



ADAMA

LEOPARD®

Who says quizalofop can't change its spots?
Introducing ADAMA's new grass control product
to control hard to kill grassy weeds in canola, pulses,
dry beans, flax, soybeans and forage crops.



Active Ingredient

Quizalofop-P-ethyl
100 g/L

Chemistry Groups

Group 1

Packaging

2 x 7.8 L case treats
80 acres (adjuvant
required but not
packaged with)

KEY BENEFITS:

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

SUPPORTED TANK MIXES:

- DAVAI® 80 SL
- PHANTOM® 240 SL
- PYTHON™
- QUASAR™
- Basagran®
- Liberty®

LEOPARD®

Field Test Results

Summary

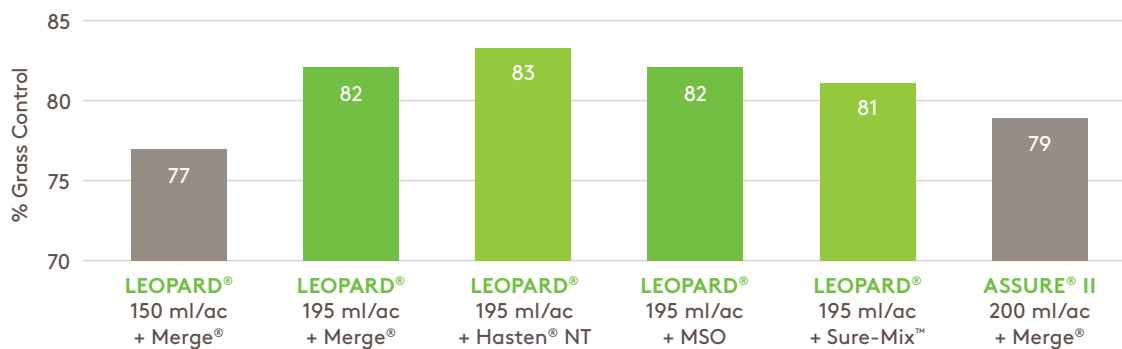
- After totaling the results for 9 trials with 17 grassy weed evaluations, it was clear that LEOPARD® had very consistent results with the multiple adjuvants tested, giving users options in season.
- In comparison with Assure® II, LEOPARD® at the 195 ml/ac rate consistently showed equal or slightly better 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 9 trials included:

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

2019 FIELD TRIALS



All adjuvants were applied at 0.5% v/v

HOW IT WORKS:

LEOPARD® is a selective postemergence 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 one to three 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, seed Alsike clover (for seed) Beans (dry & snap) Canola Chickpeas Creeping red fescue (for seed) Curcubit vegetables Peas (field & processing) Flax Hemp (grown for fibre, seed & oil) Seedling legumes (for seed) Lentils Mustard (oriental, yellow & brown) Narrow leaf lupin Red clover (for seed) Soybeans Sugarbeets Lima, Adzuki beans & Mung beans (Ontario) Rutabagas (Ontario & Quebec)	Green foxtail, Volunteer cereals (wheat, barley, oats)	2-early tillering	150 ml/ac
	Wild oats	1-5	
	Volunteer corn	2-6	
	Barnyard grass, Fall panicum, Yellow foxtail, Proso millet, Old 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	
	Quack grass (suppression)	2-6	
	Quack grass (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

WATER VOLUME:

- 40 L/ac or 10 gal/ac for ground application
- 10 L/ac or 2.5 gal/ac for aerial application

RAINFASTNESS:

1 hour

SUPPORTED ADJUVANTS:

LEOPARD® requires an adjuvant such as:

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

LEOPARD®

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. Dry 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.

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.

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:

- Faba beans, Narrow leaf lupin, Clover (red & alsike), Beans (dry & snap), Curcubits, 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 quack grass or wild oats, or when conditions are not conducive to good growth.



Always read and follow label directions.
Toll-free: 1.855.264.6262
Website: ADAMA.COM/CANADA

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