



Evaluation Report for Category B, Subcategory 3.2 Application

Application Number: 2017-3346
Application: Changes to Product Labels - Application Timing
Product: BlackHawk Herbicide
Registration Number: 32111
Active ingredient (a.i.): 2,4-D (D (present as 2-ethylhexyl ester), pyraflufen-ethyl
PMRA Document Number : 2844359

Purpose of Application

The purpose of this application was to amend the BlackHawk Herbicide label to include post-harvest/fall burn-down weed control, and to add two new tank mix options.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicological assessment was not required for this application.

The amendments to the label of BlackHawk Herbicide to include a new timing of application, i.e., a post-harvest or fall burn-down application, as well as two new tank-mix options, including glyphosate (450 – 1260 g a.e./ha) and Valtera Herbicide (140 – 210 g product/ha), are considered acceptable from an occupational exposure perspective. Updated assessments for non-cancer and cancer risks were conducted and no health risks of concern are expected when workers wear the recommended personal protective equipment and follow all label directions.

Previously reviewed residue data for pyraflufen-ethyl and 2,4-D, present as 2-ethylhexyl ester, were considered in the context of this application to add the new application timing for postharvest/fall burn-down weed control to the product label of BlackHawk Herbicide. For pyraflufen-ethyl and metabolite E-1, the established MRLs in/on various crop commodities are adequate to cover the expected residues resulting from the use. For (2,4-dichloro phenoxy)acetic acid, the established MRLs, and the general MRL of 0.1 ppm for crops where no specific MRL is established, are adequate to cover the expected residues resulting from the use. No health risks of concern were identified for any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The new timing of application for BlackHawk Herbicide is not expected to pose any additional environmental risks. The existing label statements are adequate for risk mitigation.

Value Assessment

The availability of post-harvest/fall burn-down herbicide options to keep fields weed free for the next season and prevent the spread of weed seeds is desirable and does have value for farmers.

The consideration of the existing use pattern for BlackHawk Herbicide demonstrated that adequate weed control would be expected with a post-harvest/fall burn-down application as per label directions. Furthermore, the inclusion of glyphosate ± Valtera Herbicide as tank mix partners on the BlackHawk Herbicide label is supported since the use direction for the tank mixes is consistent with that registered for each of the tank mix components.

Conclusion

The PMRA has assessed the request to amend the BlackHawk Herbicide label to include the post-harvest/fall burn-down weed control and two new tank mix options and has determined that the amendment can be granted.

References

PMRA#	Reference
2784525	2017, BlackHawk_32111_DACO 5.2_Use Description Scenario, DACO: 5.2
1913109	2009, Agricultural Handler Exposure Scenario Monograph: Open Cab Groundboom Application of Liquid Sprays, DACO: 5.3,5.4
2572745	2015, Agricultural Handler Exposure Scenario Monograph: Open Pour Mixing and Loading of Liquid Formulations, DACO: 5.3,5.4.

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