

Kyro™

HERBICIDE

Novel formulation

with strong post weed control, greater versatility & excellent crop safety

Kyro™ herbicide is a novel post-emergence solution that provides powerful control of more than 60 of the toughest broadleaf and grass weeds in cornfields.

Kyro is a new premix solution with three effective modes of action for both post-emergence and residual control on broadleaf and grass weeds. In addition to strong broad-spectrum weed control, Kyro will offer farmers versatility to fit a wide variety of agronomic programs. Farmers will be able to apply Kyro up to 24-inch tall corn, giving them application timing flexibility and making it a perfect fit for a two-pass program. Plus, farmers will have the flexibility to apply Kyro on several different types of corn. The excellent crop safety in Kyro will help optimize yield potential, while still delivering outstanding tank-mix compatibility and additional handling attributes.

Features

- 3 modes of action – acetochlor (Group 15), topramezone (Group 27), clopyralid (Group 4) – for control of the toughest weeds
- Versatility from emergence up to 24-inch tall corn
- Industry leading grass-control, offering both post-emergence & residual activity on tough grasses
- A fit for a wide variety of different types of corn: Glyphosate Tolerant, Non-GMO, Seed and Popcorn
- Encapsulated acetochlor for excellent crop safety
- Great handling and tank-mix compatibility with fungicides, insecticides and micro-nutrients
- Tank-mix flexibility with glyphosate, atrazine and other corn herbicides for greater weed control

Benefits

- Both post-emergence and residual control on tough broadleaf and grass weeds for cleaner fields
- Control of more than 60 broadleaf weeds and grasses, including Palmer amaranth, waterhemp, marehail and giant ragweed
- Another tool, outside of glyphosate and ALS herbicides, to fight against tough grasses like barnyardgrass, fall panicum and woolly cupgrass
- Fits perfectly into a two-pass herbicide program with other Corteva Agriscience™ corn herbicides such as, FulTime® NXT, Keystone® NXT, Keystone® LA NXT, SureStart® II and Surpass® NXT herbicides
- Excellent crop safety leads to healthier corn and higher yield potential
- Wide window of application to help navigate challenging weather conditions

Application recommendations

Application rate: 35–60 fl oz/A

Spray volume applications:

Post-emergence: 10–30 gal/A

Proposed application timing:

Emergence up to 24-inch tall corn

- For use on field corn, field seed corn, field silage corn and popcorn.
- To maximize performance of Kyro herbicide, consider adding atrazine and glyphosate as tank-mix partners
- DO NOT make more than 1 application of Kyro per season
- DO NOT exceed 60 fl oz/A of Kyro herbicide per season

Crop rotation interval

Crop	Rotation interval (months)		
	Kyro Use Rates		
	≤ 35 fl oz/A	≤ 45 fl oz/A	≤ 60 fl oz/A
Corn: field, seed, silage, and popcorn (all types)	Anytime ¹	Anytime ¹	Anytime ¹
Wheat	4	4	4
Alfalfa ² , barley, oats, rice, rye, sorghum ³ , soybean ⁴ , sunflower ⁴	10.5 ⁵	10.5	10.5
Cotton	12	12	12
Sugar beet ⁶	10.5	10.5	18 ⁷
All other rotational crops	18	18	18

¹ Do not make a second application of Kyro if the original corn crop is lost.

² **ID, NV, OR, UT, and WA:** 12 months, areas receiving greater than 18 inches of annual rainfall, excluding irrigation; 18 months, areas receiving less than 18 inches of annual rainfall, excluding irrigation. **All other states:** 10.5 months.

³ **ID, NV, OR, UT and WA:** 12 months. **All other states:** 10.5 months.

⁴ **FL:** 18 months. **ID, NV, OR, UT, and WA:** 12 months, areas receiving greater than 18 inches of annual rainfall, excluding irrigation; 18 months, areas receiving less than 18 inches of annual rainfall, excluding irrigation. **All other states:** 10.5 months for soils greater than 2% organic matter AND rainfall more than 15 inches during 12 months following applications; 18 months for soils less than 2% organic matter and rainfall less than 15 inches during 12 months following applications.

⁵ In the High Plains and Intermountain areas of the West, where rainfall is sparse and erratic or where irrigation is required, use Kyro only when corn or sorghum is to follow field corn, or a crop of untreated corn or sorghum is to precede other rotational crops.

⁶ **CO, MI, MN, MT, NE (Panhandle counties), ND, SD, WI, and WY:** 18 months.

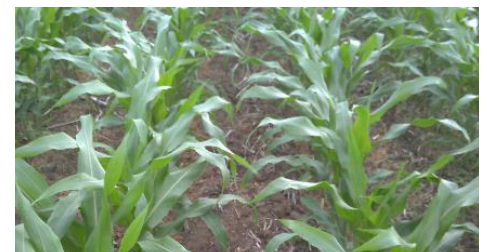
⁷ **ID, OR and WA:** 10.5 months.



