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Re-evaluation Note

REV2017-18

Pest Management Regulatory Agency Re-evaluation and Special Review Work Plan 2017-2022

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1.0 Background

The purpose of this document is to inform registrants, pesticide regulatory officials and the Canadian public of the re-evaluation and special review work planned by Health Canada's Pest Management Regulatory Agency (PMRA) from 1 April 2017 to 31 March 2022. This document provides an update to the previously published [Pest Management Regulatory Agency Re-evaluation and Special Review Work Plan 2015-2020](#).

PMRA regulates pesticides in Canada, with the primary objective of protecting the health of Canadians and the environment. A pesticide may only be sold or used in Canada if it has been registered or otherwise authorized under authority of the *Pest Control Products Act*. PMRA uses a rigorous science-based risk assessment approach to ensure that the product meets health and environmental standards and has value.

As part of the pesticide re-evaluation program, registered pesticides are reviewed on a cyclical basis using modern assessment techniques and current scientific information. In addition, pesticides may also be re-evaluated as a result of changes in the information required or the procedures used by PMRA to determine that the pesticide meets current health, environment and value standards. A special review may also be initiated by the Minister of Health at any time if there are reasonable grounds to believe that the health or environmental risks, or the value, of a pesticide is no longer acceptable. Special reviews differ from re-evaluation in that a special review is intended to examine specific aspects of a pesticide.

PMRA publishes proposed decisions for public consultation. Following consultation, comments and information submitted by the public and other stakeholders are considered before PMRA publishes a final decision. This document lists the active ingredients included in the re-evaluation and special review work plan for the next five years - from 1 April 2017 until 31 March 2022. Tables in Sections 3.1 and 3.4 outline the expected target dates for the publication of proposed and final decisions. It should be noted that target dates are provided and, in some instances, documents may be published within a shorter timeframe as the complexity and amount of information available can vary.

2.0 Annual Update

On an annual basis, PMRA reports to Parliament on accomplishments and activities completed over the previous fiscal year; which includes re-evaluations and special reviews. The PMRA [annual report](#) can be found on the Pesticides and Pest Management portion of [Canada.ca](#) website.

The active ingredients for which re-evaluations and special reviews were completed from 1 April 2015 to 31 March 2017 and that were listed on the previous 2015-2020 work plan have been removed from this work plan. Published documents related to these re-evaluations and special reviews are available on the Pesticides and Pest Management portion of [Canada.ca](#) website.

3.0 Work Plan 1 April 2017 to 31 March 2022

Resources have been prioritized in order to complete reviews and publish the related documents noted in the tables below. Priority will however be given to re-evaluations of active ingredients registered before 1995 as PMRA is committed to completing the remainder of these re-evaluations by 2020. This five-year work plan may change in response to emerging issues that require priority action; thus, while this work plan will be updated annually, during the course of the year interested stakeholders can monitor PMRA's [Public Registry](#) to view the announcement of new re-evaluations and special reviews, as well as the publication of proposed and final decisions.

3.1 Re-evaluation Work Plan

The following table provides information on the target dates for the publication of proposed and final decisions for active ingredients under re-evaluation. Re-evaluations for which proposed decisions have been published are marked with a dash (-).

| Active Ingredient Name | Target Publication of Proposed Decision | Target Publication of Final Decision |
|--|---|--------------------------------------|
| (Z,Z)-3,13-Octadecadienyl Acetate | February 2018 | March 2019 |
| 2,4-DB (2,4-dichlorophenoxy butyric acid) <ul style="list-style-type: none"> • DBE • DPB | March 2018 | March 2020 |
| Abamectin | February 2020 | August 2021 |
| Acephate | - | December 2017 |
| Acetic Acid | July 2017 | January 2019 |
| Aminoethoxyvinylglycine | September 2017 | March 2019 |
| Amitraz | June 2017 | March 2019 |
| Antisapstain and joinery uses: <ul style="list-style-type: none"> • 2-(thiocyanomethylthio) benzothiazole • 3-Iodo-2-propynyl n-butylcarbamate • Borax (Disodium octaborate tetrahydrate/ boron) • Copper 8-quinolinolate • Didecyl dimethyl ammonium chloride • Propiconazole • Tebuconazole | - | December 2018 |
| Azadirachtin | March 2018 | March 2019 |
| Captan | - | March 2018 |
| Chlorimuron-ethyl | June 2018 | June 2020 |
| Chloropicrin | May 2017* | March 2019 |
| Chlorothalonil | - | March 2018 |
| Chlorpyrifos | March 2018 | March 2020 |
| Clethodim | - | March 2018 |
| Clodinafop propargyl | June 2018 | June 2020 |
| Clothianidin (pollinator) | December 2017 | December 2018 |
| Copper (Present As Cuprous Thiocyanate) | August 2018 | January 2020 |

