

METHODS COMMITTEE REPORTS

Committee on Pesticides and Disinfectant Formulations

ADRIAN W. BURNS, CHAIR

U.S. Environmental Protection Agency, Office of Pesticide Programs, 701 Mapes Rd, Fort Meade, MD 20755-5350

WARREN ROBERT BONTOYAN

Maryland Department of Agriculture, 50 Harry S. Truman Pkwy, Annapolis, MD 21401

VICTORIA SIEGEL

EnviroData Group, 2520 Regency Rd, Lexington, KY 40503-2921

DOUG MARSH

Arizona Department of Agriculture, State Agriculture Laboratory, 2422 West Holly, Phoenix, AZ 85009-2701

RODNEY J. NOEL

Purdue University, Office of the Indiana State Chemist, 1154 Biochemistry Bldg, West Lafayette, IN 47907-1154

CHRISTOPHER L. RITLAND

Nevada Department of Agriculture, 350 Capitol Hill Ave, Reno, NV 89502

LILIA RIVERA, ACTING SECRETARY

California Department of Food and Agriculture, 3292 Meadowview Rd, Sacramento, CA 95832

EUGENE CHECKIK, SAFETY ADVISOR

Maryland Department of Agriculture, State Chemist Section, 100 Harry S. Truman Pkwy, Annapolis, MD 21415

JUNG K. LEE, STATISTICAL ADVISOR

U.S. Food and Drug Administration, HFS-705, 5100 Paint Branch Pkwy, College Park, MD 20740-3835

DIANE M. RAINS, SECRETARY, INCOMING

U.S. Environmental Protection Agency, Office of Pesticide Programs, 701 Mapes Rd, Fort Meade, MD 20755-5350

Committee Actions

The following activities are in progress: Bifenthrin manuscript was distributed to Committee members present. The Maleic Hydrazide method is being edited for final version. Hydrazine in Maleic Hydrazide collaborative manuscript is being readied for Committee review. Pendimethalin formulations study is being discontinued. Recruitment will continue for Study Directors and General Referees in order to facilitate identification of methods for

study. Lynda Podhorniak has been recommended and has agreed to become the new General Referee for Fungicides and Rodenticides upon formal appointment. Warren Bontoyan has agreed to serve as the General Referee for Collaborative International Pesticides Analytical Council (CIPAC) Studies through December 31, 2006. Diane Rains has agreed to become the Secretary for the Committee.

CIPAC Studies, Vacant

No report this year. Alan Hanks has retired as the representative to CIPAC. Warren Bontoyan has agreed to serve in this capacity through December 31, 2006.

Insecticides, Synergists, and Repellent, Khanh Nguyen

General Referee Khanh Nguyen, Wellmark International, 12200 Denton Dr, Dallas, TX 75234, Tel: 800-699-6374, Lab: 800-699-8599, Fax: 972-888-8524, E-mail: khanh.nguyen@wellmark.com.

Bifenthrin manuscript distributed to the Committee members present for review. No report received at this time.

Pesticide Formulations: Herbicides, James Daft

General Referee James Daft, U.S. Food and Drug Administration, 11630 W. 80th St, Lenexa, KS 66214-3340, Tel: 913-752-2165, E-mail: jdaft@ora.fda.gov. Scientific reports show successful LC/MS/MS determination of herbicides in various products. This application is expensive compared to GC and LC with traditional detectors. Yet its low-level capability could make it a standard herbicide method in the near future.

(1) *Acetanilide formulations*: Discontinue study.

(2) *Glyphosate formulations*: Advisor David F. Tomkins. Data from 7 laboratories on 6 matched pairs of glyphosate formulations materials were presented at the poster session during the Annual Meeting in St. Louis. This preliminary supportive data will be reviewed for adoption as a method extension of AOAC Methods **983.10** and **996.12** (see Committee Actions). Continue study.

(3) *Hydrazine in maleic hydrazide*: Study Director Anthony Riggs, Crompton Corp., PO Box 1120, 120 Huron St, Guelph, Ontario N1H 6N3, Canada, Tel: 519-763-5045, E-mail: tony.riggs@cromptoncorp.com. Collaborative study manuscript being readied for Committee review. Continue study.

(4) *Maleic hydrazide*: Study Director Anthony Riggs. The Committee has previously voted to grant First Action status with editorial recommendations. The collaborative manuscript is being edited to include Committee's recommendations. Continue study.

(5) *Pendimethalin formulations*: Discontinue study.

Pesticide Formulations: Fungicides and Rodenticides, Diane Rains

General Referee Diane Rains, U.S. Environmental Protection Agency, 701 Mapes Rd, Fort Meade, MD 20755-5350, Tel: 410-305-2908, E-mail: rains.diane@epa.gov. A review of the AOAC methods in OMA, Chapter 7, Pesticide Formulations, Subchapter 3, Fungicides has the following needs: new methods for aldicarb, benomyl, and carbaryl. Method modification of the GC methods, fluometuron, pirimicarb, and thiocarbamates to use newer capillary columns. Method modification of the HPLC methods anilazine, bendiocarb, carbofuran, methiocarb, propoxur, thiodicarb, and triadimefon to newer column dimensions. Lynda Podhorniak, U.S. Environmental Protection Agency, 701 Mapes Rd, Fort Meade, MD 20755-5350, Tel: 410-305-2926, E-mail: podhorniak.lynda@epa.gov, was recommended to be the new General Referee.

Disinfectant Formulations, Dallas Wright

General Referee Dallas Wright, U.S. Environmental Protection Agency, 701 Mapes Rd, Fort Meade, MD 20755-5350, Tel: 410-305-2909, E-mail: wright.dallas@epa.gov. No report received.

Other Business

The Chair informed the Committee that it is in fact an Agricultural Materials Community Subgroup and can propose, identify, and bring forth future needed collaborative studies and method extensions/modifications upon prioritization.

The Agricultural Materials Community concept was presented and explained by the Chair and Rodney Noel. Committee members enthusiastically agreed with the concept of updating existing OMA methods in Chapter 7 by method modifications utilizing the Agricultural Materials Community process as appropriate.