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Gov. Gavin Newsom
Governor

Jared Blumenfeld
Secretary for
Environmental Protection

California Notice 2019-07

TO: Pesticide Registrants and Other Stakeholders

SUBJECT: REVISED GUIDANCE FOR DATA COLLECTION AND SUBMISSION OF SOIL FUMIGANT STUDIES

The Department of Pesticide Regulation (DPR) Environmental Monitoring Branch’s Air Protection Program uses soil fumigant field studies to evaluate the potential for a soil fumigant to have an adverse impact due to offsite movement. DPR uses the results of these studies to characterize emission rate (flux) potential and develop mitigation strategies to minimize pesticide exposure to bystanders from off-site movement of soil fumigant applications.

DPR’s “Revised Guidance for Data Collection and Submission of Soil Fumigant Field Studies” contains the following revisions from the previous guidance: (1) adoption of the AERMOD model, replacing the ISCST3 as the preferred air dispersion model; and (2) use of the HYDRUS model to develop flux profiles when field study data are inadequate to represent all the applications scenarios. This document also provides details of the required soil fumigant study data parameters, including application site information, meteorological data, terrain data, surface characteristics, soil characteristics, and air monitoring results.

The “Revised Guidance for Data Collection and Submission of Soil Fumigant Field Studies” document can be found on DPR’s website at https://www.cdpr.ca.gov/docs/emon/airinit/flux_data_submission_guideline_2019.pdf.

If you have questions regarding this notice, please contact the Pesticide Registration Ombudsman, Mr. Russell Darling at <Registration.Ombudsman@cdpr.ca.gov> or by telephone at 916-324-3547. If you have questions regarding the revised guidance document, please contact Environmental Program Manager II, Mr. Edgar Vidrio at <Edgar.Vidrio@cdpr.ca.gov> or by telephone at 916-323-2778.

Original signed by Ann M. Prichard

Ann M. Prichard, Chief
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916-324-3931

October 1, 2019

Date

cc: Mr. Edgar Vidrio, Environmental Program Manager II, DPR
Mr. Russell Darling, Senior Environmental Scientist (Specialist), DPR