



# Regulatory Decision Document

RDD2005-02

## Formic Acid/NOD Formic Acid Pad and Mite-Away II™ Formic Acid Pad

The active ingredient NOD 65% Formic Acid Technical and the associated end-use products NOD Formic Acid Pad and Mite-Away II™ Formic Acid Pad as a treatment for varroa mite and tracheal mite pests of honeybees are eligible for full registration under the Pest Control Products (PCP) Regulations.

This decision is consistent with the proposal in the Proposed Regulatory Decision Document (PRDD) [PRDD2004-05](#), *Formic Acid/NOD Formic Acid Pad and Mite-Away II™ Formic Acid Pad*.

*(publié aussi en français)*

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## **1.0 Introduction**

This Regulatory Decision Document completes the Pest Management Regulatory Agency's (PMRA) regulatory decision-making process concerning the use of formic acid (NOD 65% Formic Acid Technical) and the associated end-use products NOD Formic Acid Pad and Mite-Away II™ Formic Acid Pad as a treatment for varroa mite and tracheal mite pests of honeybees.

## **2.0 Background**

The PMRA carried out an assessment of available information in accordance with the PCP Regulations. The assessment found that there was sufficient information to allow a determination of the safety, merit and value of the formic acid active ingredient (NOD 65% Formic Acid Technical) and the associated end-use products NOD Formic Acid Pad and Mite-Away II™ Formic Acid Pad manufactured by NOD Apiary Products Ltd. The PMRA concluded that the use of NOD 65% Formic Acid Technical in accordance with the label accompanying each end-use product has merit and value consistent with the PCP Regulations and does not entail an unacceptable risk of harm.

These products were proposed for registration in Proposed Regulatory Decision Document PRDD2004-05, *Formic Acid/NOD Formic Acid Pad and Mite-Away II™ Formic Acid Pad*. Comments received by the PMRA concerning PRDD2004-05 are addressed in Appendix I.

## **3.0 Regulatory decision**

Based on the considerations outlined above, the active ingredient NOD 65% Formic Acid Technical and the associated end-use products NOD Formic Acid Pad and Mite-Away II™ Formic Acid Pad as a treatment for varroa mite and tracheal mite pests of honeybees are eligible for full registration under the PCP Regulations.

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## Appendix I Comments and responses

The majority of comments received by the PMRA concerning PRDD2004-05 were primarily regarding the need to clarify the status of the use of 65% formic acid as a treatment for varroa mite and tracheal mite pests of honeybees as prescribed in Note to CAPCO document [C94-05](#), entitled *Proposed Scheduling of 65 Percent Formic Acid for the Detection and Control of Honey Bee Mites*. Apiarists may continue to use 65% formic acid in beehives consistent with the use directions prescribed in the Note to CAPCO (C94-05). Stakeholders will be consulted if any changes in approach are under consideration.

One comment was received from the applicant regarding two minor corrections to PRDD2004-05:

1) In Section 1.2, *Physical and chemical properties of the active substance and EPs*, the applicant indicated that although the physical state of the end-use products (EPs) is listed as a liquid, it is actually a solid containing a corrosive liquid. The PMRA agrees that because the end-use product is formulated by impregnating absorbing pads with a liquid solution of formic acid, the physical state of the end-use product should be listed as a solid containing a liquid. However, it is not required to add “corrosive” as this term describes the chemical property of the product and not its physical state.

2) In Table 7.9.1, *Summary data*, in the section entitled *Timing of application and special considerations for each period of treatment*, the applicant has indicated that the temperature range should read 10–26°C rather than 10–25°C. The PMRA agrees that the reference to 25°C is a typographical error and that the text should read “10–26°C”.