

## METHODS COMMITTEE REPORTS

# Committee on Pesticides and Disinfectant Formulations

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## Committee Actions

Although there was no major action in the committee this year, the following activities are in progress: (1) Review of the second revision of the manuscript for the Maleic Hydrazide (A-1) collaborative study is completed. A teleconference with the Committee prior to this Annual Meeting was held to consider First Action vote. The Maleic Hydrazide collaborative study was accepted as First Action pending additional editing rewrites with review and acceptance by

Chair, et al.; (2) A copy of the manuscript for the Hydrazine in Maleic Hydrazide (A-2) collaborative study was distributed and received by Committee member just prior to this Annual Meeting and review will begin; (3) The Committee received a method on bifenthrin and is now looking for a Study Director. Recruitment continues for Study Directors, Topic Advisors, and Method Advisors in order to facilitate identification of methods for study.

David Tompkins and Walter Gavlick, Monsanto Co., Topic Advisors for Glyphosate Formulations, presented and provided the Committee an updated version of Methods **983.10** and **997.12** (Glyphosate in Technical Materials and Formulations) with minor modifications. After discussion, suggestions, and comments, Alan Hanks made the motion to accept the method with minor modifications noted and pending receipt of additional information requested. Motion seconded by Warren Bontroyan. More discussion followed and motion passed unanimously.

Hanks recommended, with agreement by the Committee, that the First Action Method **999.04** Chlorthalonil be put on the OMB's next meeting agenda for consideration for Final Action.

The Study Director for Pendimethalin Formulations has relocated and is no longer associated with pesticides. Suggestion was made and agreed to seek a new Study Director. The topic will be put on hold.

### *CIPAC Studies, Alan Hanks*

CIPAC General Referee and Committee representative Alan Hanks, Office of the Indiana State Chemist, Purdue University, 1154 Biochemistry Building, West Lafayette, IN 47907-1154, Tel: 765-494-1492, Fax: 765-494-4331, E-mail: hanksa@purdue.edu.

The 48th Annual Meeting and Symposium of the Collaborative International Pesticide Analytical Council (CIPAC) held in June 2004 in Brno, Czech Republic. Six small-scale studies of new methods were reviewed and recommended for full collaborative study; 8 full collaborative studies were accepted as Provisional CIPAC Methods; 3 provisional methods were accepted as Full CIPAC Methods; 3 Physicochemical Methods were accepted as Provisional CIPAC MT Methods; and 3 CIPAC provisional MT Methods were accepted as Full CIPAC MT Methods. There were 2 method extensions made provisional and one prior provisional extension made full, and identity tests were accepted for 2 existing CIPAC methods. A list of decisions made at the meeting is included as an attachment and posted on the CIPAC Web page ([www.cipac.org](http://www.cipac.org)). No recommendations to the Committee at this time.

*Insecticides, Synergists, and Repellent, Khan 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: kxanh.nguyen@wellmarkint.com.

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, Fax: 913-752-2151, E-mail: jdaft@ora.fda.gov.

Established, as well as newer methods, need continual updating and validation to meet the analytical requirements necessary for screening the food supply for various herbicides. These methods employ liquid-liquid, liquid-solid, solid-phase, hydrolysis or accelerated solvent/pressure extraction methodologies. Ester-derivatization continues to be utilized for acid herbicides in many laboratories. Determination is done by GC, LC, and GC/LC-MS procedures with a strong increase in the use of LC-MS.

(1) *Acetanilide Formulations*: Topic Advisor David F. Tomkins, Monsanto Co., PO Box 473, Muscatine, IA 52761, Tel: 319-262-7305, Fax: 319-288-6273, E-mail: david.f.tomkins@monsanto.com. Continue topic.

(2) *Glyphosate Formulations*: Topic 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. The preliminary supportive data will serve as a basis for application and adoption of a method extension of AOAC Methods **983.10** and **996.12** (see *Committee Actions*). Continue topic.

(3) *Hydrazine in Maleic Hydrazide*: Study Director Anthony Riggs, Crompton Corp., PO Box 1120, 120 Huron St, Guelph, Ontario N1H 6N3, Canada, Tel: 519-822-33790, Fax: 519-763-5045, E-mail: tony.rigg@cromptoncorp.com.

Protocol approved. Collaborative manuscript submitted for review. Continue study.

(4) *Maleic Hydrazide*: Study Director Jim Mertz, Crompton Corp., G-40, 199 Benson Rd, Middlebury, M/S-G40, Middlebury, CT 06749, Tel: 203-573-3672, Fax: 203-573-2714, E-mail: jim\_mertz@cromptoncorp.com. Protocol approved. Collaborative manuscript reviewed. Voted by Committee as First Action pending final recommendations and notations. Continue study.

(5) *Pendimethalin Formulations*: Need new Study Director (see *Committee Actions*). A revised protocol exists and was submitted for review. Study on hold until revised protocol located and new Study Director found.

*Pesticide Formulations: Fungicides and Rodenticides, Diane Rains*

General Referee Diane Rains, U.S. Environmental Protection Agency, OPP/BEAD/ACB, 701 Mapes Rd, Fort Meade, MD 20755-5350, Tel: 410-305-2908, Fax: 410-305-3091, E-mail: rains.diane@epamail.epa.gov. No report submitted at this time.

*Disinfectant Formulations, Dallas Wright*

General Referee Dallas Wright, U.S. Environmental Protection Agency, OPP, Environmental Science Center, 701 Mapes Rd, Fort Meade, MD 20755-5350, Tel: 410-305-2909, Fax: 410-305-3091, E-mail: wright.dallas@epa.gov. There is a need for collaborated methods for antimicrobial products. The expectation of paying a fee to get a study going continues to be a deterrent especially for state laboratories. No formal report submitted at this time.

*Other Business*

The OMB policy changes were distributed and summarized. The workshop was announced and a flyer was distributed. A call for nominations and/or volunteers to be members of the Agricultural Materials Community, Pesticides Formulations Subgroup was made.