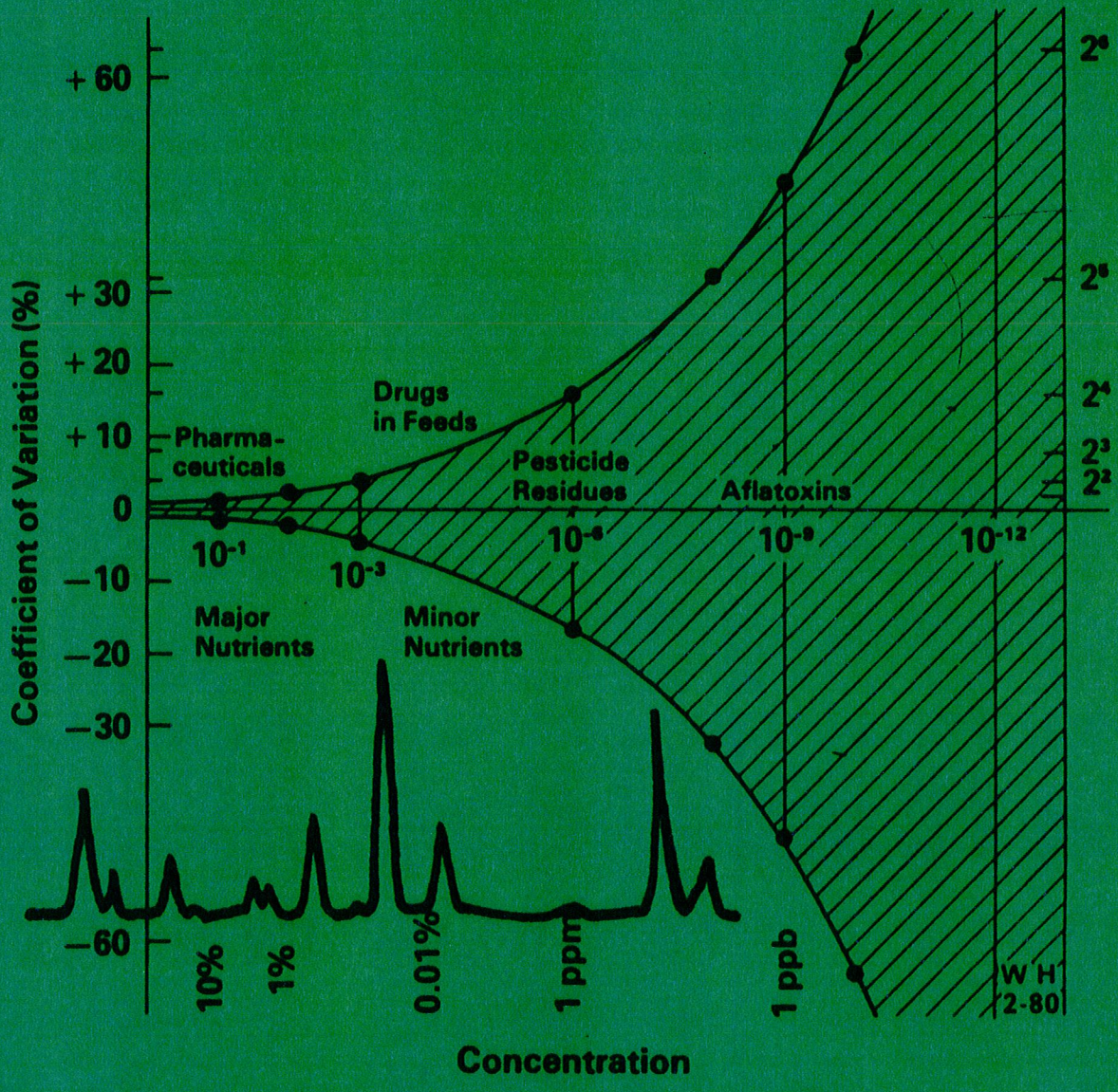
W.G. Fong

23rd ANNUAL

PESTICIDE RESIDUE WORKSHOP



St. Petersburg Beach, Florida

July 20–23, 1986

FLORIDA DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

23rd ANNUAL PESTICIDE RESIDUE WORKSHOP
JULY 20 - 23, 1986
DOLPHIN BEACH RESORT, ST. PETERSBURG BEACH, FLORIDA

Sunday, July 20

4:00 - 6:00 p.m. Registration

Meetings and Instrument Displays Are To Be Held In The Royal Dolphin Room

Instrument Display Will Open Daily on Monday, July 21 and Tuesday, July 22.

