



California Notice 2024-24

TO: Pesticide Registrants and Other Stakeholders

SUBJECT: Notice of Completion of Final Risk Characterization Document and Final Exposure Assessment Document for the Non-Agricultural Uses of the Ingredient Imidacloprid

The Department of Pesticide Regulation (DPR) has completed a final Risk Characterization Document (RCD) and final Exposure Assessment Document (EAD) for the non-agricultural uses of the active ingredient imidacloprid consistent with requirements in Food and Agricultural Code (FAC) section 12838. In March 2024, the draft RCD and EAD were provided to the U.S. Environmental Protection Agency (U.S. EPA) and the Office of Environmental Health Hazard Assessment (OEHHA) for scientific peer review. DPR revised the RCD and EAD following review of updated databases and published literature as well as comments and submitted data received as a part of scientific review.

Comments from U.S. EPA, OEHHA, and one registrant all noted that DPR's draft assessment was overly conservative in its assumptions of dermal absorption of imidacloprid and exposures from impregnated pet collars. DPR has since revised the assumptions used for pet collars and dermal exposure estimates, which resulted in refined risk estimates involving those scenarios. Likewise, OEHHA noted that DPR's assessment of drinking water and dietary exposures may not have been conservative enough, in that the highest residue concentration detected in surface water and metabolites and degradates of imidacloprid should be considered. DPR refined the dietary exposure assessment and estimation of aggregate exposures accordingly. Overall, these changes resulted in fewer scenarios of concern for both professional handlers and residential bystanders in the final assessment.

The final RCD, final EAD, responses to scientific peer review, and response to one public comment from a registrant are available upon request and are not yet posted to DPR's website. To obtain copies, please submit a public records request via the [Public Records Portal](https://cdprca.nextrequest.com/) (Next Request) <cdprca.nextrequest.com/>. These technical documents are being converted to accessible formatting for posting on DPR's website. DPR is evaluating exposure scenarios of concern identified in the RCD and may determine control measures are necessary for the protection of human health. In accordance with FAC section 12838(c)(4), DPR shall adopt such any such control measures on or before July 1, 2029.

Please address all questions pertaining to DPR's human health risk assessment of imidacloprid to Brenna McNabb, Senior Environmental Scientist (Specialist), 916-445-0179 or by e-mail at [<Brenna.McNabb@cdpr.ca.gov>](mailto:Brenna.McNabb@cdpr.ca.gov).

Original signed by

12/31/2024

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Date

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