

Application Rate Increase or Decrease

Evaluation Report for Category B, Subcategory 3.1 Application

Application Number: 2017-4617
Application: Application Rate Increase or Decrease
Product: Heat LQ
Registration Number: 31468
Active ingredients (a.i.): Saflufenacil
PMRA Document Number : 2830045

Background

Heat LQ was first registered on September 26, 2014. Heat LQ is registered for pre-seed, pre-emergent and chemfallow application for control of broadleaf weeds, for pre-harvest weed management in wheat, barley, and triticale, and for harvest aid in canola, dry common beans, chickpeas, red lentil varieties, dry field peas, flax, mustard, soybeans and sunflowers. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to expand the registration of Heat LQ to include a rate range of 106 – 146 mL/ha plus Merge at 0.5 – 1 L/ha for rapid burndown and suppression of secondary weed flushes for pre-seed or pre-emergence application to labeled crops.

Chemistry Assessment

A chemistry assessment was not required as there was no change to the product formulation.

Health and Environmental Assessment

Health and environmental assessments were not required given that the 146 mL/ha application rate is registered and since no other changes were made to the product label.

Value Assessment

A rationale cited previously submitted efficacy data that demonstrated both rates (106 and 146 mL/ha) provide rapid burndown and suppression of secondary flushes of labeled broadleaf weed species. Use history information from several seasons confirms that the 146 mL/ha rate provides extended suppression or is required when weed populations are high and that the 106 mL/ha rate is needed when long periods of suppression are not required or where weed populations warrant a

lower rate. The option of a rate range of 106 – 146 mL/ha will provide growers with greater flexibility in managing broadleaf weeds in labeled crops.

Conclusion

The PMRA has conducted an assessment of the subject application and has determined that in accordance with the label, the submitted information is adequate to support a rate range of 106 – 146 mL of product/ha plus Merge at 0.5 – 1 L/ha for rapid burndown and suppression of secondary weed flushes for pre-seed or pre-emergence application to labeled crops.

References

List of Studies/Information Submitted by Registrant

Value Assessment

2798696 2017, Waiver Request for the Exemption from Part 10, Value for the Amendment of the Heat LQ Label to Include a Reduced rate for Rapid Burndown and Suppression of Secondary Weed Flushes, DACO: 10.1,10.2,10.2.3.1,10.2.3.3

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