canola, cotton, flax, grasses grown for seed, peanuts, potatoes, sunflowers, soybeans and tobacco can be planted back the following season but not less than 10 months after the last application of Halex GT.
- Cucurbits, dry beans, peas, red clover, snap beans, sugar beets and all other rotational crops may be replanted 18 months after application of Halex GT.
- If Halex GT is applied sequentially or in a tank mix with other herbicides, refer to all other herbicide labels and follow the most restrictive guidelines.

PPE and Re-entry Interval

- Applicators and other handlers must wear: coveralls over short-sleeved shirt and short pants, chemical-resistant gloves, chemical-resistant footwear plus socks, chemical-resistant headgear for overhead exposure and chemical-resistant apron when cleaning equipment, mixing or loading.
- Restricted entry interval: 24 hours.
- PPE for Early Entry: coveralls over short-sleeved shirt and short pants, chemical-resistant gloves, chemical-resistant footwear plus socks and chemical-resistant headgear for overhead exposures.

Formulation

Halex GT comprises three highly effective products that are proven performers in the marketplace.

Rate of Halex GT	Callisto	Touchdown HiTech®	Dual Magnum®
3.6 pts./A	3.0 oz (=1.5oz mesotrione)	24 oz	1.0 pt
4.0 pts./A	3.3 oz	27 oz	1.1 pts.

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.



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.

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