

Evaluation Report for Category B, Subcategory 3.5, 3.6, 3.12 Application

Application Number: 2006-0222
Application: Category B, subcategory 3.5 (Rotational crops or plant back intervals), 3.6 (Pre-harvest interval), 3.12 (New site or host)
Product: Odyssey Water Dispersible Granular Herbicide
Registration Number: 25111
Active ingredients (a.i.): Imazamox 35% a.e.
Imazethapyr 35% a.e.
PMRA Document Number : 1452717

Background

Odyssey Water Dispersible Granular Herbicide has been registered for commercial use in the prairie provinces and Peace River region of British Columbia since April 24, 1997, as an early post-emergence treatment to control grassy and broadleaf weeds in field peas, fenugreek (for seed uses only), imazethapyr- and imazamox-tolerant canola, imazethapyr- and imazamox-tolerant lentils, and seedling and established alfalfa grown for seed. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application is to amend the registration of Odyssey Water Dispersible Granular Herbicide to include control of labelled weeds in soybeans in the prairie provinces and Peace River region of British Columbia. The use on soybeans would be as a post-emergent application at 30 g a.e./ha (15 g imazamox/ha plus 15 g imazethapyr/ha) with a pre-harvest interval of 85 days. Odyssey Water Dispersible Granular Herbicide would be applied by boom sprayer, no more than once per year.

Chemistry Assessment

A chemistry assessment was not required as there was no change to product chemistry.

Health Assessments

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

Odyssey Water Dispersible Granular Herbicide can be applied as an early post-emergence treatment to control grassy and broadleaf weeds in several crops including field peas,

imazethapyr- and imazamox-tolerant canola, imazethapyr- and imazamox-tolerant lentils, and seedling and established alfalfa grown for seed. The directions regarding the method, rate and number of applications on soybean are the same as those currently registered for other crops on the Odyssey Water Dispersible Granular Herbicide label. The addition of soybean to the Odyssey Water Dispersible Granular Herbicide label should not result in an increase in occupational or bystander exposure.

To support the proposed addition of soybeans to the Odyssey Water Dispersible Granular Herbicide label for use in Western Provinces, no new residue data were submitted. Following examination of existing registrations for imazamox and imazethapyr in/on soybeans, it was concluded that the use of Odyssey Water Dispersible Granular Herbicide on soybeans at a rate of 30 g a.e./ha and a pre-harvest interval of 85 days will not result in an increase in dietary exposure.

Environmental Assessment

An environmental assessment was not required because the use pattern proposed for the new host, soybeans, is the same as the one currently registered for other crops for Odyssey Water Dispersible Granular Herbicide. Therefore, the use of this product on soybeans in accordance with label instructions is not expected to increase environmental exposure to imazamox and imazethapyr as compared to the registered uses.

Value Assessment

Crop tolerance and yield data from five small plot field trials, conducted on soybeans in Manitoba in 2004 and 2005, were submitted for review.

The tolerance and yield of soybeans in Manitoba to an application of Odyssey Water Dispersible Granular Herbicide was found to be acceptable, based on the data provided. The expansion of the Odyssey Water Dispersible Granular Herbicide label to include application to soybeans in the Prairie Provinces and Peace River Region of British Columbia is acceptable, from a crop tolerance point of view.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Odyssey Water Dispersible Granular Herbicide to include application to soybeans in the Prairie Provinces and Peace River Region of British Columbia (post-emergent application at 30 g a.e./ha with a pre-harvest interval of 85 days).

References

List of Studies/Information Submitted by Registrant

PMRA # 1119421 Non Safety Adverse Effects summary, 57 pp.

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