



ADAMA

LEOPARD®

ADAMA's graminicide for hard-to-control clumping grass and volunteer cereals in canola, pulses, drybeans, flax, soybeans and forage crops.



GROUP 1

Active Ingredient:

Quizalofop-P-ethyl 100 g/L = EC

Application Rates and Acres Treated:

Rate: 150 – 290 ml/ac;
standard rate 195 ml/ac

Acres Treated: 30 – 50 ac/jug;
standard 40 ac/jug

Packaging:

Case: 2 x 7.8 L jugs

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 canola, pulses, soybeans, flax and more
- Controls hard to kill winter annual and perennial grasses

SUPPORTED TANK MIXES:

- Ally®
- Basagran®
- Glufosinate
- DAVAI® 80 SL
- Glyphosate
- PHANTOM® 240 SL
- PYTHON™
- QUASAR®



LEOPARD®

Field Test Results

Summary

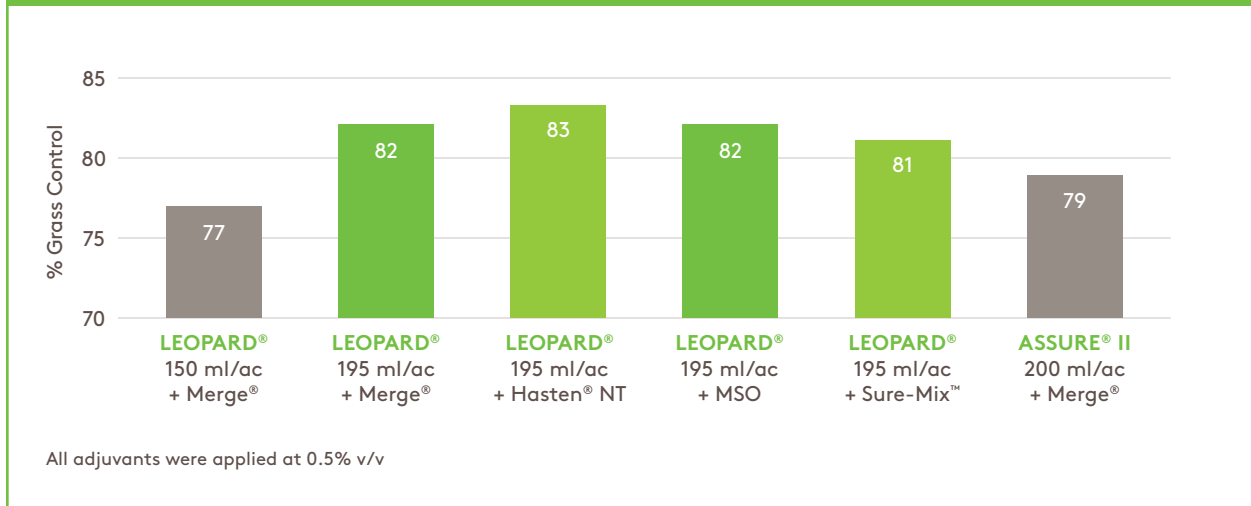
- After totaling the results for 9 trials with 17 grassy weed evaluations, it was clear that LEOPARD® had very consistent results with the multiple adjuvants tested, giving users options in season.
- In comparison with Assure® II, LEOPARD® at the 195 ml/ac rate consistently showed equal or slightly better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



Trial yield data is compiled from sites located across Western Canada.



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			
Beans (dry & snap)			
Canola	Green foxtail, Volunteer cereals (wheat, barley, oats)	2 – early tillering	150 ml/ac
Chickpeas	Wild oats	1 – 5	
Peas (field & processing)	Volunteer corn	2 – 6	
Flax			
Hemp (grown for fibre, seed & oil)	Barnyard grass, Yellow foxtail, Proso millet, Old witch grass	2 – early tillering	195 ml/ac
Lentils	Wild oats	1 – 5 + 2 tillers	
Mustard (oriental, yellow & brown)	Downy brome, Japanese brome	2 – 5	
Soybeans	Foxtail barley	2 – 4 + 3 tillers	
	Quack grass (suppression)	2 – 6	290 ml/ac
	Quack grass (control)	2 – 6	

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

ADJUVANT RATES:

LEOPARD® is not packaged with but requires an adjuvant such as:

- Merge® @ 0.5 – 1.0% v/v
- LI 700® @ 0.25 – 0.5% v/v
- Liberate™ @ 0.5% v/v
- Or 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 water. Start agitation.
3. If tank mixing LEOPARD® with another pesticide, add tank-mix partner followed by adjuvant.
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.

*When mixing with glufosinate: Glufosinate + LEOPARD® + Surfactant
When mixing with glyphosate: Glyphosate + LEOPARD® + Surfactant

CROP ROTATIONS:

No restrictions.

PRE-HARVEST INTERVALS:

- Fabas beans, Clover (red & alsike), Beans (dry & snap): 30 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.
- LEOPARD® is safe on the crop at all stages, rates are dependent on weed stages.



ADAMA

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

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