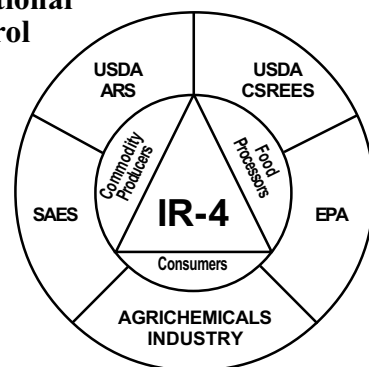


Minor Crop Pest Management, IR-4 - A National  
Agricultural Program to Clear Pest Control  
Agents for Minor Uses

# IR-4 Newsletter

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\*For October - December 1999 (4th Quarter)

Center Insert: Transitional Products Table  
and PCR Form

## IR-4 Highlights (Partner Outreach)

**Editor's Note:** IR-4 Highlights by the Executive Director is an outreach feature of the Newsletter, focused primarily on articles in this issue.

Wrapping up one year and looking into the next never has taken on the same level of significance as reviewing 1999 and forecasting what will happen in 2000. Perhaps it has to do with the issues of the decade of the 1990's, the 21st century and a new millennium. Whether 1999 will stand out as an especially significant year in IR-4's 36 year history will be the decision of our stakeholders and our many partners. However, we believe a lot of important initiatives were accomplished this year that will provide the basis for a strong positive momentum into the 21st century.

Our Annual Meeting in Washington, DC was an excellent opportunity to obtain feedback and direction from stakeholders and partners as part of the Symposium entitled "Future Approaches to Minor Crop Pest Management". My personal thanks to our fine speakers (Marty Mascianica/BASF, Jim Jones/EPA, Jerry Baron/IR-4, Janet Andersen/EPA, Pam Marrone/AgraQuest, Julius Menn/Excipula, Ed Green/Seminis, Dan Kunkel/IR-4, Harold

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### United States Department of Agriculture

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## IR-4 Highlights (Partner Outreach)

Continued from Page 1

Coble/USDA, Al Jennings/USDA, Steve Balling/Del Monte and Willis Wheeler/IR-4) for their presentations on the three major topic areas: 1. Speeding the Flow of New Technology to Minor Crop Growers, 2. The Role of IR-4 in Making Biopesticides and Transgenic Varieties Available for Minor Crops, and 3. The Future Relationships Between IR-4 and the other USDA IPM/Pesticide Programs. Breakout discussion groups followed each topic area where groups of 10 to 12 participants discussed key issues raised by the speakers. The resulting individual group verbal reports were captured by a session reporter who provided an overall summary. All of this information has been captured along with the speakers summaries to be published in a Symposium Proceedings early in 2000. In addition, the information provided a valuable basis for the Project Management Committee (PMC) Strategic Planning Retreat held two weeks later (October 19th) to address revision of the Strategic Plan.

The PMC developed a Mission Statement which is "To provide pest management solutions to growers of fruit, vegetables and other minor crops. People who benefit from the program are consumers, growers and food processors." We further defined what the beneficiaries of the program receive as follows:

- Consumers - a wholesome, affordable, varied and nutritional food supply
- Food Processors - a dependable, safe and economical food source
- Growers - pest control solutions for traditional and organic farmers to maintain productivity and competitiveness.

We reviewed how we conduct our overall program from the pesticide clearance requests to initiate a project to the final tolerance approval and EPA registration. This was followed by an analysis of the external factors affecting IR-4 (such as FQPA, etc.). We spent considerable time on a SWOT (Strengths, Weaknesses, Opportunities and Threats) Analysis to better define our internal capabilities. This exercise provided the basis for a list of key issues we wish to address during the next 5 years and their priorities. The top 6 were selected as ones for key emphasis and these are: 1) Sufficient budget to support the Mission Statement; 2) Commitment to the 30 month completion schedule; 3) Proper balance between programs; 4) Need to increase program visibility, improve communications to/from growers, inform

them about IR-4 and identify their needs; 5) Determine extent of involvement in additional efficacy trials; 6) Improve commitment to program from land grant and ARS administration. Action items were developed for each of these issues and are contained in the document entitled "A Strategy for Meeting the Challenge of Pest Management on Minor Crops" which was recently issued. If you would like a copy of this plan and did not receive it, please contact Headquarters.

