

Quelex[®]

ADVANCED BROADLEAF WEED CONTROL

HERBICIDE

ARYLEX[™] ACTIVE

Quelex[®] herbicide combines a new active ingredient, Arylex[™] Active, with florasulam to provide advanced broadleaf weed control giving wheat growers complete performance.

Noteworthy Features

- Includes two modes of action, including the new active, Arylex[™] Active, making Quelex[®] another tool to help growers fight weed resistance
- Provides advanced control of a wide spectrum of troublesome broadleaf weeds; including chickweed, henbit, and mustard at a price and ease of use to fit today's cropping practices
- Delivers a superior 3-month crop rotation interval to soybeans, cotton and field corn
- Brings the ability to apply in both warm and cold temperatures
- Favorable environmental and toxicological profile

Table 1. Weeds Controlled and Suppressed

Weeds Controlled	
buckwheat, wild	horseweed (marestail)
canola, volunteer ¹	lambquarters, common
chamomile, corn	London rocket
chamomile, false (scentless)	mustard, black
chamomile, mayweed (dogfennel)	mustard, blue (purple)
chamomile, wild	mustard, tansy
chickweed, common	mustard, treacle (bushy wallflower)
cleavers	mustard, tumble (Jim Hill)
flixweed	mustard, wild
flax, volunteer	pennycress, field
fumitory	pigweed, redroot
geranium, Carolina	sheperdspurse
hempenettle, common	smartweed (green, ladysthumb, Pennsylvania)
henbit	vetch, hairy
Weeds Suppressed ²	
bindweed, field	sunflower, common
dandelion	sowthistle, annual
kochia	sowthistle, perennial
lettuce, prickly	thistle, Canada

¹ Including herbicide-tolerant canola varieties except Clearfield (imidazolinone-tolerant) canola.

² Suppression is expressed as a reduction in weed competition (reduced population or vigor) as compared to untreated areas. The degree of weed control and duration of effect may vary with weed size, density, application rate, coverage, and growing conditions before, during and after treatment



(Left to Right) Chickweed, Henbit, and Wild Mustard weeds

QUELEX® HERBICIDE

Application Recommendations

- Application rate: 0.75 oz/acre
- Application timing: from 2-leaf to flag leaf emergence stage to actively growing wheat (including spring, winter and durum), barley and triticale
- For best results Quelex® herbicide should be applied when weeds are growing in the 2 to 4 leaf stage or less than 4 inches tall
- Quelex herbicide efficacy is optimized when sprayed with an adjuvant

Restrictions

- Preharvest Interval: Do not apply within 60 days of crop harvest
- Do not apply more than 0.75 ounces of Quelex herbicide per acre per growing season
- Livestock may be grazed on treated crops 7 days following application
- Do not apply closer than 21 days before cutting of hay

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material

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Active Ingredient	Mode of Action	Site of Action
Arylex™ Active	Synthetic auxin mechanism	Group 4
Florasulam	ALS inhibitor	Group 2

Table Two. Proposed Crop Rotation Intervals*

The following are expected rotational intervals following the application of Quelex® Herbicide

Crop	Rotation Interval† (Months)
barley, wheat, triticale	0
oat, field corn, cotton, popcorn, seed corn, sweet corn, millet, rye, sorghum, grasses, soybean, sunflower	3
canola* (fall seeded)	5
alfalfa, camelina, canola* (spring seeded), chickpea, dry bean, peas (dry and succulent), flax, mustard, peanut, safflower	9
other crops not listed	15

† Minimum number of months that must pass before planting other crops after application of Quelex herbicide

*Testing being conducted to reduce rotational intervals for Canola