



ADAMA

# LEOPARD®

Who says quizalofop can't change its spots?  
Introducing ADAMA's grassy weed control  
solution for hard-to-kill  
grassy weed in soybeans, dry beans,  
canola, flax and forage crops.



GROUP 1

## Active Ingredient

Quizalofop-P-ethyl  
100 g/L = EC

## Packaging

Case: 2 x 7.8 L

## Application Rates & Acres Treated

Rate: 150 – 290 ml/ac  
(standard rate: 195 ml/ac)

Acres Treated: 30 – 50 ac/jug  
(standard rate: 40 ac/jug)

## Water Volume

Ground: 40 L/ac (10 US gal/ac)

Aerial: 10 L/ac (2.5 US gal/ac)

## Rainfastness

1 hour

## KEY BENEFITS

- Flexible tank-mix options
- One solution for grassy weed control in multiple crops, including soybeans, dry beans, canola, flax and more.
- Controls hard-to-kill winter annual and perennial grasses

## REGISTERED AND SUPPORTED TANK MIXES

- Basagran®
- Glufosinate
- PHANTOM® 240 SL

## SUPPORTED ADJUVANTS

LEOPARD® requires an adjuvant such as:

- Merge® at 5–10 litres per 1000 litres of spray solution
- Sure-Mix™ at 0.5% (0.5 litres per 100 litres of spray solution)
- LI 700® at 0.25–0.5% v/v
- Liberate™ adjuvant at 0.5% v/v
- Other non-ionic or methylated seed-oil adjuvants



# LEOPARD®

## Field Test Results

### Summary

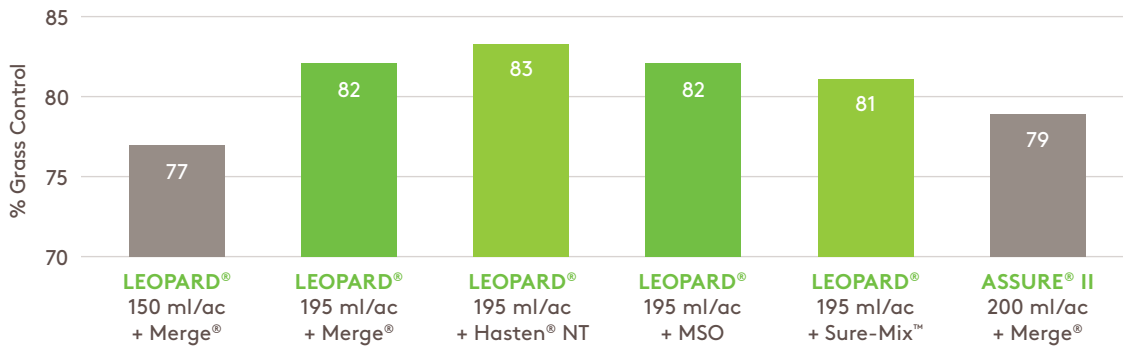
- After totaling the results for nine trials with 17 grassy weed evaluations, it was clear that LEOPARD® had very consistent results with the multiple adjuvants tested, giving users options in-season.
- In comparison with Assure® II, LEOPARD®, at the 195 ml/ac rate, consistently showed equal or slightly better results.
- These trials also showed the higher rate of 195 ml/ac would be our recommendation in most cases.

### About

The grassy weeds evaluated in the nine trials included:

- Barnyard grass
- Crabgrass
- Downy brome
- Green foxtail
- Yellow foxtail
- Japanese brome
- Quackgrass
- Wild oats

### 2019 FIELD TRIALS



All adjuvants were applied at 0.5% v/v



## HOW IT WORKS

LEOPARD® is a selective post-emergent herbicide for the control of annual and perennial grasses. LEOPARD® is a systemic herbicide which is rapidly absorbed and readily translocated from the treated foliage to the root systems and growing points of the plant. Treated plants show a reduction in growth and a loss of competitiveness. An early yellowing or browning of the younger plant tissues is followed by a progressive collapse of the remaining foliage. These symptoms will generally be observed in 1–3 weeks depending on the grass species treated and the environmental conditions. This product does not control sedges or broadleaf weeds.

Registered Crops	Key Weeds Controlled by LEOPARD®		
	Grass Species	Leaf Stage	Rates
Alfalfa (for seed) Alsike clover (for seed) Beans (dry and snap) Canola Chickpeas Creeping red fescue (for seed) Curcubit vegetables Peas (field and processing) Flax	Green foxtail, Volunteer cereals (wheat, barley, oats)	2 to early tillering	150 ml/ac
	Wild oats	1–5	
	Volunteer corn	2–6	
Hemp (grown for fibre, seed and oil) Seedling legumes (for seed) Lentils Mustard (oriental, yellow and brown) Sweet white lupins Red clover (for seed) Soybeans Sugarbeets Lima, Adzuki beans and Mung beans (Ontario) Rutabagas (Ontario and Quebec)	Barnyard grass, Fall panicum, Yellow foxtail, Proso millet, Witch grass	2–early tillering	195 ml/ac
	Wild oats	1–5 + 2 tillers	
	Downy brome, Japanese brome	2–5	
	Foxtail barley	2–4 + 3 tillers	
	Quackgrass (suppression)	2–6	
	Quackgrass (control)	2–6	290 ml/ac

## CROP STAGING

- Most crops are tolerant at all stages, so target applications at the optimal weed stage.
- Always adhere to the pre-harvest interval for each crop.



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## MIXING INSTRUCTIONS

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank ½ full with clean water. Start agitation system.
3. If tank-mixing LEOPARD® with another pesticide and/or adjuvant, use the following sequence:
  - a. Water conditioning agents
  - b. Wettable powders (WP)
  - c. Water dispersible granules (WDG)
  - d. Suspension concentrates (SC) or flowables
  - e. Emulsifiable concentrates (EC) or oil-based products (LEOPARD®)
  - f. Surfactants (NIS, COC, MSO)
4. Ensure that the herbicide is completely mixed before proceeding to the next step.
5. Add the rest of the required water to the tank. Mix well before applying to the crop.
6. On repeat tank loads, ensure that the amount of spray solution left in the tank from the previous load is less than 10% of volume about to be mixed.

NOTE: Do not mix, load or clean spray equipment where there is a potential to contaminate wells or aquatic systems.

## CROP ROTATIONS

No restrictions

## PRE-HARVEST INTERVALS

- Beans (dry and snap), Clover (red and alsike), Curcubits, Faba beans, Sweet white lupins, Rutabagas: 30 days
- Sugarbeets: 60–80 days
- Canola: 64 days
- Lentils, Peas, Small red beans: 65 days
- Industrial hemp: 73 days
- Soybeans: 80 days
- Flax: 82 days
- Chickpeas: 85 days

## GRAZING RESTRICTIONS

Do not cut treated crops for hay.

## STORAGE

Do not freeze.

## Quick Tips

- Apply to wild oats before tillering for best results.
- Use the higher adjuvant rate when targeting quackgrass or wild oats, or when conditions are not conducive to good growth.



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Always read and follow label directions.  
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