Visit and Talk to the Representatives.

EXHIBITORS

Ace Glass----------Mr. Dom Underwood

Analytical BioChemistry Laboratory, Inc.---Mr. Ralph Waltz

Chromtec----------Mr. Marlin Bensinger
Mr. Mike Bogan

E. M. Science----------Mr. Barry Silver

Gervin Massey and Associates----------Mr. Gervin Massey

Hewlett-Packard----------Mr. Jim Hagan
Mr. Tom Stocks

IBM - Analytical Division----------Mr. Paul Stewart

Kratos Analytical----------Mr. David Isom
Mr. Randy Curles

Mallinckrodt Chemical Co.----------Mr. Chuck Luke

Perkin-Elmer Corporation----------Mr. Jim Wagner
Mr. Lawrence Myers

Sci-Con----------Mr. Jim Westmoreland

Scientific Glass Engineering, Inc.----------Mr. Ken Mahler

Southern Analytical----------Mr. Robert Kunkle

Varian Instrument Group----------Mr. Mickey McAllister
Mr. Ray Willis
Dr. Steve Scypinski

Waters Chromatography Division----------Mr. Larry Giles

Southern Measurement Company----------Terry Layne

Door prizes
Methodology
Paraquat & Diquat Forum
Tobacco meeting

Monday, July 21

Group Picture tomorrow

8:00 - 8:30 a.m.	Registration
8:30 - 9:00 a.m.	Introduction and Announcements - Mr. George Fong
9:00 - 9:20 a.m.	State of Texas Report - Mr. Wilfred Lucas Mr. Sonny McCasland
9:20 - 9:40 a.m.	Mississippi State Chemical Laboratory Pesticide Residue Activities - Mr. Rubel Cowart
? 9:40 - 10:00 a.m.	Louisiana Report - Mr. Hershel Morris
10:00 - 10:30 a.m.	Break Coffee - Courtesy of Perkin-Elmer

VISIT INSTRUMENT DISPLAY

10:30 - 10:45 a.m.	South Carolina Pesticide Residue Program - Mrs. Lucy Thomason
10:45 - 11:05 a.m.	Continued Investigation of 2,4-D and Dicamba Residues in Tobacco and Terbufos Problems on a Dairy Farm in North Carolina - Mr. David Hall
11:05 - 11:25 a.m.	Recent Monitoring of South Florida Groundwater for Agrochemicals - Dr. Carl D. Pfaffenberger
Cancelled 11:25 - 11:45 a.m.	Analytical Assistance to Developing Countries - Mr. Jon Mann
11:45 - 12:00 noon	AOAC Activities - Mr. George Schwartzman

12:00 Noon	Lunch on your own
Cancelled 2:00 - 2:20 p.m.	IR-4 Concerns: Pesticide Metabolites Crop Groupings for Tolerances - Dr. Charles Meister
2:20 - 2:35 p.m.	Poisoned Cattle and Tailing Peaks - Dr. Alan Thio
2:35 - 2:55 p.m.	FDA Atlanta Regional Laboratory Activities - Mr. John Pardue
2:55 - 3:15 p.m.	Analysis of Urethane in Wine or Evaluation of a New Purge and Trap - Mr. Lamar Hendricks
3:15 - 3:30 p.m.	Solid Phase Extraction and HPLC Analysis of Bromacil and Diuron in Well Water- Mr. Allan Mitch
3:30 - 4:00 p.m.	Florida Department of Agriculture Groundwater Monitoring Program - Dr. C. H. Van Middelem
4:00 - 4:15 p.m.	1985 Gypsy Moth Eradication Program (Our Second Year) - Mr. Joe Majors
6:00 - 7:00 p.m.	Get Acquainted Party - Compliments of Dolphin Beach Resort

