

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

**Application Number:** 2020-0436  
**Application:** Category B.3.11 (New or changes to product label – New pests)  
**Product:** Chontrol Peat Paste  
**Registration Number:** 29293  
**Active ingredients (a.i.):** *Chondrostereum purpureum* strain PFC2139,  $1 \times 10^5$  to  $1 \times 10^7$  CFU/L  
**PMRA Document Number :** 3145898

### Background

Chontrol Peat Paste is a biological herbicide for inhibition of resprouting and regrowth from cut stumps of alders, trembling aspen, red oak, ironwood, white birch, sugar maple, and choke cherry in rights-of-way and forest vegetation management. Chontrol Peat Paste is a paste formulation provided in one-litre squeeze bottles (for manual application) and an eleven-litre container (for use in backpack sprayers). 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 include a claim of inhibition of resprouting and regrowth from cut and girdled stumps of glossy and European buckthorn on the label.

### 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

Invasive buckthorns (glossy and European) are invasive shrub species, which are a threat to biodiversity in Canada affecting soil quality, native plant communities, and wildlife habitat. Currently, they are considered very harmful in several Canadian provinces, including Manitoba, Ontario, and Quebec, and in some American states.

Several chemical herbicides have been registered for control of buckthorns, however their use is not desirable in some jurisdictions (e.g. public lands in Quebec). The registration of a biological solution like Chontrol Peat Paste for control of invasive buckthorns would address the municipalities' concerns over these invasive species. Letters of support from several municipalities and a forest development agency were included in this submission package.

Efficacy information submitted for review consisted of field research trials, which were conducted at Oakville and Simcoe in Ontario and L'Estrie Region of Quebec in 2016 and 2017. Efficacy of Chontrol Peat Paste was evaluated on both cut stump surfaces and girdled trees. In both operations, the product was effective at significantly increasing mortality of treated stems in the treatment year and the following year.

## **Conclusion**

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the requested amendment to include a claim of inhibition of resprouting and regrowth from cut and girdled stumps of glossy and European buckthorn.

## **Reference**

List of Studies/Information Submitted by Registrant

- |                |  |
|----------------|--|
| PMRA # 3086627 | 2019, CPP 29293, Buckthorn values package, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3, 10.4, 10.5, and 10.5.1. |
| PMRA # 3086628 | 2020, CPP 29293, Buckthorn summaries, DACO: 10.2.3.1.  |
| PMRA # 3086629 | 2019, CPP 29293, Buckthorn efficacy report, DACO: 10.2.3.3(B).   |

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