

Evaluation Report for Category B, Subcategory 3.1, 3.11 Application

Application Number: 2016-8030
Application: Changes to End-Use Product Label – Application Rate Increase and New Pests
Product: Heat LQ
Registration Number: 31468
Active ingredient (a.i.): Saflufenacil
PMRA Document Number : 2828695

Purpose of Application

The purpose of this application was to amend the label of Heat LQ to expand the application rate for pre-seed/pre-emergent application to soybeans from 53 mL/ha to 53 – 73 mL/ha and to add six weeds.

Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

The higher application rate of Heat LQ for pre-seed or pre-emergent application on soybeans is not expected to result in an increase in occupational or bystander exposure over the registered use of saflufenacil. No health risks of concern are expected when workers follow approved label directions and wear personal protective equipment as stated on the label.

No new residue data for saflufenacil in soybeans were submitted to support the increase in application rate of this active on the Heat LQ label. The increase in application rate for pre-seed/pre-emergence treatment on soybean is the same as the one currently registered. Therefore, residues of saflufenacil in/on treated soybeans are not expected to increase and will be covered under the maximum residue limit (MRL) established for saflufenacil in/on soybean seeds. Consequently, the dietary exposure to residues of saflufenacil is not expected to increase with the increase in application rate on soybean and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

Value Assessment

Inclusion of the option to apply Heat LQ at 73 mL/ha prior to seeding or prior to emergence of soybean and control of six additional weeds will provide farmers greater flexibility to employ Heat LQ for early season weed management.

Value information in the form of a scientifically sound rationale was

submitted for review. This information demonstrated that soybeans can be expected to exhibit an adequate margin of crop safety to either a pre-seed or a pre-emergent application of Heat LQ at up to 73 mL/ha. Additionally, application of 73 mL/ha Heat LQ can be expected to control the following additional weeds: common ragweed, giant ragweed, lady's-thumb, perennial sow thistle, prickly lettuce, and shepherd's-purse at the labelled growth stage.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information sufficient to support the amendment of Heat LQ to expand the application rate for pre-seed/pre-emergent application to soybeans from 53 mL/ha to 53 – 73 mL/ha and to add six weeds.

References

PMRA Document Number	References
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2709828	2016, Waiver request for the exemption from Part 10, value for the amendment of the Heat LQ label to include burndown control of six additional weeds. DACO: 10.1, 10.2, 10.2.3.1, 10.2.3.3, 10.3, 10.3.1, 10.3.2.
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