Tuesday, July 22

8:00 - 8:30 a.m.	Registration
8:30 - 9:00 a.m.	Good Laboratory Practices - Mr. Dean Hill, Keynote Speaker

9:00 - 9:30 a.m.	Development of a Quality Assurance Program - An Organized Approach - Dr. Gioya Bennett
9:30 - 10:00 a.m.	Quality Assurance in the Residue Laboratory - Data Audits - Dr. Harry Hyndman
	~~Group Picture~~
10:00 - 10:30 a.m.	Break Coffee - Courtesy of Hewlett-Packard

VISIT INSTRUMENT DISPLAY

10:30 - 11:00 a.m.	Indiana State Report: Notebook, a useful database program - Mr. Wayne Pask
11:00 - 11:20 a.m.	LASEE - Lab. Automation Systems, Experiences and Expectations - Dr. Barry Boerner
11:20 - 11:40 a.m.	A New Integrator for Quantitative Analysis in Chromatography Systems - Mr. Barry Silver
11:40 - 12:00 noon	U.S. EPA Efforts in Pesticide Regulatory Analytical Methodology - Ms. Elizabeth Haeberer
12:00 noon	"Residue-Free" Lunch (Tickets Purchased in Advanced)
2:00 - 2:30 p.m.	Capillary GC Analysis of Chlorinated Pesticides With Low Dead Volume Electron Capture Detector - Dr. Steve Scypinski
2:30 - 2:50 p.m.	Why Capillary: A Synopsis of Capillary Gas Chromatography - Mr. John Benziger

2:50 - 3:15 p.m.	Gas Chromatographic Analysis of Fluazifop-butyl (Fusilade) in Potatoes, Soybeans and Soil - Mr. B. S. Clegg
3:15 - 3:35 p.m.	Determination of the Fumigant Methyl Bromide in Food Raw Materials - Dr. Dick DePalma
3:35 - 3:50 p.m.	Spray of Mosquito Adulticides in Salt Marsh Environment - Dr. T. C. Wang, J. Tucker Jr., R. A. Lenahan
3:50 - 4:10 p.m.	Analysis of Coral Samples Using a Scan Method - Mr. Jerrold Forester

Wednesday, July 23

8:30 - 8:50 a.m.	Analysis of Paraquat in Honey by Reverse Phase - Ion Pair HPLC - Mr. Casanova Jackson
8:50 - 9:20 a.m.	Recent Development of Diquat Method in Water - Mr. Larry Lagman
9:20 - 9:40 a.m.	Paraquat and Diquat by Isocratic HPLC - Dr. Verne Simon
9:40 - 10:00 a.m.	Florida Department of HRS Private Well Survey - Mr. Bradford Gross
10:00 - 10:30 a.m.	Break Coffee - Courtesy of Analytical BioChemistry Laboratory, Inc.

10:30 - 10:50 a.m.	Chemistry of Aldicarb in Surface and Groundwater in Florida - Dr. Joseph Delfino
10:50 - 11:00 a.m.	Analysis of Water Samples During FY 85-86 for Various Pesticide Residues - Ms. Gail Abbott
11:00 - 11:30 a.m.	Residues of Ethyl Carbamate in Spirits and Wines of Ontario - Mr. B. S. Clegg R. Frank B. D. Ripley N. D. Chapman
11:30 - 12:00 Noon	General Discussion Mr. George Fong

10 more minutes

GENERAL MEETING ADJOURNED

12:30 - 1:30 p.m. Southern States Check Sample Program Report -
(A Closed Meeting for Participants Only)
Dr. Barry Boerner and Committee Members

Check Sample Committee Members:

Dr. Barry Boerner - Chairman
Dr. Larry Lane
Mr. John Pardue
Ms. Gail Abbott

Committee Member Meeting:

