

Evaluation Report for Category B, Subcategory 2.6 Application

Application Number: 2020-2143
Application: New End Use Product: New Combination of Technical Grade Active Ingredients
Product: A17713 Herbicide
Registration Number: 34208
Active ingredients (a.i.): Fenoxaprop-P-ethyl and pinoxaden
PMRA Document Number: 3253558

Purpose of Application

The purpose of this application was to register a new herbicide for postemergent control of listed weeds in spring wheat and barley in the Prairie Provinces and Peace River, Okanagan and Creston flats region of British Columbia.

Chemistry Assessment

A17713 Herbicide is formulated as an emulsifiable concentrate containing the actives, Pinoxaden at 50 g/L, Fenoxaprop-P-Ethyl at 50 g/L. This end-use product has a density of 0.997 g/mL and pH of 5.1. The required chemistry data for A17713 Herbicide have been provided, reviewed and found to be acceptable.

Health Assessments

A17713 Herbicide is of low acute oral, dermal and inhalation toxicity. It is mildly irritating to the eye and severely irritating to the skin, is a dermal sensitizer.

The use pattern of A17713 Herbicide on spring wheat and barley is not expected to result in potential increase in occupational or bystander exposure over the registered uses of pinoxaden and fenoxaprop-p-ethyl. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

No new residue data were submitted for pinoxaden or fenoxaprop-p-ethyl to support the registration of A17713 Herbicide. Previously reviewed residue data were reassessed in the framework of the current petition. It is concluded that previously reviewed data are adequate to support the registration of the new end-use product A17713 Herbicide. Dietary exposure to residues of pinoxaden and fenoxaprop-p-ethyl as a result of this action will not pose a health risk of concern to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The application rate and use pattern for A17713 Herbicide is within the registered use pattern for currently registered products. Risk to the environment is acceptable when A17713 Herbicide is used according to the label directions.

Value Assessment

Value information submitted for review consisted of data submitted to support the registration of a similar product, scientific rationales, and data from field research trials. This information demonstrated that an application of A17713 Herbicide as per the label instructions provides acceptable control of foxtail, wild oats, barnyard grass, and Persian darnel in spring wheat and barley.

The registration of A17713 Herbicide provides farmers with a useful tool to control grassy weeds in spring wheat and barley and with a variety of tank mix options to control both grasses and broadleaf weeds with a one pass application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to register A17713 Herbicide.

References

PMRA

Document

Number	Reference
2417131.	2014, Description Formulation Process, DACO: 3.2.2 CBI
2417132.	2011, Analytical Method [CBI Removed], DACO: 3.4.1 CBI
2417134.	2014, Chemical and Physical Properties, DACO: 3.5.1,3.5.10,3.5.11,3.5.12, 3.5.13, 3.5.14, 3.5.15,3.5.2,3.5.3,3.5.4,3.5.5,3.5.6,3.5.7,3.5.8,3.5.9 CBI
3126526	2020, A17713 Herbicide efficacy and crop tolerance summary spring wheat and spring barley, DACO: 10.1.
3126533	2013, A17713 Herbicide (Foxfire) - phytotoxicity - wheat and spring barley - Canada - 2013, DACO: 10.2.3.3.
3126534	2013, A17713 Herbicide (Foxfire) - Phytotoxicity - wheat and spring barley - Canada - 2013, DACO: 10.2.3.3.

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