

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

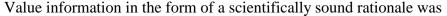
A toxicology assessment was not required for this application.

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 preseed/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.





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	References
Document	
Number	

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.

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2018

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.