



Department of Pesticide Regulation's  
**AGRICULTURAL PEST CONTROL  
ADVISORY COMMITTEE**

Next Meeting: **Wednesday, July 11, 2007**  
9:30 a.m. - 12:00 p.m.

Location: 1001 I Street  
Training Rooms East/West, 1st floor  
Sacramento, California 95812

Members Present: (10), *Linda LaVanne- Agricultural Pest Control Advisers, Barbara Todd- Department of Food and Agriculture (Ex-Officio), Tim Stone – PAPA, Ronald Berg- Pest Control Dealers, Richard Stoltz- Pest Control Aircraft Pilots, Matt Scally- Maintenance Gardener Pest Control Business, Mary Louise Flint-UCIPM, Jim Farrar-California State University System, Wayne Steele-Registrants, and Scott Hudson- County Agricultural Commissioner Association.*

Department Staff: (5) *David Duncan- Chair of Committee (Ch), Mac Takeda, Mark Robertson, Nita Davidson, and Rayven Jenkins*

Guests: (9) *Judy Letterman- PAPA, Susan Cohen- University of California, Joyce Basan-CAPCA, Terry Stark-CAPCA, Doug Okumura-Lawson & Associates, Raoul Lievanos -UCD John Muir Institute, Gary Silveria -CAPCA), Chris Simas -Agriform, and Renee Pina -WPHA*

Members Absent: (4)– *Tim Butler – Registrants, Ken Nichols– Pest Control Businesses, Jean La Duc- General Public, and David De Silva – Board of Governors of the Community Colleges,*

Member Vacancies: (1)- *Vacant – Producers FAC section 56115*

## AGENDA

**9:30-9:35** Introduction of members and others in attendance and review of agenda  
David Duncan, Department of Pesticide Regulation (DPR)

New members, Wayne Steel (registrants) and Matthew Scally (maintenance gardener pest control business), were introduced.

**9:35-9:40** Review and approval of April 11, 2007 meeting minutes  
Committee

Tim Stone of PAPA was listed as a guest; minutes will be revised to show he is a member. Matthew Scally was also listed as a guest, but his name was misspelled. The minutes will be revised to correct the spelling. Tim Stone's appointment letter was sent to him on June 4, 2007, representing Commercial Applicator Certificate Holders. He was not a member of the APCAC when it met on April 11, 2007.

**9:40-9:50** DPR Licensing website changes and 2008-09 license renewal update  
Mac Takeda, David Duncan, DPR

### **Website:**

1. The DPR Licensing and Certification Fees form has been simplified for clarity.
2. Pest Control Business Licensee Application: The scope of license, 'Do you need a license,' has been modified. The description of financial responsibility options was simplified, and Insurance forms as well as a sample Acord Certificate of Insurance document issued by the insurance company. Hopefully this will make it easier for companies to meet the chemical liability requirements.

3. Maintenance Gardener Pest Control Business License Application: The scope of license, 'Do you need a license,' has been modified. There are expanded financial responsibility options, and Insurance forms as well as a sample Certificate of Insurance Accord document issued by the insurance company. Hopefully this will make it easier for companies to meet requirements.

**Renewal:**

The renewal package this year has been reduced to not more than 4 sheets of paper so Reproduction Services can stuff and mail them out more easily. The applicant will be directed to the DPR web site for the credit card form and the survey form. A bookmark providing timeline renewal information will be included in the packet. The renewals should be mailed out in the latter part of August or early September. This year, approximately 14,000 renewal notices will be sent to licensees whose names begin with M thru Z..This will include the new licenses that will be issued between now and in October.

**Q.** Judy Letterman asked: If a new license applicant tested and passed the October examinations and needed the license right away, how is this handled?

**A.** The applicant is asked if they need the license right away or if they can wait until the beginning of the next year. If they need the license right away, he/she must pay what's called a 2<sup>nd</sup> yr fee to make the license valid through the end of the calendar year. Then if they would normally renew at the end of 2007, they will also receive a renewal notice.

**New Business License:**

A new, more professional-looking business license with a watermark and electronic signature is currently being drafted. It will upgrade the business license we currently have to look like a typical legal document.

**Q.** Susan Cohen asked: Is there a way to provide a list of qualified applicators with category B only?

**A.** Mac said he could provide her with such a list.

**9:50-10:30                    Pest Control Adviser minimum qualification regulation proposal**  
David Duncan and APCAC subcommittee, full committee discussion

In 2003, it was noted by DPR that the Agricultural Pest Control Adviser license applicants were not meeting the minimum qualification requirements for licensure, so DPR suggested modifying those requirements. A subcommittee established by the APCAC chair made recommendations to the Director that were incorporated into a regulation amendment package to make the minimum qualifications more flexible but still uphold educational standards.

Comments on the regulation proposal focused for the most part on work experience and advanced degrees. A draft of the recommendations made by the APCAC subcommittee were presented to the full committee for discussion.

Terry Stark, Executive Director of the California Association of Pest Control Advisers, stated that the minimum qualifications are unfair to professionals with advanced degrees and he asked that professionals with master's degrees or PhDs be able to qualify for the PCA exam. The subcommittee felt that they had addressed the area when they made their recommendations and stated that those with advanced degrees will have taken additional applicable course work to qualify for the advanced degree and those same courses will satisfy the PCA MQs. Terry Stark asked the subcommittee to consider Director's discretion to qualify applicants with advanced degrees. Much discussion followed.

The subcommittee offered to revise its recommendations to recognize CAPCA's recommendation. The full committee moved, seconded, and passed the subcommittee's recommendations with some additional minor commentary. The recommendations will be forwarded to the Director.