Kyro at 35 fl oz/A + Durango® DMA® herbicide 1 qt/A + atrazine 1qt/A + NIS 0.25% v/v
22 days after application (Missouri)



Kyro 45 fl oz/A + Durango DMA 1 qt/A + atrazine 1 qt/A + NIS 0.25% v/v
14 days after application (Iowa)



Kyro at 60 fl oz/A + Durango DMA 1 qt/A + atrazine 1 qt/A + NIS 0.25% v/v
14 days after application (Iowa)

Grasses and Broadleaf Weeds Controlled or Partially Controlled by Post-emergence Applications of Kyro

C - Controlled PC - Partially Controlled X = no control

Grasses	Post-emergence Control		Residual Control
	45 fl oz/A ≤ 3" height	60 fl oz/A ≤ 4" height	
Barnyardgrass	C ¹	C	C
Crabgrass, large	C ¹	C ¹	C
Crabgrass, smooth	C ¹	C	C
Cupgrass, prairie	X	X	C
Cupgrass, southwestern	X	X	C
Cupgrass, woolly	PC	C	PC
Crowfootgrass	X	X	C
Foxtail, giant	C	C	C
Foxtail, green	C ¹	C	C
Foxtail, yellow	PC	C ^{1,2}	C
Goosegrass	C	C	C
Johnsongrass (seedling)	PC	C	PC

*A minimum use rate of 45 fl oz/A of Kyro is required for grass weeds listed as C=Control. When rates below 45 fl oz/A are applied, a tank mixture of Kyro + glyphosate is recommended in glyphosate-tolerant corn.

Grasses	Post-emergence Control		Residual Control
	45 fl oz/A ≤ 3" height	60 fl oz/A ≤ 4" height	
Millet, foxtail	X	X	PC
Millet, wild proso	C	C	PC
Oats, wild	X	X	PC
Panicum, browntop	X	X	C
Panicum, fall	PC	C ^{1,2}	C
Panicum, Texas	PC	PC	PC
Rice, red	X	X	PC
Sandbur, field	X	PC	PC
Shattercane	PC	PC	PC
Signalgrass, broadleaf	PC	C ^{1,2}	PC
Witchgrass	X	X	C

¹ The addition of atrazine at a minimum of 0.5 lb active ingredient/A is required for control.
² Apply before grass exceeds 3 inches in height.

Broadleaves	Post-emergence Control			Residual Control
	35 fl oz/A ≤ 4" height	45 fl oz/A ≤ 4" height	60 fl oz/A ≤ 6" height	
Amaranth, Palmer	C	C	C	C
Amaranth, Powell	C	C	C	C
Alfalfa, volunteer (seedling)	PC	C	C	X
Beans, volunteer	C	C	C	X
Beggarweed, Florida	X	X	X	C
Bindweed, field	X	PC	PC	X
Buckwheat, wild	X	X	C ⁴	X
Buffalobur	X	PC ⁴	PC ⁴	X
Burcucumber	C	C ^{4,5}	C ⁴	X
Carpetweed	C	C	C	C
Canola, volunteer	C	C	C	X
Chickweed, common	C	C	C	X
Clover species	C	C	C	C
Cocklebur, common	C	C	C	X
Dandelion, common	X	PC	PC	X
Devil's-claw	C ^{4,5}	C ^{4,5}	C ⁴	X
Dock, curly	X	X	PC	X
Galinsoga, hairy	C	C	C	X
Henbit	C	C	C	C
Horseweed (marestail)	C ⁴	C ⁴	C ⁴	X
Jimsonweed	C	C	C	PC
Kochia	C ⁴	C ⁴	C ⁴	PC
Lambsquarters, common	C	C	C	PC
Lentils, volunteer	C	C	C	C
Lettuce, prickly	C ⁵	C	C	X
Mallow, common	C ^{4,5}	C ^{4,5}	C ^{4,5}	X
Mallow, Venice	C ^{4,5}	C ^{4,6}	C ^{4,6}	X

⁴ The addition of atrazine at a minimum of 0.5 lb active ingredient/A is required for control.
⁵ Apply before weed exceeds 2 inches in height.
⁶ Apply before weed exceeds 3 inches in height.

Broadleaves	Post-emergence Control			Residual Control
	35 fl oz/A ≤ 4" height	45 fl oz/A ≤ 4" height	60 fl oz/A ≤ 6" height	
Morningglory spp.	C ^{4,5}	C ^{4,5}	C ^{4,5}	X
Mustard, wild	C	C	C	X
Nightshade, black	C	C	C	C
Nightshade, eastern black	C	C	C	C
Nightshade, hairy	C	C	C	C
Peas, volunteer	C	C	C	C
Pigweed, prostrate	C	C	C	C
Pigweed, redroot	C	C	C	C
Pigweed, smooth	C	C	C	C
Pigweed, tumble	C ⁵	C	C	C
Purslane, common	PC ⁵	PC ⁵	C ⁴	C
Pusley, Florida	C ⁵	C ⁵	C	C
Ragweed, common	C	C	C	PC
Ragweed, giant	C	C	C	X
Shepherd's-purse	C ⁵	C	C	X
Sicklepod	PC ⁴	PC ⁴	PC ⁴	PC ⁴
Sida, prickly	C ^{4,5}	C ^{4,5}	C ⁴	PC
Smartweed, ladythumb	C ^{4,5}	C ^{4,6}	C ^{4,6}	PC
Smartweed, Pennsylvania	C ^{4,5}	C ^{4,6}	C ^{4,6}	PC
Soybean, volunteer	C	C	C	C
Sunflower, common	C	C	C	X
Sunflower, volunteer	C	C	C	X
Thistle, Canada	C	C	C	X
Thistle, Russian	C ⁵	C	C	X
Velvetleaf	C	C	C	PC
Waterhemp, common	C	C	C	C
Waterhemp, tall	C	C	C	C

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Atrazine, FullTime® NXT, Keystone® NXT and Keystone® LA NXT herbicides are restricted use pesticides.

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Not all products are registered for sale or use in all states. FullTime NXT, Keystone NXT, Keystone LA NXT, Kyro™, Resicore®, SureStart® II and Surpass® NXT herbicides are not available for sale, distribution or use in Nassau and Suffolk counties in the state of New York. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. Always read and follow label directions. ©2022 Corteva. CA45-438-029 COR (11/22)

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