Date, Time and Location to be announced

1:30 - 3:30 p.m. FDACS Chemical Residue Laboratory Chemists Planning Meeting

Ms. Gail Abbott, Florida Department of Agriculture & Consumer Services, Chemical Residue Laboratory, 3125 Conner Boulevard, Tallahassee, Florida 32301

Dr. Gioya Bennett, Commonwealth of Virginia, Division of Consolidated Laboratory Services, 1 North 14th Street, Richmond, Virginia 23219

Mr. Marlin Bensinger, Chromtec, 7544 Lake Worth Rd., Suite 1A-6, Lake Worth, FL 33467

Mr. John Benziger, Scientific Marketing, 1523 Northwest Boulevard, P.O. Box 713, Georgetown, Texas 78627

Dr. Barry R. Boerner, Florida Department of Agriculture & Consumer Services, Chemical Residue Laboratory, 3125 Conner Boulevard, Tallahassee, Florida 32301

Mr. Mike Bogan, Chromtec, 7544 Lake Worth Rd., Suite 1A-6, Lake Worth, FL 33467

Mr. N. D. Chapman, Provincial Pesticide Testing Lab. Agricultural Laboratory Services Branch, Ontario Ministry of Agriculture and Food, University of Guelph Guelph, Ontario Canada NIG 2W1

Mr. Steve Clegg, Ministry of Agriculture and Food c/o University Campus, Guelph, Ontario Canada N1G2W1

Mr. Rubel Cowart, Mississippi State Chemical Laboratory, Industrial & Agricultural Services, Pesticide Residue Laboratory, Box CR, Mississippi State, Mississippi 39762

Mr. Randy Curles, Kratos Analytical Instruments, 1860 Gainsborough Dr., Chamblee, GA 30341

Dr. Joseph J. Delfino, Department of Environmental Engineering Science, University of Florida, Gainesville, Florida 32611

Dr. Dick A. DePalma, The Procter & Gamble Company, Winton Hill Technical Center, 6072 Center Hill Road, Cincinnati, Ohio

Mr. George W. Fong, Florida Department of Agriculture & Consumer Services, Chemical Residue Laboratory, 3125 Conner Boulevard, Tallahassee, Florida 32301

Mr. R. Frank, Provincial Pesticide Residue Testing Laboratory, Agricultural Laboratory Services Branch, Ontario Ministry of Agriculture and Food, University of Guelph, Guelph, Ontario Canada N1G 2W1

Mr. Bradford Gross, Organic Chemistry Laboratory, Florida Dept. of HRS, 1217 Pearl Street, Jacksonville, Florida 32231

Ms. Betty Haberer, Residue Chemistry Branch, Hazard Evaluation Division (TS 769C) US EPA/OPP, 401 M Street S.W Washington, D.C. 20460

Mr. James M. Hagan, Hewlett-Packard Company, Division of Analytical Instruments, 6177 Lake Ellenor Dr., Orlando, Florida 32809

Mr. David H. Hall, Food & Drug Protection, North Carolina Department of Agriculture, 4000 Reedy Creek Road Raleigh, North Carolina 27607

Mr. Lamar Hendricks, Extension Poultry Science, Pesticide Residue Laboratory, 110 Riverbend Road, Athens, Georgia 30602

Mr. Dean Hill, Environmental Protection Agency, National Enforcement Environmental Center, Box 25227, Building #53, Denver Colorado 80225

Dr. Harry Hyndman, Monsanto Company, 700 Chesterfield Village Park Way, Chesterfield, Missouri 63198

Mr. David Isom, Kratos Analytical, 170 Williams Drive, Ramsey, New Jersey 07446

Mr. Casanova P. Jackson, Florida Department of Agricultu & Consumer Services, Chemical Residue Laboratory, 3125 Conner Boulevard, Tallahassee, Florida 32301

Mr. Larry Lagman, South Carolina Water Resources Commission, P.O. Box 4440, Columbia, S.C. 29240

Mr. R. A. Lenahan, Harbor Branch Foundation, Inc., 5600 Old Dixie Hwy., Ft. Pierce, FL 33450

