

Evaluation Report for Category B, Subcategory 3.2 Application

Application Number: 2021-1567
Application: Changes to Product Labels – New Application Timing
Product: Nufarm MCPA Ester 600 Liquid Herbicide
Registration Number: 27803
Active ingredient (a.i.): MCPA (present as esters)
PMRA Document Number : 3388346

Purpose of Application

The purpose of this application was to amend the label for Nufarm MCPA Ester 600 Liquid Herbicide to include the addition of a fall timing to winter cereals, and specific label directions for post-harvest/ fall burn-down weed control.

Chemistry Assessment

Chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

The addition of a fall timing to winter cereals is not expected to result in increased occupational exposure for the active ingredient MCPA (present as esters) on the label of Nufarm MCPA Ester 600 Liquid Herbicide, as a spring timing is already registered and this change in timing will result in the same amount of exposure to workers. The addition of specific label directions for post-harvest/ fall burn-down weed control after crop harvest or prior to planting of winter wheat or rye is also not expected to result in increases to exposure. As there are adequate risk assessments on file to cover these uses, an updated risk assessment for mixers, loaders and applicators as well as for postapplication workers is not required. Bystander exposure is expected to be negligible. No health risks of concern were identified and the uses 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 MCPA (present as esters) were submitted to support the use expansion of this active ingredient on the Nufarm MCPA Ester 600 Liquid Herbicide label. Previously reviewed residue data were reassessed in the framework of this application.

Based on this assessment, the use expansion will be covered by the established maximum residue limits (MRLs). Consequently, dietary exposure to residues of MCPA is not expected to increase and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The use of Nufarm MCPA Ester 600 Liquid Herbicide for fall application, post-harvest and fall burndown weed control applications falls within the currently registered use pattern, and is considered acceptable from the perspective of environmental risk when used in accordance with label directions.

Value Assessment

Fall applications post-harvest / prior to planting winter cereals or post-emergent to winter wheat and fall rye will provide growers greater flexibility in dealing with pressure from numerous winter annual broadleaved weeds.

A rationale and trial data provided for review demonstrated the benefit of having use claims for fall applications of Nufarm MCPA Ester 600 Liquid Herbicide to winter cereals and/or post-harvest / fall burn-down weed control. 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 the information sufficient to support the amendment to the Nufarm MCPA Ester 600 Liquid Herbicide label.

References

PMRA Document Number	Reference
3220143	2021, DACO 10.3.2 - A Rationale in Support of an Amendment to the Labelled Use Directions of MCPA Ester 600 Herbicide, DACO: 10.3.2.
3280664	2021, MCPA Ester 600 deficiency response for lack of DACO 10.3.2 data Sub. 2021-1567, DACO: 10.3.2.

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