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M E M O R A N D U M

Status of Department of Pesticide Regulation Actions to Continuously Evaluate Pesticides and Mitigate Risks (as of June 30, 2025)

The Department of Pesticide Regulation (DPR) regulates pesticides to protect human health and the environment. Before a pesticide can be registered in California, DPR conducts an extensive review of scientific studies on potential human health and environmental impacts, as well as overall efficacy.

Food and Agricultural Code section 12824 requires DPR to continuously evaluate pesticides currently registered in California. One of the ways DPR satisfies this mandate is through reevaluation. California Code of Regulations, Title 3, Section 6220, et seq. describes the reevaluation process. DPR conducts pesticide reevaluations where, after investigating reported incidents or other information, the department determines that "a significant adverse impact has occurred or is likely to occur." In some cases, a risk assessment may be conducted as a part of a reevaluation. During reevaluation, the department may determine that additional restrictions on use of the pesticide are necessary. Mitigation may require the development and adoption of regulations through the rulemaking process, label changes, or other control measures including cancellation. If additional mitigation is needed, DPR is subject to applicable timelines established in AB 2113 or as otherwise provided by law.

Status of Active Continuous Evaluation and Mitigation Actions as of June 30, 2025

The DPR web page for Continuous Evaluation and Mitigation is updated at least annually by July 1. For historical reference, the table in this memo is the version posted on the department's webpage and reflects the status of the continuous evaluations and mitigation actions on or before June 30, 2025.

The following information is included in this update:

- **Active Ingredient (AI), Application Method, or Exposure Route:** This column lists what risks are being considered – risks associated with the pesticide's active ingredient, risks related to how the pesticide is applied or risks related to the source of potential pesticide exposure.
- **Action:** This column lists the action DPR is taking to identify the risk (risk assessment or reevaluation) or to control the risk (mitigation including label changes, rulemaking or other actions). Items in bold indicate a completed step. This section also identifies the continuous monitoring and studies planned to inform mitigation actions that may be necessary. If the action includes a rulemaking or regulatory process, it will be included on the department's recently proposed regulations or rulemaking calendar for the year.

- **Current Status/Next Steps:** This column shows the next anticipated actions or steps to move forward with identifying, addressing or mitigating risks to people or the environment and the estimated completion timeline for each step by quarter (Q) and year. Steps in bold have been completed since the previous update.

Active Ingredient, Application Method, or Exposure Route	Action	Current Status/Next Steps
Carbaryl	Mitigation: Human Health occupational exposure	• Complete review of USEPA's mitigation actions and compare to DPR's exposure risk findings by Q1 2026. • Develop potential mitigation options for any identified risks not yet addressed by Q1 2027.
Chloropicrin	Reevaluation: Human Health	• **Chloropicrin Manufacturer's Task Force (CMTF) completed Study 1 Q1 2025** • CMTF to complete a preliminary report for study 4 by Q3 2025. • CMTF to complete studies 2, 3, and 4 by Q4 2025. • Determine need for CMTF Study 5 by Q1 2026.[1] • Complete review of all required CMTF studies by Q2 2027. • If rulemaking or other mitigation is required, complete by Q2 2029.
Cyfluthrin	Reevaluation and Risk Assessment: Human Health	• **Completed human health risk assessment scoping document by Q2 2025.** • Complete human health risk assessment by Q4 2026. • If rulemaking or other mitigation is required, complete by Q4 2028.
1,3-Dichloropropene (1,3-D)	Rulemaking	• **Implemented regulations to restrict 1,3-D to protect residential bystanders in Q1 2024.** • **Noticed proposed regulations to restrict 1,3-D use to address cancer risks to occupational bystanders in Q4 2024.**

		• Submit final rulemaking record to OAL by November 17, 2025. • Risk management directive (RMD) for handler occupational exposures is anticipated to be issued by Q1 2026 and follow up rulemaking by Q4 2028.
Diphacinone and diphacinone sodium salt	Reevaluation: Environmental Impacts	• Conduct informal public workshops on potential mitigation by Q3 2025. • Complete scientific evaluation by Q4 2026. • If rulemaking or other mitigation is required, complete by Q3 2028.
Groundwater protections	Rulemaking	• **Proposed regulations in Q2 2025.** • Complete rulemaking by Q2 2026.
Non-Agricultural Outdoor Neonicotinoids – Timelines in FAC section 12838 (neonicotinoids) (Active ingredients: Imidacloprid, acetamiprid, clothianidin, dinotefuran, and thiamethoxam)	Reevaluation: Human Health and Environmental Impacts	• **Completed draft human health risk assessment for imidacloprid Q1 2024.** • **Completed final imidacloprid human health risk assessment Q1 2025.** • **Completed draft human health risk assessments for acetamiprid, clothianidin, dinotefuran, and thiamethoxam Q1 2025.** • **Complete evaluation of impact of neonicotinoid pesticides on aquatic organisms by Q2 2025.** • Complete final human health risk assessments for acetamiprid, clothianidin, dinotefuran, and thiamethoxam by Q1 2026. • Issue determination with respect to the reevaluation of neonicotinoid pesticides on their impacts to pollinating insects, aquatic organisms, and human health by Q3 2027. • If rulemaking or other mitigation is required, complete by Q3 2029.

