



Paul Helliher  
Director

# Department of Pesticide Regulation



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Environmental  
Protection Agency

DEPARTMENT OF PESTICIDE REGULATION  
PESTICIDE REGISTRATION AND EVALUATION COMMITTEE  
Meeting Minutes November 15, 2002

Committee Members/Alternates in Attendance:

Claudia Moore, Integrated Waste Management Board (IWMB)  
Syed Ali, State Water Resources Control Board (SWRCB)  
Kathleen Thuner, San Diego County Department of Agriculture  
Rebecca Sisco, University of California-Davis, IR-4 Program  
Brian Finlayson, Department of Fish and Game  
Barbara Todd, Department of Food and Agriculture (CDFA)  
Lynn Baker, Air Resources Board (ARB)  
Tobi Jones, Department of Pesticide Regulation (DPR)  
Anna Fan, Office of Environmental Health Hazard Assessment (OEHHA)

Visitors in Attendance:

Arthur Lawyer, Technology Science Group, Inc.  
Brian Bret, Dow AgroScience  
Oleta Melnicoe, Technology Sciences Group  
Wayne Beyer, PBI Gordon  
Kevin Keefer, CPHA  
Jon Restani, Computer Associates  
Steve Rodriguez, SWRCB  
Ann Prichard, DPR  
David Supkoff, DPR  
Jeanne Martin, DPR  
Chuck Andrews, DPR  
Wesley Carr, DPR

1. Introductions and Committee Business – Tobi Jones, Chairperson
  - a. About 21 people attended the meeting.
  - b. One correction was made to the minutes of the September 20, 2002, meeting.  
Brian Finlayson, Department of Fish and Game, attended the meeting, but was not listed in the minutes.

**FLEX YOUR POWER!**  For simple ways to reduce energy demand and costs, see <[www.cdpr.ca.gov](http://www.cdpr.ca.gov)>.

2. Overview of IR-4 Program—Rebecca Sisco

The chair introduced this item as the first in an ongoing effort to acquaint all committee members with the responsibilities of the departments and programs represented on the PREC as they relate to pesticides.

IR-4 is the only publicly funded program in the U. S. that conducts research and submits petitions to the U.S. Environmental Protection Agency (EPA) for registration of pest control agents on specialty crops. Specialty crops include most vegetables, fruits, nuts, herbs, spices, nursery and landscape plants, and flowers. All are high value/low acreage crops and make up about 40% of U.S. agricultural production (\$40 billion). Specialty crops are sometimes called "minor crops" because each is grown on 300,000 acres or less compared to million of acres dedicated to major crops such as corn, soybeans, and wheat. However, the gross returns per acre for minor crops can run into thousands of dollars compared to hundreds of dollars for the large acreage crops. Twenty-three states derive more than 50% of their agricultural crop sales from minor crops.

The crop protection industry lacks incentive to pursue registrations on specialty crops because low acreage means low return on investment. Recognizing this, the state land grant universities and the U.S. Department of Agriculture (USDA) organized IR-4 (short for Interregional Research Project No. 4) in 1963 to address the chronic shortage of pest control options for minor crops. IR-4 has evolved as a bridge to registration by generating and supplying research data needed by EPA in order to register compounds for use on specialty crops.

IR-4 works continually with growers, scientists and commodity organizations to identify minor crop pest control needs. Anyone can submit a research request by filling out the Project Clearance Request (PCR) form on this web site. The requests are prioritized yearly and research assignments are made. In response to the 1996 Food Quality Protection Act (FQPA), reduced-risk and safer chemistry projects now account for 80% of IR-4's research. Field and laboratory research data for food crops are subject to Good Laboratory Practices. Each project is targeted for a 30-month completion date. Food crop data are organized into petitions and submitted to EPA for approval of food residue tolerances (Maximum Residue Limits).

