

Evaluation Report for Category B, Subcategory 3.1 Application

Application Number: 2017-1665
Application: Changes to Product Labels-Application Rate Increase
Product: Facet L
Registration Number: 31539
Active ingredient (a.i.): Quinclorac, present as dimethylamine salt
PMRA Document Number : 2929279

Purpose of Application

The purpose of this application was to increase the application rate of Facet L used in tank mix with Liberty 150 SN Herbicide (Reg. No. 28837) with or without Centurion Emulsifiable Concentrate Post-Emergence Herbicide (Reg. No. 27598) on the Facet L end-use product label.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

The addition to the label of a higher rate of Facet L on canola when used in tank-mix with Liberty 150 SN Herbicide is not expected to result in potential occupational or bystander exposure over the registered use of quinclorac. No health risks of concern are expected when workers follow the label directions and wear the personal protective equipment as stated on the label.

No residue data for quinclorac (present as dimethylamine salt) in canola were submitted to support the use expansion of this active on the Facet L Herbicide label. Previously reviewed residue data from field trials conducted in/on canola were reassessed in the framework of this application. In addition, a processing study in treated canola was also reassessed to determine the potential for concentration of residues of quinclorac (present as dimethylamine salt) into processed commodities.

This use expansion will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The uses are within the currently registered use pattern of Facet L Herbicide; therefore, no additional risk is expected from this use of Facet L Herbicide.

Value Assessment

The seeds of cleavers are similar in size and shape to canola, making them a serious contaminant and very difficult to be screened out. The Canada Seeds Act lists cleavers as a class 2 primary noxious weed. The requested label amendment to expand the application rate of Facet L Herbicide from 0.28 L/ha to 0.28-0.56 L/ha in tank mixes with Liberty 150 SN or Liberty 150 SN + Centurion EC will provide not only enhanced and more consistent control of cleavers, but also suppression of secondary flushes of cleavers, control of cleavers with high densities or at later growth stages, or improved residual control in LibertyLink canola.

This use is supported by a scientific rationale provided by the registrant, including the following points.

- Application rate of 0.28-0.56 L/ha Facet L Herbicide in tank mixes with Liberty 150 SN or Liberty 150 SN + Centurion EC does not exceed the rate labelled for Facet L Herbicide alone treatment (i.e., 0.56-0.69 L/ha).
- Comparable control and residual control of cleavers could be achieved with the tank mixtures of Facet L Herbicide + glyphosate or Ares herbicide versus Facet L Herbicide + Liberty 150 SN or Liberty 150 SN + Centurion EC when Facet L Herbicide is applied at the same rate.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found it sufficient to support the increase in application rate of Facet L used in tank mix with Liberty 150 SN Herbicide (Reg. No. 28837) with or without Centurion Emulsifiable Concentrate Post-Emergence Herbicide (Reg. No. 27598) on the Facet L end-use product label.

References

PMRA	References
Document	
Number	

2747059	2017, Waiver request for the exemption from Part 10, Value for the amendment of the Facet L + Liberty +/- Centurion tank mix, DACO: 10.1, 10.2, 10.2.3.1, 10.2.3.3, 10.3, 10.3.1, and 10.3.2.
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