32nd ANNUAL PESTICIDE RESIDUE WORKSHOP

JULY 16-19, 1995  ST. PETE BEACH, FLORIDA

Trade Winds
ON ST. PETERSBURG BEACH • FLORIDA
WELCOME TO THE 32nd ANNUAL PESTICIDE RESIDUE WORKSHOP. WE APPRECIATE YOUR PARTICIPATION AND SUPPORT.

Residue analysts are facing the challenge of detecting more chemicals at lower concentrations, documentation/accountability, minimizing hazards in the laboratory and funding reductions. We hope the 32nd Annual Meeting contains a program of many great technical presentations and will again provide an excellent opportunity for sharing knowledge, interest and problems as in the past.

This year we added a Mile-Run on the beach in addition to the Volley Ball Game. We hope many will participate in this First Annual Run. The TradeWinds will again provide a fabulous reception Monday evening. It seems like the TradeWinds is outdoing the receptions of the previous years. Enjoy the facilities at the TradeWinds and let me or their staff know if we can be any assistance to you.

Sincerely,

BOB CRAWFORD
COMMISSIONER OF AGRICULTURE

W. George Fong
Environmental Administrator
We appreciate the continuous interest and support by the exhibitors. Please be sure to visit the exhibitors and discuss your interest(s) and needs with them during the breaks and any other time.

EXHIBITORS

Analytical Research System
(Formerly Southern Scientific, Inc.)
Ara Manukian/Rudy Strohschein

Dionex Corporation
Karl Kastner/Bob Joyce

Doe and Ingalls of Florida
James Fell

Dynatech Precision Sampling
D. Kirk Holladay

Finnigan Mat
Randy Porch

Hewlett Packard Company
Tom Stocks/Jeff Downing/Chip Townsand

Hitachi Instrument, Inc.
Charles Haws/Lee Oldeen

J. T. Baker
Bill West

Medallion Laboratories
Jonathan Devries

Ohmicron
Dave Nardone/Dave Deardorff/Jeanne Itak

O. I. Analytical
Tom McGinity

Perkin Elmer Corporation
Bob Riggs/Rick Cone/Jim Wagner

Sci-Con
Dave Skiados/Cathy Rhea

SGE, Incorporated
James Westmoreland

Shimadzu Scientific Instrument
L. Ballard

Southern Testing & Research Laboratories
Ken Jones

Supelco, Incorporated
Kim Baughman/Mark Hathaway

Suprex Corporation
Ray Mindrup

Tekmar Company
Scott Elkins

Varian
Pete Vega/Tammy Riga

Zymark Corporation
Gary Cook

Mark Cava
State of Florida
Department of Agriculture & Consumer Services

BOB CRAWFORD
COMMISSIONER of AGRICULTURE

32nd Annual Pesticide Residue Workshop
July 16-19, 1995
St. Petersburg Beach, Florida

Sunday / July 16, 1995 / Afternoon

4:00 - 6:00 REGISTRATION
4:00 p.m. on Exhibition Hall Available for Setting-up of Exhibits

Meetings and Exhibits are to be held in ISLAND BALLROOMS

Door Prizes will be drawn at the end of each morning and afternoon session. You Must be ON TIME at the beginning of each session to receive a ticket and BE PRESENT AT THE DRAWING TO WIN.
Monday / July 17, 1995 / Morning

7:30 - 8:30  REGISTRATION

8:30 - 9:00  Welcome
Introduction and Announcements - George Fong

1  9:00 - 10:00  Keynote
Unexplored Extraction and Separation Areas in Pesticide Analytical Chemistry - Dr. Anson Moye

2  10:00 - 10:30  1995 Update - Pesticide Data Program - Dr. Robert Epstein

10:30 - 11:15  BREAK - VISIT EXHIBITS
Refreshments in Exhibition Area

3  11:15 - 11:35  The GDLN 171-4(j) Feeding Study Requirement and 40CFR 180.6(a)(3) Feeding Study Exemption: A Reviewer's Perspective - David Miller

