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Proposed Maximum Residue Limit

PMRL2010-79

Boscalid

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Under the authority of *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has concluded that the addition of new uses on mustard seeds (oilseed type) to the product label of Lance WDG Fungicide, containing technical grade boscalid, is acceptable. The specific uses approved in Canada are detailed on the label of Lance WDG Fungicide, *Pest Control Products Act* Registration Number 27495.

The evaluation of this boscalid application indicated that the end-use product has merit and value and the human health and environmental risks associated with the new uses are acceptable. Details regarding the registration can be found in the corresponding Evaluation Report available in the Pesticides and Pest Management section of Health Canada's website, under Public Registry, Pesticide Product Information Database.¹

Before registering a pesticide for food use in Canada, the PMRA must determine the quantity of residues that are likely to remain in or on the food when the pesticide is used according to label directions and that such residues will not be a concern to human health. This quantity is then legally established as a maximum residue limit (MRL). An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Consultation on the proposed MRLs for boscalid is being conducted via this document (see Next Steps, the last section of this document).

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

Canadian MRLs are currently established for rapeseeds (canola), flaxseeds and mustard seeds at 3.5 ppm and for canola oil at 5.0 ppm. This MRL action proposes MRLs for the remaining rapeseed food commodities within Crop Subgroup 20A and adds an MRL for mustard seed oil. In addition, the current crop descriptor "mustard seeds" is proposed for revision to "mustard seeds (oilseed type)" to reflect updated commodity terminology.

The proposed MRLs for boscalid in Canada in or on food, to revise or be added to the MRLs already legally established, are as follows.

¹ The relevant report can be accessed by selecting the Programs and Special Actions/Minor Use/ Historical tab and opening the Evaluation Report found under Application Number 2010-0463.

Table 1 Proposed Maximum Residue Limits for Boscalid

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Boscalid	2-chloro- <i>N</i> -(4'-chloro[1,1'-biphenyl]-2-yl)-3-pyridinecarboxamide	5.0	Mustard seed oil
		3.5	Borage seeds, cuphea seeds, echium seeds, Gold of Pleasure seeds, Hare's ear mustard seeds, milkweed seeds, mustard seeds (oilseed type)*, oil radish seeds, poppy seeds, sesame seeds, sweet rocket seeds

* The current "mustard seeds" commodity descriptor is proposed for revision to "mustard seeds (oilseed type)", to reflect updated terminology, but the established 3.5 ppm MRL remains in effect.

A complete list of all pesticide MRLs established in Canada can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

International Situation and Trade Implications

The proposed MRLs for boscalid in or on rapeseed commodities in Canada do not have corresponding established American tolerances or Codex Alimentarius MRLs².

Tolerances are established in the United States for boscalid in or on canola and flax seeds at 3.5 ppm and in refined canola oil at 5.0 ppm; however, there are no established American tolerances corresponding to the commodities included under this MRL action (tolerances are listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide).

Codex MRLs have not been established for boscalid in or on any oilseed commodities. A listing of all established Codex MRLs is available on the Codex Alimentarius Pesticide Residues in Food website.

Next Steps

The PMRA invites the public to submit written comments on the proposed MRLs for boscalid up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will consider all comments received before making a final decision on the proposed MRLs for boscalid and posting a corresponding Established Maximum Residue Limit document in the Pesticides and Pest Management section of Health Canada's website.

² The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.