

Evaluation Report for Category B, Subcategory 3.11 and 3.4 Application

Application Number: 2008-1613
Application: Changes to Product labels – New Pests and Application Method
Product: Milestone Herbicide
Registration Number: 28517
Active ingredients (a.i.): Aminopyralid
PMRA Document Number : 1829823

Purpose of Application

The purpose of this application was to amend the registration of Milestone Herbicide (Registration No. 28517) label to include control or suppression claims for 15 new weed species to applications of 70, 90 and 120 g a.i./ha of aminopyralid. In addition, the registrant also requested the creation of a Special Use: Invasive Plant Management section on the Milestone Herbicide label for invasive plant management. The Special Use: Invasive Plant Management section would list control claims for species which may or may not be present in Canada, however, were deemed to have the potential for invasion into Canada or for further spread to areas presently unaffected.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The new uses of Milestone Herbicide are not expected to result in an increase in potential occupational or bystander exposure over the currently registered uses of aminopyralid. No unacceptable risk is expected when workers follow label directions and wear personal protective equipment as recommended on the label.

No new residue data were submitted to support this application. Adding new pests and invasive plant management to the label does not have any impact on the magnitude of aminopyralid residues. Therefore, the dietary exposure is not expected to increase and does not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

An environmental assessment has previously been conducted for Milestone Herbicide. The addition of the new weed claims does not result in a change in environmental exposure or risk to the environment.

Value Assessment

Efficacy data were submitted from 182 field trials conducted in locations in Canada, USA, UK, France, Austria, New Zealand, and Poland from year 2000 through 2007 in which Milestone Herbicide was applied at 70, 90 or 120 g a.i./ha in non-crop situations.

The submitted data support a claim of control for common ragweed, yellow star thistle, oxeye daisy, plumeless thistle, Canada fleabane, musk thistle, tall buttercup, perennial sow thistle, horsenettle for the application of 70 g a.i./ha aminopyralid. A claim of suppression of western ragweed and curly dock is supported for the application of 70 g a.i./ha aminopyralid. A claim of control of cudweed, western ragweed and curly dock for the application of 90 g a.i./ha is also supported. A control claim for prickly lettuce for the application of 120 g a.i./ha and suppression of common yarrow and diffuse knapweed for the application of 120 g a.i./ha aminopyralid is supported from an efficacy perspective. Crop tolerance data are not required as the intended use site is for non-crop purposes.

The creation of a Special Use Section entitled “Invasive Plant Management” on the Milestone Herbicide label can be supported from a value perspective based on the rationale provided by the registrant. The following control and/or suppression claims can be supported based on the data provided: control claims for common broomweed, hairy buttercup, tropic croton, tropical soda apple, bull thistle and suppression of sulfur cinquefoil for the application of 70 g a.i./ha aminopyralid; control claims for bitter sneezeweed, hairy fleabane and tansy ragwort for the application of 90 g a.i./ha aminopyralid. In addition, control claims for tall ironweed, Fuller’s teasel and a claim of suppression for Russian knapweed for the application of 120 g a.i./ha aminopyralid can be supported from a value perspective based on the data provided.

Conclusion

Following an assessment of the data provided, the PMRA can support the addition of specific weed species and the creation of a Special Use Section entitled “Invasive Plant Management” on the Milestone Herbicide label. Supported weed species and rates are as described in the Value Assessment section above.

References

- 1595449 2007, Value Summary, DACO: 10.1
- 1595452 2007, Small Scale Field Trial Summary, DACO: 10.2.3.1
- 1595453 2007, U.S. Weeds Master - Milestone: Individual Trials, DACO: 10.2.3.3
- 1595454 2007, Efficacy of XDE-750 Applied Alone and in Mixture Against CIRAR, RUMOB, URTDI and TAROF, DACO: 10.2.3.3
- 1595455 2007, Canada Thistle with XR-750 at Prebud, Glade Spring, VA, DACO: 10.2.3.3

- 1595456 2007, Efficacy of XDE-750 Applied Alone and in Mixture Against Senecio
Jacobaea in Established Pasture, DACO: 10.2.3.3
- 1595457 2007, XR-750 (GF-389) Alone and in Combination for Roadside Weed Control,
DACO: 10.2.3.3
- 1595458 2007, Efficacy of XR-750 as the Potassium and Amine Salts, DACO: 10.2.3.3
- 1727973 2009, Tansy Ragwort Rationale, DACO 10

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services
Canada 2010

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.