| Active Ingredient Name | Target Publication of Proposed Decision | Target Publication of Final Decision |
|---|---|--------------------------------------|
| Cydia Pomonella Granulosis Virus (Strain Cmgv4) | March 2018 | April 2019 |
| Cyfluthrin | - | March 2019 |
| Cypermethrin | - | September 2018 |
| Cyprodinil | April 2019 | October 2020 |
| Cyromazine | September 2018 | September 2020 |
| Dazomet | November 2017* | March 2019 |
| Deltamethrin | - | March 2018 |
| Dichlorvos | September 2017 | September 2019 |
| Difenoconazole | October 2018 | March 2020 |
| Diflufenzopyr (Present As Sodium Salt) | June 2017 | December 2018 |
| Dimethomorph | September 2018 | September 2020 |
| Dodecylguanidine Hydrochloride | July 2019 | January 2021 |
| Essential Oils <ul style="list-style-type: none"> • Camphor Oil, • Eucalyptus Oil, • Lemon Oil, • Oil Of Geranium, • Pine Needle Oil | January 2018 | July 2019 |
| Ethephon | December 2017 | December 2019 |
| Ethyl Alcohol | January 2018 | January 2019 |
| Fenhexamid | September 2019 | March 2021 |
| Ferbam | - | June 2018 |
| Ferrous sulfate | March 2018 | March 2019 |
| Fludioxonil | - | September 2018 |
| Fluroxypyr (present as 1-methylheptyl ester) | August 2017 | January 2019 |
| Folpet | December 2017 | December 2019 |
| Fomesafen | March 2018 | June 2020 |
| Fosetyl-Al | September 2017 | September 2019 |
| Hydantoin <ul style="list-style-type: none"> • 1-Or 3-Monomethylol-5,5-Dimethylhydantoin • 1,3-Bis(Hydroxymethyl)-5,5-Dimethylhydantoin | August 2019 | February 2021 |
| Hydrogen Peroxide | August 2017 | February 2019 |
| Imidacloprid | - | December 2018 |
| Imidacloprid (Pollinator) | December 2017* | December 2018* |
| Iprodione | - | March 2018 |
| Iron (Present As Ferric Phosphate) | November 2017 | May 2019 |
| Isopropyl Alcohol | July 2017 | January 2019 |
| Isoxaflutole | May 2019 | November 2020 |
| Kresoxim-Methyl | April 2019 | October 2020 |
| Lambda-cyhalothrin | June 2017* | March 2019 |

| Active Ingredient Name | Target Publication of Proposed Decision | Target Publication of Final Decision |
|--|---|--------------------------------------|
| Linuron | - | December 2019* |
| Mancozeb | - | March 2018* |
| Mineral Spirits | June 2019 | December 2020 |
| Metam Sodium | November 2017* | March 2019 |
| Metam Potassium | November 2017* | March 2019 |
| Methomyl | - | December 2017 |
| Methyl Anthranilate | February 2018 | February 2019 |
| Metiram | - | March 2018* |
| N-octyl bicyclo heptene dicarboximide | September 2017 | September 2019 |
| Octhilinone | - | May 2017* |
| Oil Of Black Pepper | December 2017 | June 2019 |
| Permethrin | September 2017* | June 2019 |
| Peroxyacetic Acid | August 2017 | February 2019 |
| Pheromone • (E)-8-Dodecen-1-yl Acetate , • (Z)-8-Dodecen-1-ol, • (Z)-8-Dodecen-1-yl Acetate | June 2017 | November 2018 |
| Phosmet | June 2017* | December 2018 |
| Piperine | December 2017 | June 2019 |
| Piperonyl butoxide | September 2018* | December 2019 |
| Potassium Peroxymonosulfate present as Potassium Peroxymonosulfate Sulfate | June 2017 | November 2018 |
| Pyrethrins | August 2019* | March 2020 |
| Pyridaben | - | September 2018 |
| Pyriproxyfen | July 2019 | January 2021 |
| Quizalofop-P-Ethyl | June 2019 | November 2020 |
| S-Kinoprene | August 2019 | January 2021 |
| S-Metolachlor And R-Enantiomer | November 2019 | May 2021 |
| Sodium bromide | July 2017* | March 2019 |
| Sodium omadine | - | March 2018 |
| Soybean Oil | January 2018 | January 2019 |
| Streptomyces Griseoviridis Strain K61 | February 2018 | February 2019 |
| Strychnine | - | March 2018 |
| Tebuconazole | November 2018 | April 2020 |
| Tebufenozide | February 2019 | August 2020 |
| Tetramethrin | - | March 2018 |
| Thiamethoxam (pollinator) | December 2017 | December 2018 |
| Thiophanate methyl | - | December 2018 |
| Thiram | - | June 2018 |
| Trichoderma Harzianum Strain Krl-Ag2 | November 2017 | May 2019 |
| Triforine | March 2019* | September 2020* |
| Uniconazole-P | November 2018 | May 2020 |