Our regulatory partnerships continue on the state, national and international levels. At the state level, I had the opportunity to meet with Paul Helliker, the new Director of California Department of Pesticide Regulation (DPR) at the Methyl Bromide Alternatives Conference held in San Diego, California in early November. I was impressed by Paul's interest in methyl bromide and other key issues facing minor crop growers in his state. This was followed a few weeks later by a meeting with Dan Kunkel and some of our Study Directors (Michael Braverman, Keith Dorschner and Dave Thompson) with DPR staff in Sacramento to explain our Spinosad, Azoxystrobin and Glyphosate initiatives with the EPA for blanket tolerances based on reduced data requirements. Jim Jones and I plan to meet with Paul and his staff in January to extend the EPA/IR-4 partnership to include DPR. On the national level, we had an excellent EPA/IR-4 Technical Working Group Meeting in Washington, D.C. on September 14th and look forward to a productive meeting at our Headquarters on January 25th. We greatly appreciate the Agency allocating about 50% of their FY 2000 petition workload to IR-4 projects as we work together to provide new Reduced Risk options to our minor crop growers to address possible FQPA restrictions or removal of older pest control tools. In the international arena, I had the opportunity to represent IR-4 at the Fourth Mediterranean Conference sponsored by the European Crop Protection Association and held in Crete on October 14th and 15th. The Conference brought together nearly 100 delegates from the European Union (EU) countries to discuss regulatory challenges brought about by EU Directive 91/414 which requires all crop protection chemicals to be reregistered by 2003. That deadline apparently will not be met as the EU struggles with over 800 active ingredient reregistrations. A preliminary industry estimate that only 216 to 230 of the 800 ai's will be defended brought serious concerns among the delegates for minor crop protection tools. Our program is clearly a model for global minor crop agriculture and nothing comparable is available in the EU and member countries. The EU has not adopted crop

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## IR-4 Highlights (Partner Outreach)

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groupings as we have in the U.S. which makes minor crop residue programs more challenging. Furthermore, they could make better use of agro-climatic zonal maps to utilize residue data from various countries. The Conference made recommendations to share residue data from ex-EU countries for minor crops using equivalent agro-climatic zones. Our pilot residue project with Germany with quinoxifen on hops and dimethomorph on cucurbits may help in the data sharing area. I have proposed to the American Crop Protection Association that they work with the ECPA to develop overlapping U.S.-EU agro-climatic zone maps as the basis for possible residue data sharing initiatives. The ultimate goal would be to obtain global tolerances for crop protection chemicals so that import/export residue issues would be less challenging. In the NAFTA arena, we had an excellent partnership meeting with Wendy Sexsmith, Director of Alternative Strategies and Regulatory Affairs, Health Canada/ Pest Management Regulatory Agency and a team of Canadian agriculturists and Janet Andersen, Director of Biopesticides and Pollution Prevention Division and her staff, in Washington, D.C. on November 12th. A number of follow-up action items and meetings are planned including a

workshop to discuss harmonization of data requirements for microbials and pheromones in the joint U.S./Canadian review process on September 11th (p.m.) prior to our 2000 Food Use Workshop scheduled for September 12th to 14th in Orlando, Florida. More details to follow on this workshop and other planned Canadian/U.S. partnership opportunities.

