

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2021-1565
Application: Changes to Product Labels-New Site or Host
Product: CONQUER II HERBICIDE
Registration Number: 33350
Active ingredients (a.i.): bromoxynil, pyraflufen-ethyl
PMRA Document Number: 3349717

Purpose of Application

The purpose of this application was to amend the label of the registered end-use product, CONQUER II HERBICIDE to add a fall application timing as a post-harvest or fall burn-down application option.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The addition of specific directions on fall timing as a post-harvest or fall burn-down application on the label of CONQUER II HERBICIDE lies within the registered use pattern for the active ingredients bromoxynil and pyraflufen-ethyl. Updated non-cancer and cancer quantitative risk assessments for mixers, loaders and applicators were not required since the most recent risk assessments on file were conducted with input parameters applicable to the proposed exposure scenarios. Postapplication worker exposure and bystander exposure are expected to be negligible due to the application timing (i.e. pre-seeding or post-seeding prior to crop emergence or as a post-harvest/ fall burn-down application). Therefore, no health risks of concern were identified and the use can be supported from an occupational exposure perspective provided that workers wear the appropriate personal protective equipment and follow all label directions.

No new residue data for bromoxynil or pyraflufen-ethyl were submitted to support the addition of post-harvest/fall burn-down application timing on the CONQUER II HERBICIDE label. Previously reviewed residue data were reassessed in the framework of this application and were deemed acceptable. Based on this assessment, quantifiable residues of bromoxynil and pyraflufen-ethyl are not anticipated with a post-harvest/fall burn-down application of CONQUER II HERBICIDE. Consequently, dietary exposure to residues of bromoxynil and pyraflufen-ethyl is not expected to increase as a result of the amendment of the CONQUER II HERBICIDE label. No health risks of concern were identified for acute, chronic or cancer dietary exposure (food and drinking water) for bromoxynil or pyraflufen-ethyl to any segment of the population, including infants, children, adults, and seniors.

A toxicology assessment was not required for this application.

Environmental Assessment

The use is within the registered use pattern of CONQUER II HERBICIDE, therefore, no additional risk is expected from the use of CONQUER II HERBICIDE for post-harvest/fall burn-down application. The label includes all the required environmental precautions, directions for use and spray buffer zone information which adequately mitigate risks to the environment. Risk from use of CONQUER II HERBICIDE is acceptable from the environmental perspective when used according to label directions.

Value Assessment

A rationale provided for review demonstrated the benefit of having a post-harvest/fall burn-down weed control section on the CONQUER II HERBICIDE label. Inclusion of this section will provide clarity to users especially when planting fall crops such as winter wheat and fall rye. Accordingly, this amendment is considered to have acceptable value.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to support a fall application timing as a post-harvest or fall burn-down application option for CONQUER II HERBICIDE.

References

PMRA

Document

Number

3220100

Reference

2021, A Rationale in Support of an Amendment to the Labelled Use Directions of Conquer II Herbicide, DACO: 10.3.2.

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