



California Notice 2011-11

TO: PESTICIDE REGISTRANTS

SUBJECT: EFFICIENCIES IMPLEMENTED IN THE DATA EVALUATION PROCESS

In July 2010, the Department of Pesticide Regulation's (DPR's) Pesticide Registration Branch (PRB) initiated a pilot project to investigate the possibility of streamlining the evaluation of phytotoxicity data submitted to support the registration and amendment of pesticide products.

Previously, PRB routed new and amended insecticides, fungicides, miticides, nematicides, bactericides, pheromones, insect growth regulators, and adjuvants to PRB's Pest and Disease Protection station (PDP) for the evaluation of submitted efficacy data, and then to PRB's Plant Physiology station for the evaluation of phytotoxicity data. Since both stations have a number of registration submissions waiting for evaluation in the queue, it could take up to 60 days per station to complete each evaluation, making a registration submission review time of up to 120 days for just those two stations.

In general, phytotoxicity data submitted to support the registration or amendment of pesticide products is collected during the conduct of efficacy studies. Therefore, the results of the phytotoxicity studies tend to be reported within the same report as the results of the efficacy studies. In July 2010, PDP began evaluating both efficacy and phytotoxicity data submitted to support the amendment or registration of food-use products containing non-new active ingredients for the following pesticide types: insecticides, fungicides, miticides, nematicides, bactericides, pheromones, insect growth regulators, and adjuvants.

Based on the outcome the first six months of the pilot project, PRB continued the pilot project for additional six months, and expanded the project to include evaluations of phytotoxicity data for non-food use products containing non-new active ingredients for insecticides, fungicides, miticides, nematicides, bactericides, pheromones, insect growth regulators, and adjuvants intended for use with these pesticide types.

Phytotoxicity endpoints or criteria DPR evaluation scientists look for include plant necrosis, stunting, wilting, growth inhibition, maturation, and reduced yield. If the data indicate the presence of phytotoxicity that is not resolved within a reasonable time period, PDP scientists consult with a scientist in the Plant Physiology Evaluation station.



The Plant Physiology station continues to review phytotoxicity data submitted to support the amendment or registration of the following products: herbicides, plant growth regulators, products containing new active ingredients, and adjuvants intended for general use with all pesticide types.

Based on efficiencies of approximately 60 days per submission during the pilot project, PRB has incorporated the streamlined evaluation process into our formal data evaluation process.

If you have any questions, please contact Ms. Liz Pelham by e-mail at <lpelham@cdpr.ca.gov> or by telephone at 916-445-7234.

*Original signed by*

*October 4, 2011*

---

Ann M. Prichard, Chief  
Pesticide Registration Branch  
916-324-3931

---

Date

cc: Ms. Liz Pelham, Environmental Program Manager I