Regarding staff, we welcome Carla Servellon to our Headquarters Team as a Clerk assisting in copying, filing and other staff support efforts. Also, we had the opportunity in December to recognize 25 years of dedicated and outstanding service to the IR-4 program by two fine individuals - Diane Infante and Pat Sarica. Those of you familiar with the program and Headquarters operations realize that we could not conduct our daily operations without the contributions of these wonderful people. I am sure you will join me in congratulating them for their 25 years of service and wish them many more to come. Also, a special thanks to Ray Frank who was recognized as a Meritorious Service Award winner at the Annual Meeting for his many years of dedicated service and contributions to our ornamentals program.

Article by Bob Holm

### IR-4 HEADQUARTERS PRESENTATIONS

Bob Holm - "New Perspectives for the Future of the IR-4 Program" presented to European Crop Protection Association's Fourth Mediterranean Conference on October 15th, Western Region staff on November 8th, Valent U.S.A. Corporation on November 8th and Uniroyal on December 10. "IR-4 Strategy: Challenges, Plans and Progress" presented at the IR-4 Symposium on Future Approaches to Minor Crop Pest Management on October 5th. "IR-4 and It's Biopesticide Program" to joint Canadian/BPPD Meeting on November 12th.

### Retirements and Awards

- Dr. Paul Wuest, Penn State University, 37 years of faithful service to the mushroom industry on his retirement on 31 DEC 99.
- Bushrod Davis, USDA-ARS, technician for entomology projects at Charleston, South Carolina Center will retire on 1 JAN 00.
- Dr. A.W. Johnson, USDA-ARS, 32 years of federal service on his retirement on 1 JAN 00.
- J. Ray Frank, IR-4 Manager, Ornamentals Program, received the 2000 Northeastern Weed Science Society Distinguished Member Award.

#### DID YOU KNOW.....

January 2000 is National Biotechnology Month

# Minor Crop Pest Management, Interregional Research Project No. 4 (IR-4) National Agricultural Program To Clear Pest Control Agents for Minor Uses

## NATIONAL HEADQUARTERS

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>R. Holm (Executive Director)</li> <li>G. Markle (Associate Director)</li> <li>J. Baron (Assistant to the Director)</li> <li>M. Arsenovic (Associate Coordinator)</li> <li>W. Biehn (Senior Coordinator)</li> <li>J. Brashier (Secretary)</li> <li>M. Braverman (Associate Coordinator)</li> <li>J. Corley (Associate Coordinator)</li> <li>K. Dorschner (Coordinator)</li> <li>C. Ferrazoli (Secretary)</li> <li>J. Frank (Manager, Ornamentals)</li> <li>K. Hackett-Fields (Associate Coordinator, QA)</li> </ul> | <ul style="list-style-type: none"> <li>D. Infante (Research Assistant)</li> <li>D. Kunkel (Registration Manager)</li> <li>E. Lovuolo (Administrative Assistant)</li> <li>J. Norton (Special Projects Manager)</li> <li>L. O'Reilly (QA Specialist)</li> <li>F. Salzman (Coordinator)</li> <li>K. Samoil (Associate Coordinator)</li> <li>P. Sarica (Associate Director Administration)</li> <li>C. Servellon (Secretary)</li> <li>V. Starner (Associate Coordinator)</li> <li>J. Streisand (Secretary)</li> <li>D. Thompson (Coordinator)</li> <li>T. White (QA Manager)</li> </ul> |
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- E. Ortman, Purdue University

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- R. Holm, Rutgers Univ.
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- M. Marshall, Univ. of Florida
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- P. Sarica, Rutgers Univ.
- P. Schwartz, USDA/ARS
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| G. Herndon |              | A. Jennings   |

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H. Jamerson  
**EPA MINOR USE TEAM LEADER**  
P. Cimino

### INDUSTRY REPRESENTATIVES

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R. Lundy\*

- AMERICAN CROP PROTECTION ASSOCIATION**  
J. Holmdal

\*Committee Chair

## IR-4 REGIONAL/HEADQUARTERS AND OTHER NATIONAL/INTERNATIONAL CONTACTS - DIRECTORIES

To provide appropriate public accessibility to IR-4 State and Federal (USDA-ARS) Liaison Representatives, Regional Project Management Committee Representatives, Regional Field Coordinators, Regional Laboratory Coordinators, Re-

gional QA Coordinators, Headquarters, etc., we are including updated listings as attachments to this Newsletter. Telephone numbers, FAX numbers, and E-mail addresses are indicated for all contacts.