4  11:30 - 11:55  Pesticides in Wine: An ATF Perspective - Jeffrey N. Leibowitz

11:55 - 12:05  Door Prize Drawing (must be present to win)

12:05 - 1:30  Lunch (on your own)

Monday / July 17, 1995 / Afternoon

5  1:30 - 1:50  Immunoassay Screening for Carbendazim and Thiabendazole in Fresh Fruits and Vegetables - Michael G. Legendre, Joseph H. Ford, Lynda L. Baker and John B. Gallagher

6  1:50 - 2:10  Analytical Aspects of Spray Drift Studies - Dr. Sidney S. Goldberg

2:10 - 3:00  BREAK - VISIT EXHIBITS
Refreshments in Exhibition Area

7  3:00 - 3:20  Validation of a Handwipe Procedure for the Measurement of Dermal Exposure to Pesticides - Dr. Paul W. Geno

8  3:20 - 3:40  Systematic Approach to Multiresidue Methods Validation - Dr. Jonathan W. Devries

9  3:40 - 4:00  Evaluation, Validation and Practical Application of GC-ITD (Varian Saturn) for Routine Pesticide Residue Analysis in Fruits and Vegetables - Dr. Andre deKok

4:00 - 4:10  Door Prize Drawing (must be present to win)

5:00 - 6:30  Poster Session
**Poster Session Papers**

P1  Pesticide Data Program Sampling Audit - Amy C. Sinelli

P2  Analysis of Pesticides in Water Using Automated Solid Phase Extraction and HPLC with Diode Array Detection - Christopher L. Ritland, Sharryn Cohen and Christopher J. Mason

P3  An Immunoassay for Methomyl in Water and Dislodgeable Residues on Grape Leaves - Jeanne A. Itak


P5  Determination of Bezimidazole Fungicides in Crop Samples: by Automated SPE and HPLC-UV - Dr. Andre deKok

P6  US Food and Drug Administration/State of Florida Partnership Agreement - W. George Fong, Sander Bellman, Larry Lloyd and Perry Wilks


P8  Differential Metabolism of Chloransulam-Methyl as the Basis for Soybean Selectivity - Gerrit deBoer

P9  Trace Analysis in Complex Matrices by Methods in Ion Trap Mass Spectrometry - Dr. William C. Schnute, Dr. Siu Teng

P10 Carbamate Recovery from Wheat Using SFE/SPE - Joseph E. Barney

P11 A Multi-Residue Method for Whole Milk Analysis - Dr. Dianne Bennett

P12 Avid Bait Spray For Caribbean Fruit Fly - Jim King

P13 Vendex Analysis on Fruits and Vegetables - Diana Ferguson, Herman Moya
Tuesday / July 18, 1995 / Morning

***First Annual Mile-Run On The Beach ***

6:45 Runners Assemble on the Beach by TradeWinds Resort Hotel
7:00 Run Starts
7:30 Run Ends

8:00 - 8:30 Registration

8:30 - 8:40 Presentation of Mile-Run Winners

10 8:40 - 9:00 Rapid Analysis of Pesticides in Environmental Samples Using Solid Phase Micro Extraction and Capillary Columns - Raymond Mindrup

11 9:00 - 9:20 Solid Phase Extraction of Various Herbicides Using Graphitized Black Carbon Cartridges - Ying Ma and Michael Page

12 9:20 - 9:40 Solid Phase Extraction Method Developments In Food Applications - Susan Price

13 9:40 - 10:00 Microwave Solvent Extraction of Chlorinated Pesticides from Soil - Todd Kierstead

10:00 - 10:45 BREAK - VISIT EXHIBITS
Refreshments in Exhibition Area

14 10:45 - 11:05 Accelerated Solvent Extraction (ASE) for Fast Efficient Extraction of Pesticides in Soil - John Ezzel, Bruce Richter and Brian Thompson

15 11:05 - 11:20 Mississippi State Report - Reba L. Ingram


17 11:40 - 11:55 The Influence of Both Foliar Fertilizer and Pesticide Applications on Residual Persistence, Total Yield, Physical and Chemical Properties of Valencia Orange Fruit - Dr. Maustafa El-Said Nassar