Mr. Wilford Lucas, Texas Department of Agriculture & Environmental Sciences, P.O. Box 690, Pharr, Texas 78577

Mr. Charles N. Luke, Mallinckrodt, Inc., Science Products Division, Paris By-Pass, P.O. Box M, Paris, Kentucky 40361

Mr. Ken Mahler, SGE, 2007 Kramer Lane, Austin, Texas 78758

Mr. Joe H. Majors, Jr., Tennessee Department of Agriculture, Division of Plant Industries, Box 40627 Hogan Road, Nashville, Tennessee 37204

Mr. Jon Mann, University of Miami, School of Medicine, Department of Epidemiology & Public Health, 15655 South West 127th Avenue, Miami, Florida 33177

Mr. Gervin Massey, Gervin Massey & Assoc., Rt. 2 Box 183, Martin, GA 30557

Mr. Sonny McCasland, Texas Department of Agriculture, Brenham Laboratories, P.O. Box 1119, 200 E. Horten Street, Brenham, Texas 77833

Dr. Charles Meister, Pesticide Research Laboratory, Institute of Food & Agriculture Sciences, University of Florida, Gainesville, Florida 32611

Mr. Allan Mitch, Florida Department of Agriculture & Consumer Services, Chemical Residue Laboratory, 3125 Conner Boulevard, Tallahassee, Florida 32301

Mr. Hershel F. Morris, Louisiana Department of Agriculture, Agriculture Chemistry, Box 16390-A, Baton Rouge, Louisiana 70893

Mr. John R. Pardue, Food & Drug Administration, 60 Eigh Street NE, Atlanta, Georgia 30309

Mr. Wayne M. Pask, Indiana State Chemists Office, Residue Section, BCHM Control, Purdue University, West Lafayette, Indiana 47907

Dr. Carl D. Pfaffenberger, Dade County Dept. of Environmental Resources Management, 3301 N.E. 5th Ave. No 1107, Miami, FL 33137

Ms. Diane Rains, EPA Chemical Operations Branch, Analytical Chemistry Laboratory, Building 306, Room 101, BARC-East, Beltsville, Maryland 20705

Mr. Brian D. Ripley, Chemist, Carbamate and Fungicide Unit, Pesticide Residue Section, Agricultural Laboratory Services, c/o University Campus, Guelph, Ontario, Canada NIG2W1

Mr. George Schwartzman, A. O. A. C., 4521 Atwood Cay Circle, Sarasota, FL 33570

Mr. Steve Scypinski, Varian Assoc., 505 Julie Rivers Road., Suite 150, Sugarland, TX 77478

Mr. Barry L. Silver, EM Science, 111 Woodcrest Rd., Cherry Hill, New Jersey 08034

Dr. Vern Simon, Dept. of HRS, Laboratory Services 1217 Pearl St., Jacksonville, FL 32202

Mr. Paul Stewart, IBM Instrument, 245 King Authur Dr. Woodstook, GA 30188

Mr. Tom Stocks, Hewlett-Packard Company, Division of Analytical Instruments, 6177 Lake Ellenor Drive, Orlando, FL 32809

Mr. Alan P. Thio, University of Kentucky, Regulatory Services, Pesticide Residue Laboratories, 102 Scovell Hall-Washington & Lime Street, Lexington, Kentucky 405

Ms. Lucy Thomason, South Carolina Department of Agriculture, Pesticide Residue Division, P.O Box 11280, Columbia, South Carolina 29211

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Dr. C. H. Van Middelem, Florida Department of Agriculture & Consumer Services, Division of Chemistry, 3125 Conner Boulevard, Tallahassee, Florida 32301

Mr. Ralph Waltz, ABC Laboratories, Inc., P.O. Box 1097, Columbia, Missouri 65205

Dr. Tsen C. Wang, Harbor Branch Foundation, Division of Chemistry, Route 1, Box 196, Ft. Pierce, Florida 33450

Mr. Jerruld Forester, US EPA, Eperimental Environmental Branch, Chemistry, Sabine Island, Gulf Breeze, FL 32561