## CALENDAR

### January, 2000

- 9-11 American Farm Bureau Meeting, Houston, Texas
- 10 IR-4 Team Building Meeting, IR-4 HQ/Rutgers University, New Brunswick, New Jersey
- 10-11 North Jersey Ornamental Horticulture Conference, Ledgewood, New Jersey
- 11-12 IR-4 Northeastern Region Technical Training Meeting, IR-4 HQ/Rutgers University, New Brunswick, New Jersey
- 18-20 Mint Industry Research Council Annual Meeting, Las Vegas, Nevada
- 18-20 44th Annual New Jersey Vegetable Growers Meeting, Atlantic City, New Jersey
- 25 EPA/IR-4 Technical Working Group, IR-4 HQ/Rutgers University, New Brunswick, New Jersey

### February, 2000

- 5-10 Weed Science Society of America Annual Meeting, Toronto, Canada
- 22-23 Spring Project Management Committee Meeting, Washington, DC
- 23 IR-4 CLC Meeting, Washington, DC

### July, 2000

- 25-26 Project Management Committee Meeting, Holland, Michigan

### August, 2000

- 6-10 National Association of County Agricultural Agents Annual Meeting, Jackson, Mississippi

### September, 2000

- 11 IR-4 Biopesticides Workshop, Orlando, Florida
- 12-14 IR-4 Food Use Workshop, Orlando, Florida

### October, 2000

- 10-12 37th IR-4 Annual Meeting, Colorado Springs, Colorado
- 24-25 National Research Planning Meeting, IR-4 HQ/Rutgers University, New Brunswick,

- “Any opinions, findings, conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the U.S. Department of Agriculture.”
- “This material is based upon work supported by the Cooperative State Research, Education, and Extension Service, U.S. Department of Agriculture, under Hatch Act and Agreement No. 98-34383-5993.”
- This Newsletter does not constitute a recommendation for use. The pesticide registrant or Cooperative Extension should be consulted for specific use information.
- IR-4 thanks the many research cooperators who have provided data to support the needed registrations.
- Pesticide User Responsibility: Use pesticides safely and follow instructions on labels. The user is responsible for the proper use of pesticides, residues on crops, storage and disposal, as well as damages caused by drift.
- Use of Trade Names: Trade names are used in this publication with the understanding that no discrimination is intended and no endorsement is implied. In some instances the compound may be sold under different trade names, which may vary as to label clearances.

### ***The IR-4 Newsletter***

The IR-4 NEWSLETTER is published quarterly for distribution to cooperators in our partner State/Federal/Industry research units, State and Federal officials, private interest groups, and private citizens. Scientists at the IR-4 National Headquarters, regional, state, and federal level, and on the IR-4 Project Management Committee contribute articles in their areas of expertise. The Newsletter design and layout are done by Cheryl Ferrazoli. This partnership publication is printed and distributed by the Cooperative State Research, Education, and Extension Service, United States Department of Agriculture, Washington, D.C. Material from the IR-4 Newsletter may be reproduced with credit to the publication. Major funding for IR-4 is provided by USDA-CSREES and USDA-ARS in cooperation with the State Agricultural Experiment Stations.

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Happy New Year,

George M. Markle, Editor  
Associate Director  
Newsletter Team  
IR-4 Project

cc: Rutgers University Library of Science and Medicine  
ATTENTION: University Archivist/Gov't Doc. Dept.