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YEAR-END SUMMARY

Pest management solutions for specialty crops and specialty uses



Dear Friends,

The year 2023 was a celebratory one, marking 60 years of The IR-4 Project. True to our legacy, it was also a year of meaningful results, when we took important strides towards modernizing processes and engaging new stakeholders. While regulatory challenges abound, IR-4 keeps evolving—thanks to our purpose-driven community.

To commemorate IR-4's 60th year, we launched a communications campaign focused on IR-4's impacts. Thanks to our social network for amplifying our message, the content generated thousands of impressions and video views. We also celebrated together at events; from near and far, many of you helped make this milestone memorable.

We kicked off the 60th year at the National Education Conference in San Juan, Puerto Rico, where teammates from IR-4's nationwide research network gathered. Along with two days of training and networking, we toured the Corozal Agricultural Experiment Station. The spirit and hospitality of our Puerto Rican colleagues was unmatched as they guided us through pineapple fields and starfruit orchards, connecting us with a delicious slice of the specialty crops we serve.

This year, we took on new projects with progress and longevity in mind. We created a Network Expansion Task Force to engage more researchers from minority-serving institutions and Cooperative Extension in IR-4's research. New instructional videos were made to guide newcomers through our project request and nomination processes. Continuing to implement the Path Forward 2.0, we launched a pilot program to test IR-4's new electronic Field Data Notebook (eFDB). As eFDB training continues, we look forward to seeing our teams benefit from digitized data collection in 2024.

In the fall, we came together in Raleigh, NC for the Food Use Workshop and in Little Rock, AR for the Environmental Horticulture Workshop. Finally, Headquarters hosted the National Research Planning Meeting. These events helped chart our next research cycle and served as bookends to the 60th year campaign.

It has been said that "it takes a village." Behind this year's results are the people who conduct and manage IR-4's research, including: Field Research Directors, Regional Field Coordinators, analytical laboratory chemists, Study Directors, the Quality Assurance Unit, biologists, and numerous support teams. The dedication and skills of these teams make IR-4 successful.

Many thanks to the IR-4 Project Management Committee for guiding the project forward, and to the Commodity Liaison Committee/Friends of IR-4 who help connect IR-4 to the crops we serve while advocating for appropriate federal funding. IR-4 could not facilitate new registrations without the collaboration of our crop protection industry partners. Thanks also to the Canadian Pest Management Centre, the Minor Use Foundation and other international partners. Finally, we appreciate the multifaceted support IR-4 receives from federal partners, including the U.S. Department of Agriculture (NIFA, ARS, FAS and APHIS) and the U.S. Environmental Protection Agency.

While successful and celebratory, this year has presented unique challenges. Complex regulatory issues—such as compliance with the Endangered Species Act and the continuing reassessment of traditional pesticides—are leading IR-4 to transition towards emerging pest management options. Now more than ever, the specialty crop community needs the services of the IR-4 Project. Unfortunately, government funding remains an ongoing concern.

It is clear that IR-4 has the expertise and vision to continue delivering on our mission—even if new tools and approaches are needed. Because we have a 60-year track record of results guided by the needs of growers, we are confident that we can evolve and respond as needs change.

As I reflect on the accomplishments of our 60th year, I applaud the community that makes it possible. Milestones like these matter because they remind us of our shared purpose, bring us together, and inspire us to look thoughtfully towards the future. While complex challenges lie ahead, I am optimistic about the next 60 years of IR-4.

Cheers to 60 Years.



Jerry Baron Executive Director The IR-4 Project



FOOD USE PROGRAM

Successes

 211 new tolerances for 18 active ingredients were established by U.S. Environmental Protection Agency (EPA) resulting in 1613 potential new product uses on food crops.

Regulatory Actions

 12 tolerance petitions were submitted to EPA and 2 Final Reports to the registrant for Label Expansion or Conditional Registration. These covered 92 unique requests for assistance and crop group tolerance updates.

Research

- 384 residue trials contributing to 52 Magnitude of the Residue studies
- 143 efficacy/crop safety trials contributing to 65 Product Performance projects
- 72 field trials contributing to 35 Integrated Solutions projects

ENVIRONMENTAL HORTICULTURE PROGRAM

Successes

 BotryStop was registered in California, contributing to 500 new crop uses.

Regulatory Actions

• 22 research summaries were written to support new or update existing registrations.

Research

657 field and greenhouse trials (275 efficacy, 379 crop safety) that contributed to 57 projects



INTERNATIONAL ACTIVITIES

- Technical leadership and project collaboration with the Minor Use Foundation
- Capacity building on biopesticide regulations and Good Laboratory Practices
- Assisted with a new international database
- Advised development of an import MRL program promoting export of U.S. commodities to Southeast Asia
- Hosted four USDA FAS Borlaug Fellows for training





Contact the IR-4 Project

IR-4 Project Headquarters

Mailing Address:

IR-4 Project Headquarters NC State University 1730 Varsity Drive Venture IV, Suite 210 Raleigh, NC 27606

IR-4 Project Leadership

Executive Director

Dr. Jerry Baron 919-515-3166 jjbaron@ncsu.edu

Associate Director for Regulatory Sciences & National Laboratory Director

Dr. Debbie Carpenter 919-515-1162 dcarpen3@ncsu.edu

Assistant Director for Research Planning and Product Performance

Dr. Alice Axtell (Interim) 919-515-3055 aaxtell@ncsu.edu

Manager, National Quality Assurance Unit

Dr. Johanna Mazlo 919-515-3066 jmazlo@ncsu.edu

Manager, Biopesticide Regulatory Support Program

Dr. Michael Braverman 609-200-5456 mbrave@njaes.rutgers.edu

Manager, Environmental Horticulture Program

Dr. Cristi Palmer 609-286-9338 clpalmer@njaes.rutgers.edu

Contact Us:

919-515-1552 ir-4_project@ncsu.edu

IR-4 Regional Contacts

North Central Region

Nicole Soldan Regional Field Coordinator Michigan State University 1066 Bogue St, Room A440 East Lansing, MI 48824 517-712-8441 schroe65@msu.edu

Northeast Region

Marylee Ross Regional Field Coordinator University of Maryland 27664 Nanticoke Road Salisbury, MD 21801 410-742-8788 ext. 310 mross@umd.edu

Southern Region

Kristen Searer-Jones (Interim) Regional Field Coordinator University of Florida P.O. Box 110720 1642 SW 23rd Dr. Bldg 685 Gainesville, FL 32611-0720 352-294-3979 k.searerjones@ufl.edu

NC STATE

Regional Contacts continued

Western Region

Dr. Kari Arnold Regional Field Coordinator University of California Davis One Shields Avenue Meyer Hall Room 4218 Davis, CA 95616 530-752-7634 klarnold@ucdavis.edu

USDA-ARS

Dr. Alvin Simmons Regional Field Coordinator U.S. Vegetable Laboratory 2700 Savannah Highway Charleston, SC 29414 843-402-5307 alvin.simmons@ars.usda.gov





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