| Active Ingredient Name | Target Publication of Proposed Decision | Target Publication of Final Decision |
|------------------------------|---|--------------------------------------|
| Zinc (Present As Zinc Oxide) | October 2017 | March 2019 |
| Ziram | - | June 2018 |

*Changes made to the date identified in the 2015-2020 work plan.

3.2 Re-evaluations Initiated in 2016

PMRA initiated the following re-evaluations in the 2016 calendar year. As outlined in the [Re-evaluation policy](#), at the on-set of the information gathering phase, PMRA will publish project plans for re-evaluations designated as a Category 1 and 2. The project plans outline the areas of focus of the review, and associated timelines for the publication of the proposed decision.

The next update to this work plan will include target dates for the publication of proposed and final decisions for these active ingredients.

| Active Ingredient Name |
|---|
| Azoxystrobin |
| Clothianidin |
| Cymoxanil |
| Difethialone |
| Flucarbazone (Present As Flucarbazone-Sodium) |
| Flufenacet |
| Thiamethoxam |
| Triticonazole |

3.3 Re-evaluations to be initiated from 1 April 2017 to 31 March 2018

Re-evaluations for the following active ingredients are scheduled to be initiated from 1 April 2017 to 31 March 2018.

| Active Ingredient |
|---------------------|
| Spinosad |
| Florasulam |
| Zoxamide |
| p-Menthane-3,8-diol |
| Trinexapac-ethyl |

3.4 Special Review Work Plan

The following table lists the special reviews that PMRA is carrying out and the target publication dates for proposed and final decisions. Special reviews for which proposed decisions have been published are marked with a dash (-).

| Active Ingredient Name | Publication of Proposed Decision | Publication of Final Decision |
|---|----------------------------------|-------------------------------|
| 2,4 D | - | July 2017 ¹ |
| Acephate | - | March 2018 |
| Atrazine (initiated in 2017) ² | November 2019 | December 2020 |
| Bromoxynil | January 2019 ¹ | May 2020 ¹ |
| Carbaryl | - | December 2017 |
| Chloropicrin | - | June 2017 |
| Chlorthal-dimethyl | July 2017 ¹ | March 2018 |
| Clothianidin (Aquatic Invertebrates) | June 2018 | June 2019 |
| Clothianidin (Squash Bees) | December 2018 | March 2020 |
| Dichlorvos | December 2017 | March 2019 |
| Diodofon | September 2017 | February 2019 |
| Diphenylamine | September 2017 | December 2018 |
| Fluopicolide | February 2018 | March 2019 |
| Hexazinone | - | March 2018 |
| Imidacloprid (Squash Bees) | December 2018 | March 2020 |
| Linuron | March 2018 ¹ | March 2019 ¹ |
| Naled | March 2018 ¹ | March 2019 ¹ |
| Pentachlorophenol | August 2017 ¹ | February 2019 ¹ |
| Pymetrozine | October 2017 ¹ | September 2018 |
| Sodium chlorate | June 2017 | September 2018 |
| Tetrachlorvinphos | May 2018 | September 2019 |
| Thiamethoxam (Aquatic Invertebrates) | June 2018 | June 2019 |
| Thiamethoxam (Squash Bees) | December 2018 | March 2020 |

¹ Changes made to the date identified in the 2015-2020 work plan.

² While the Atrazine special review targeted for completion in March 2017 was completed as per the 2015-2020 work plan; PMRA initiated another special review of Atrazine assessing different aspects of concern in March 2017.