Fipronil	Mitigation: Human Health and Environmental Impacts	• Complete Aquatic Risk Document for products used on pets by Q4 2025. • Develop potential mitigation options for any identified risks in the Pet Product Aquatic Risk Document and Human Health Risk Assessment by Q2 2026.
Linuron	Risk Assessment: Human Health	• Complete draft human health risk and exposure assessment documents for linuron Q3 2025. • Complete final human health risk and exposure assessment for linuron Q3 2026. • If rulemaking or other mitigation is required, complete by Q3 2028.
Paraquat Dichloride	Reevaluation: Environmental Impacts and Human Health	• **Published preliminary scientific reports and opened 45-day public comment period by Q4 2024.** • **Issued letter to registrants with next steps including request for mitigation proposal to address environmental impacts and required human health data as a part of reevaluation Q2 2025.** • Complete review of public comments by Q3 2025.[2] • If rulemaking or other mitigation is required, complete by Q1 2029.
Pesticide Decontamination Site and Eyewash	Rulemaking	• Develop proposed regulations for decontamination site and eyewash requirements for ag and non-ag settings by Q4 2025. • Notice regulatory package by Q2 2026. • Complete rulemaking by Q1 2027.
Phosphine	Mitigation: Human Health	• Complete report from monitoring study to quantify exposures during bagged commodity fumigations by Q4 2025. • Complete review of EPA's mitigation actions and compare to DPR's

		exposure risk findings identified in the RCD by Q2 2026. • Complete report for monitoring study to quantify exposures during tarped pile commodity fumigations using metallic phosphides by Q4 2026. • Identify if mitigation is needed by Q3 2027.
Propanil	Mitigation: Human Health	• Complete review of USEPA's mitigation actions and compare to DPR's exposure risk findings by Q4 2025. • Develop potential mitigation options for any identified risks not yet addressed by Q3 2026.
Propargite	Mitigation: Human Health	• Complete review of USEPA's mitigation actions and compare to DPR's exposure risk findings by Q4 2025. • Develop potential mitigation options for any identified risks nor yet addressed by Q4 2026.
Second-Generation Anticoagulant Rodenticides (SGARs) (Active Ingredients: Brodifacoum, Bromadiolone, Difethialone, and Difenacoum)	Reevaluation: Environmental Impacts	• Conduct informal public workshops on potential mitigation by Q3 2025. • Complete scientific evaluation by Q4 2026. • If rulemaking or other mitigation is required, complete by Q3 2028.
Simazine	Mitigation: Human Health	• Complete a review of USEPA's mitigation actions and compare to DPR's exposure risk findings by Q4 2025. • Develop potential mitigation options for any identified risks not yet addressed by Q1 2027.
Sulfuryl Fluoride	Mitigation: Human Health	• **Completed Phase 1 of an observational study of residential homes post-fumigation in Q2 2025.**

		• Review study results and determine any next steps by Q3 2025. • If needed, conduct Phase 2 of an observational study by Q4 2026.
Tribufos	Mitigation: Human Health	• **Completed a review in Q2 2024 of EPA's mitigation actions and compare to DPR's exposure risk findings.** • **Completed a memo in Q4 2024 on mitigation options to address identified risks that EPA's mitigation actions did not address.** • Meet with registrants to negotiate label language by Q3 2025. • Registrants submit draft labels for DPR approval by Q4 2025.

[1] Delayed by 1 quarter from previous date estimated in Jan. 2025 update to provide time for DPR review of all studies.

[2] Review of public comment timeline extended one quarter due to an extended comment period.

Current Status of Continuous Evaluation and Mitigation Priorities at DPR

For the most up-to-date information on current actions to continuously evaluate pesticides and mitigate risks, please visit DPR's website at https://www.cdpr.ca.gov/look-up-pesticide-info/.