

Evaluation Report for Category B, Subcategory 3.2, 3.11 Application

Application Number: 2010-1684
Application: B.3.2 (Product labels – application timing)
B.3.11 (Product labels – new pests)
Product: Odyssey WDG Herbicide
Registration Number: 25111
Active ingredients (a.i.): Imazethapyr (IMP), Imazamox (IMZ)
PMRA Document Number English PDF: 1948873

Purpose of Application

The purpose of this application was to amend the registration of Odyssey WDG Herbicide to include a claim of control for spring germinating Japanese brome grass seedlings when tank mixed with Equinox EC Herbicide in all labelled crops. A request was also made to extend the crop stage from the 1-6 node stage to the 1-9 node stage at application for Clearfield lentils.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required since there was no change to the formulation.

The use on spring germinating Japanese brome grass seedling and change of crop stage from 1-6 node to the 1-9 node at application for Clearfield lentils should not result in an increase in potential occupational or bystander (reentry) exposure over registered uses of the active ingredient since the application rate, number of applications, frequency of application and method of application fell within that currently registered on the label.

No new food residue chemistry data were submitted in support of these proposed amendments to the Odyssey WDG Herbicide label. Previously reviewed data were re-assessed in the context of the current application. Given that the proposed use directions are similar to those registered, exposure to residues of imazethapyr and imazamox and the tank-mix partner tepraloxym should not increase for any segment of the population.

Environmental Assessment

The addition of spring germinating Japanese brome grass seedlings when tank mixed with Equinox EC Herbicide in all labelled crops and secondly to extend the crop stage from the 1-6 node stage to the 1-9 node stage at application for Clearfield lentils should not result in an increase in environmental exposure over registered uses of the active. It should be pointed out that the environmental precautionary statements on the label are adequate provided that the product is applied by ground application.

Value Assessment

Data from seven field research trials conducted in Saskatchewan in 2005 and 2009 were submitted for review. The control of spring germinating Japanese brome grass seedlings with Odyssey WDG Herbicide in combination with Equinox EC Herbicide was comparable to the registered treatment of Solo Herbicide. Therefore, the data supported a control claim for spring germinating Japanese brome grass seedlings.

Submitted data for injury (visually assessed as a percentage relative to the untreated check) of Clearfield lentils indicated that tolerance can be expected at the 7 to 9 node stage after an application of Odyssey WDG Herbicide in tank mix with Equinox EC Herbicide. Therefore, the data supported an extension of the Clearfield lentils growth stage from 1-6 nodes to 1-9 nodes.

Conclusion

The PMRA has assessed all available information and is able to support the amendment to the Odyssey WDG Herbicide label to include a claim of control for spring germinating Japanese brome grass seedlings when tank mixed with Equinox EC Herbicide in all labelled crops. The request to extend the crop stage from the 1-6 node stage to the 1-9 node stage at application for Clearfield lentils can also be supported.

References

- PMRA No. 1899702 2009, Odyssey Water Dispersible Granular Herbicide (Active Ingredients: Imazethapyr and Imazamox). BASF, pp. 16. DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.3, 10.3.1, 10.3.2, 10.3.3, 10.4, 10.5, 10.5.2, 10.5.3
- PMRA No. 1899704 Trial reports. BASF, pp. 27. DACO 10.3.2
- PMRA No. 1899707 Trial reports. BASF, pp. 30. DACO 10.2.3.3

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