Once the regulation package is revised, it will likely be noticed for a 15-day comment period, and finally the package will be prepared for a 30-day review by the Office of Administrative Law (OAL). After that, the regulation will be effective 30 days after filing with the Secretary of State.

We should see the proposed regulations adopted sometime in the spring. Dave gave his heartfelt thanks to the subcommittee for all of their hard work.

10:30-10:50 (BREAK TBA)

10:50-11:15 Pesticide application technology project  
Mark Robertson, Pest Management and Licensing Branch, DPR

Mark Robertson presented his research project on the Multi-fan Test & Demonstration Sprayer for Orchards and Vineyards. It was initially funded by the Western Farm Service, Hypro Corp., and Western Plant Health Assoc. DPR is now preparing contracts with the University of California at Davis and California Polytechnic University at San Luis Obispo for construction and field testing of the Multi-fan Sprayer for Orchards and Vineyards. The cooperative project between Cal Poly San Luis Obispo and University of California at Davis will engineer and field test a variable rate sprayer that will also incorporate target sensing technology as well as GPS and GIS features.

Participants:

Mike Costello-Cal Poly, Ken Giles-UC Davis, Mark Zohns-Cal Poly, John Philips-Cal Poly, Dave Lawson & Associates, Western Plant Health Assoc., and Western Farm Services

Project goals:

Reduce pesticide use: Improve on target coverage, Variable rate application, reduce non-target application, and reduce drift. Goal is to move through orchard evenly and to track all pesticide use, provide correct historical record and be able to use pesticide in specific areas only.

Project components:

Spray rig engineering and construction, Fluid handling system, Variable rate technology, and Field-testing

Spray rig engineering and construction:

Articulating arms, Flexible carriage, Adjustable fan positions, and Rugged construction

Variable-rate technology:

Pump-nozzle-pressure regulator-spray controller combinations  
Applicator rate, ground speed, and orchard/vineyard size

Quantum mist fans:

Variable rate application, even coverage, reduced drift, and reduced non-target deposition

Variable Rate Technology:

Smart spray-ultrasonic sensor-spray controller, Raven calibration system, GPS-Vehicle guidance system, Weather station alert, and Geographic Information System (GIS) field mapping software

Field-testing in vineyard and orchard:

Test multi-fan sprayer against Air blast sprayer, Adjuvants, Pesticide use rates, Pesticide depositions, Coverage, and off target deposition

Project time frame:

Spray rig engineering-end of 2007, Variable rate technology-spring 2008, Field testing-2008 & 2009, Final report-spring 2010

11:15-11:30 IPM in the structural setting  
Nita Davidson, Pest Management and Licensing Branch, DPR

Nita Davidson gave a presentation, "IPM in the Structural Setting."

- IPM Certification for Structural Pest Control Operators (PCO)
- IPM Contracting-request for IPM services
  - New Challenges for PCOs
    - Response of the structural Pest Control Board-Create three new committees

- **Water Quality Committee**
  - Acknowledge potential contamination of surface water from PCO activities
  - Accept presence of voluntary IPM certification program (EcoWise)
- **IPM Definition Committee**
  - Develop a definition for structural IPM and associated words or phrases (e.g., nontarget organism)
  - Tie definition into IPM certification and false & misleading advertising.
- **Truth in Advertising**
  - False & Misleading Advertising: 1999.5 of Title 16 (Profession & Vocational Code) states: *It is unlawful for any licensee, or employee thereof, directly to make, disseminate, represent, claim, state, or advertise, or cause to be made, disseminated, claimed, stated or advertised by any manner or means whatever, any statement or representation concerning structural pest control... which is unfair, deceptive, untrue or misleading, and which is known, or which by the exercise of reasonable care should be known to be unfair, deceptive, untrue, or misleading.*
  - Original intention: protect consumers from false claims and avoid ‘snake oil’ backfires. You can’t make claims in ads such as “Safer for kids & pets”, “We use natural products”, and “We use IPM practices.”
- **IPM Certification for PCOs**
  - A program that certifies Branch 2 PCOs who demonstrate proficiency in IPM practices
  - Evaluates PCOs through an exam and site inspections
  - Water Board funded to prevent pesticide runoff into urban creeks
  - Geographically focused on SF bay Area and Sacramento Area PCOs

Urban Pest Management Working Group-special project of the Pest Management Advisory Committee (PMAC)

Subcommittee of PMAC

Grew out of last year’s working group-Pest management in the 21<sup>st</sup> century (PM21)

Four Issues:

- Address urban pest management issues – Concerns, Justification, and recommendation.
- Restore alliance grant program
- Expand relationship between DPR and UC and CSU
- Reconfigure the PMAC membership

Mary-Ann wants documentation of specific concerns and issues. Report is due in November.

11:30-11:45            **UC IPM update**  
Mary Lou Flint, Susan Cohen, UC Davis IPM

*Maintenance Gardener Study Guide*: semi final draft – one more review.

*Fumigation Study Guide*: UCIPM just hired Pat Brown to be the Senior Writer for the Field Fumigation study guide. By early 2009, UCIPM hopes to have this study guide out. Someone suggested calling it ‘Field Treatment’ instead of ‘Field Fumigation.’

*Committee for Field Fumigation*: Anyone interested? Anti-microbial subcategory study guide is possibly the next one for the future.

11:45-11:50            **Next agenda and meeting date**  
Committee

**Tuesday, November 13, 2007**

**Time:** 9:30 am - 12:30pm

**Place:** 1001 I Street  
Training room 1 East and West (First Floor)  
Sacramento

Questions about this agenda should be directed to David Duncan at (916) 445-3870 or dduncan@cdpr.ca.gov