



Aim EC Herbicide

Evaluation Report for Category B Streamlined, Subcategory 3.11 Application

Application Number: 2016-7561
Application: Category B, Subcategory 3.11 Application (new or changes to product labels – new pests)
Product: Aim EC Herbicide
Registration Number: Reg. No. 28573
Active ingredient (a.i.): carfentrazone-ethyl [CAE]
PMRA Document Number: 2754406

Background

Aim EC Herbicide contains 240 g ai/L carfentrazone-ethyl and is registered for selective post-emergence control of broadleaf weeds in a number of labelled crops using hooded sprayer applications, weed burndown prior to planting a variety of labelled crops, weed control in fallow systems and the defoliation/desiccation of labelled crops for the purpose as a harvest aid. 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 was to amend the registration of Aim EC Herbicide to include

1. a claim of control of flixweed and common waterhemp when applied at 58 mL/ha (13.9 g ai/ha);
2. a claim of control of cleavers, shepherd's purse and Russian thistle when applied at 73 mL/ha (17.5 g ai/ha);
3. a claim of control of cleavers and flixweed when applied at 36.5-73 mL/ha (8.8-17.5 g ai/ha) in a tank mixture with a listed glyphosate product at 450-900 g ae/ha; and,
4. a claim of control of common ragweed when applied at 36.5-73 mL/ha (8.8-17.5 g ai/ha) in a tank mixture with a registered 2,4-D Ester product at 560 g ae/ha.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern, including host crops, application rates and timings of the component products remain unchanged.

Value Assessment

Flixweed, cleavers, shepherd's purse, Russian thistle, common waterhemp and common ragweed are all agronomically important weed species that can be problematic for Canadian farmers. The availability of effective herbicide options is desirable for the management of these problematic weeds.

The collective consideration of agricultural use history information, field trial data and existing precedent product registrations demonstrated that Aim EC Herbicide would be expected to control flixweed, cleavers, shepherd's purse, Russian thistle, common waterhemp and common ragweed when applied in accordance with label directions.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Aim EC Herbicide to include the requested efficacy claims.

References

PMRA Doc Number	Reference
2704463	2016, Value Summary for the Addition of Weeds to the AIM EC Herbicide Label, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.4, 10.4, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5.
2704465	2016, Shark - Wheat, DACO: 10.2.3.3(B).
2704466	2016, Preseeding Wheat Burndown and Chemical Fallow - Canada 2008, DACO: 10.2.3.3(B).
2704467	2016, Flax Burndown, PRE and Foliar - 2008 Canada, DACO: 10.2.3.3(B).
2704468	2016, Shark - Wheat, Winter, DACO: 10.2.3.3(B).
2704469	2016, Agricultural Use History Template - Use of AIM EC Herbicide to Control Flixweed, DACO: 10.2.4.
2704470	2016, Agricultural Use History Template - Use of AIM EC Herbicide to Control Cleavers and Shepherd's Purse, DACO: 10.2.4.
2704471	2016, Agricultural Use History Template - Use of AIM EC Herbicide to Control Russian Thistle, DACO: 10.2.4.
2704472	2016, Agricultural Use History Template - Use of AIM EC Herbicide to Control Common Waterhemp, DACO: 10.2.4.
2704473	2016, Agricultural Use History Template - Use of AIM EC Herbicide to Control Common Ragweed, DACO: 10.2.4.

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