11:55 - 12:05 Door Prize Drawing (must be present to win)

12:05 - 1:30 Lunch (on your own)
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>1:30</td>
<td>Operating a Chemistry Laboratory in Compliance with GLP Standards Regulations - Dr. Elizabeth A. Mishalanie</td>
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<tr>
<td>1:50</td>
<td>Laboratory Compliance with Good Laboratory Practice Standards for Magnitude of the Residue Studies - Dr. Theresa Ali and Dr. Jau Yoh</td>
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<td>2:05</td>
<td>The National Environmental Laboratory Accreditation Program (NELAP) - Dr. David Klein</td>
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<td>2:20</td>
<td>Analytical Protocols for the Rapid Extraction of Pesticides Using Supercritical Fluids - Dr. Joseph M. Levy and Scott Elkins</td>
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<td>2:35</td>
<td>BREAK - VISIT EXHIBITS Refreshments in Exhibition Area</td>
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<tr>
<td>3:15</td>
<td>A Multiresidue Method for Wheat Using Supercritical Fluid Extraction, Solid Phase Extraction and Gas Chromatography/Mass Spectrometry - Dr. Tim Norden</td>
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<td>3:35</td>
<td>Analysis of Soil and Water Samples for Iprodione and Five Metabolites by API-HPLC/MS/MS and Trace Enrichment HPLC - Joseph P. Wargo, Jr.</td>
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<td>3:55</td>
<td>Robust Supercritical Fluid Extraction (SFE) Method for OCPs (Organochlorine Products) and PCBs. Deliverable Experiments for US EPA Methods - Steven Hutt</td>
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<td>4:15</td>
<td>Facet Herbicide Analysis - Andrew Schmidt</td>
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<td>4:30</td>
<td>New Derivatives of Herbicidal Carboxylic Acids - Dr. Alan P. Thio and Milton J. Kornet</td>
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<td>4:45</td>
<td>Carbonless Copy Paper: Is It All Write? - Charles J. Schmidt</td>
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<td>5:00</td>
<td>Door Prize Drawing (must be present to win)</td>
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<td>5:10</td>
<td>Southern States Check Sample Program Meeting - Gail Parker</td>
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<td>5:45</td>
<td>*** Volley Ball Games ***</td>
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Wednesday / July 19, 1995 / Morning

28  8:00 - 8:30  Pesticide Residue in Fatty Foods Revisited and New Methods and Uses for Solid Phase Extractions - Milton A. Luke

29  8:30 - 8:50  GC/MS/MS Analysis for Pesticide Residues in Agricultural Products - Dr. Carl Feigal

30  8:50 - 9:10  Using Large Volume Injections to Lower Detection Limits for Targeted Pesticides by Full Scan GC/MS - John Thorp

31  9:10 - 9:30  New Ion Trap Technology for Environmental Analysis - Dr. William C. Schnute

32  9:30 - 9:50  Pesticide Residue Analysis by Ion Trap MS/MS - Bert C. Lynn, Jr.

9:50 - 10:15  BREAK - VISIT EXHIBITS
Refreshments in Exhibition Area

33  10:15 - 10:35  Increasing GC Sensitivity with Large Volume Injection - Mike Burke

34  10:35 - 10:55  Evaluation of a PTV Injector for Pesticides - Anne Sensel


36  11:15 - 11:35  HPLC Analysis of Polynuclear Aromatic Hydrocarbons (PAH's) Using UV and Fluorescence Detection - Tina Blauvert and James B. Westmoreland

37  11:35 - 11:55  CDFA (California Dept. of Food and Agriculture) Report and Workshop Report - Dr. Dianne Bennett

11:55 - 12:05  Door Prize Drawing  (must be present to win)

Main Workshop Adjourns

Wednesday / July 19, 1995 / Afternoon

1:00 - 5:00  Vendors Seminars:

a)  Enigma Analytical
b)  Ohmicron
c)  Dionex
d)  Varian
e)  Hewlett Packard
PROGRAM PRESENTERS

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