Funding for IR-4 comes from the USDA, the Cooperative State Research, Education and Extension Service (CSREES) and the Agricultural Research Service (ARS), and state land grant universities. IR-4 Headquarters is located at Rutgers University. Each state has an IR-4 State Liaison at their land grant university. Four regional IR-4 research centers are maintained at Cornell University, Geneva, Michigan State University, University of California, Davis, and the University of Florida. There are numerous field research centers and satellite laboratory as well. The ARS minor use program is an

integral part of IR-4, supplying data through its own regional field and laboratory facilities. Food crop projects are the largest part of the IR-4 work

3. DPR Workshare Activities with U.S. EPA – David Supkoff, DPR

David Supkoff gave a presentation on current workshare activities with U.S. EPA. He described the three primary workshare projects, which include (1) tolerance review for minor crops, (2) concurrent review, and (3) joint data review. Tolerance review for minor crops involves coordinating activities with U.S. EPA, and USDA's IR-4 Minor Crop program to share work on reviewing tolerance petitions for pesticides for California crops. DPR's efforts have addressed approximately 10% of U.S. EPA's workload, covering 30% of the submitted IR-4 petitions.

Concurrent review involves simultaneous evaluation of data on new active ingredients submitted to U.S. EPA and DPR with the goal of registration in California just after registration by U.S. EPA. DPR currently accepts for concurrent review new products containing microbial or biochemical active ingredients, experimental use permits as well as new and amended antimicrobial pesticides that control pests that pose a threat to human health.

Joint data review involves sharing of data evaluations by DPR and U.S. EPA. We are currently working on joint data review for a biopesticide, and plan to continue our workshare activities in this area.

4. Clopyralid and Compost: Implementation of AB 2356 – Tobi Jones

Tobi reviewed background on clopyralid and the compost industry's support of legislation in the 2002 session to address their concerns about potential contamination. AB 2356 limits the sale of all clopyralid products to licensed dealers, and limits the sale of lawn and turf products to qualified applicators. By April 2003, DPR must determine which uses of lawn and turf products are likely to result in persistent residues in compost. For those lawn and turf uses not covered by the determination, DPR must restrict the uses or cancel products with those uses. Tobi discussed some of the information that DPR will probably use in making its determination and considerations for the restriction option.

5. Water Grant Program – Steve Rodriguez SWRCB

Steven Rodriguez from SWRCB gave a brief presentation on the availability of Pesticide Research and Identification of Source, and Mitigation Grant Request for Proposals. Local public agencies and nonprofits organizations will be eligible for \$10,000,000 in grants to be offered late 2002 through March 2003. Applicants and agencies present are encouraged to

apply. RFP will be available at the SWRCB web site at:

<http://www.swrcb.ca.gov/funding/index.html> .

6. Requirements for Registering Pesticides – Ann Prichard, DPR

Ann Prichard explained the requirements in registering pesticides. The pesticide product data requirements have not changed.

Data requirements to register a new pesticide product containing a **currently registered** active ingredient:

- Acute toxicology.
- Product chemistry.
- Residue chemistry for food or feed crop uses unless U.S. EPA has exempted the active ingredient from its food tolerance requirement.
- Environmental fate (FAC §13141 et. seq), if registration is for the first agricultural use of a pesticide product containing a currently registered active ingredient.
- Efficacy, if applicable.
- Phytotoxicity, if applicable.
- Fish and wildlife, if applicable.
- Worker/user safety.  
Dermal absorption, if applicable.  
Indoor exposure, if applicable.  
Mixer, loader, applicator, if applicable.
- All data that the DPR applicant submitted to the U.S. EPA in support of its application for federal registration of the pesticide product for which the applicant is seeking DPR registration.

Data requirements to register a pesticide product containing a **new** active ingredient:

- All data listed above for registering a new pesticide product containing a currently registered active ingredient.
- Environmental fate (FAC §13141 et seq.), if the product is intended for agricultural use.

- Chronic toxicology/ health effects data (FAC §13121 et seq.).

For amendments to currently registered pesticide products, DPR only requires scientific data applicable to support the amendment.

7. Committee Discussion on Meeting time-PREC Committee

The chair led a discussion of changing the meeting time from the third Friday, every other month. DPR has been asked by the California Plant Health Association to consider an alternate time to facilitate their members' attendance. Tobi indicated she would further canvass all of the committee by email.

8. Fumigant Report Update- Tobi Jones

Tobi provided the committee the September update of the fumigant report.

9. Agenda Items for Next Meeting and Location – Tobi Jones, DPR

The next meeting will be held on Friday, January 17,2003, in the Sierra Hearing Room located on the second floor of the Cal/EPA building.

10. Closing Comments – Tobi Jones, DPR

The meeting was adjourned.