

Evaluation Report for Category B, Subcategory B 3.11 Application (New or Changes to Product Label – New Pests)

Application Number: 2015-1284
Application: Category B, Subcategory B.3.11 (new pests)
Product: Reward Aquatic Herbicide
Registration Number: 26271
Active ingredients (a.i.): 240 g/L diquat
PMRA Document Number : 2533339

Background

Reward Aquatic Herbicide is a Restricted Use product registered for control of weeds in still or slow-moving water of farm dugouts, farm ponds, industrial ponds, farm ditches, lakes and canals, and for weed control in non-crop land (rights-of-way for transportation or utility corridors, airports, wasteland, garbage dumps and industrial parks). 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 Reward Aquatic Herbicide to include a claim of control for flowering rush, at presently labelled rates of application.

Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

Value Assessment

The Province of Alberta provided a detailed rationale outlining the need for an aquatic herbicide to control invasive flowering rush, and included a number of reports detailing the ongoing battle to control flowering rush in the Detroit Lakes area of Minnesota, where they have had some success in managing this introduced aquatic weed using diquat in operational trials. There are presently no herbicides registered for control of this invasive species in Canada. Given this, and in consideration of the mode of action of diquat which is non-selective to most plants, the use of Reward Aquatic Herbicide to control flowering rush has been found to have acceptable value.

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Reward Aquatic Herbicide to include a claim

for control of flowering rush when used according to label directions.

References

List of Studies/Information Submitted by Registrant

249173 6	10.2	2012, Ecology and Management of Flowering Rush (<i>Butomus umbellatus</i>) in the Detroit Lakes, Minnesota
249173 7	10.2	2013, Herbicide Trials for Management of Flowering Rush in Detroit Lakes, Minnesota for 2012
249173 8	10.2	2014, Management of Flowering Rush Using the Contact Herbicide Diquat in Detroit Lakes, Minnesota 2013
249174 0	10.1	DACO: 10.1 (Rationale)

ISSN: 1911-8082

**8 Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services
Canada 2016**

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.