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Pest Management Solutions for Specialty Crops and Specialty Uses

IR-4 Monthly Update

In This Report

Food Use
Environmental Horticulture
Biopesticide & Organic Support
Integrated solutions
International Activities

Quick Links

Website
Contact Us

Follow us



Events

PMC & NRPM Meeting
IR-4 HQ & Crown Plaza Hotel
Princeton, NJ
October 30-November 2, 2018

Dear Sherri

This monthly email provides information about IR-4 program accomplishments, announcements, resources and upcoming events.

Food Use Program

In August, there was a notice of filing for Fenpyroximate that would produce 19 registrations on 80 new uses. [View the August report here.](#) In September, there were 4 permanent tolerances established on Cloquintocet-mexyl for use on teff. [View the September report here.](#)

The 2018 Food Use Workshop (FUW), attended by more than 150 participants, was held Sept. 19 in St. Louis, MO.

Project requests given at least one "A" nomination during the IR-4 online nomination process Aug. 23-Sept. 6 were discussed at the workshop (179 projects). A "first pass" through all projects resulted in 64 "A" priorities. These were subsequently reduced to the target 46 "A" priorities for the 2019 research plan.

At the workshop, projects requiring only Efficacy and/or Crop Safety data (Performance research) were also discussed/prioritized along with projects requiring GLP residue data. Stakeholders selected the 8 highest priority performance projects; these were designated as "H+" and trials will be conducted for these priority Performance projects in 2019. All "A" and "H+" priorities can be found on the IR-4 website using [this link](#).

The annual IR-4 National Research Planning Meeting (NRPM) will be held at IR-4 HQ Nov. 1-2. During October, Regional Field Coordinators and HQ staff are determining acceptable upgrade projects and are assigning field sites for all upgrade and "A" priority projects from the Sept. FUW. Additionally, plans for 2019 performance research are being made to complete ongoing projects and to initiate research on the 8 "H+" projects.

Environmental Horticulture

2018 Research Activities

During September, we continued to receive and process research from the 2018 experiments and from previous years.

2019 Research Activities

We have started to plan for 2019 research by revising the 2018 protocols and preparing the Research Selection Portal to be open starting Nov 1. Look for more details from your Regional Coordinators in the coming weeks.

Numbers through September

84% of the research has been received for 2016 projects
70% of the research has been received for 2017 projects
12% of the research has been received for 2018 projects
167 unique visitors viewed 787 EnvironHort website pages

Research Summaries

During September, we completed the [Rhizoctonia Literature Review and Efficacy Summary](#), and we started compiling a summary and literature review for Fusarium Efficacy.

Invasive Species

In September, we began compiling the research conducted over the last 5 years for Impatiens Downy Mildew. We also posted 4 [downy mildew dossiers](#).

SCRI Protecting Pollinators

In September, our research team continued collecting pollinator attractiveness data on top environmental horticulture crops. We also collected plant samples for residue analysis of systemic insecticides, and we started receiving analytical residue results.

Biopesticide and Organic Support Activities

In September, a tolerance exemption was established on *Metschnikowia fructicola* strain NRRL Y-27328 on 37 new uses. There was also a tolerance exemption filed for Pepino mosaic virus, strain CH2, isolate 1906 on 2 new uses. [View the September monthly report here.](#)

Integrated Solutions

The new Integrated Solutions program was initiated at the 2018 Workshop. This program expects to better service the needs of the IR-4 stakeholders by integrating products. It will take advantage of the considerable increase in development of efficacious biopesticides that are increasingly playing a more significant role in both conventional and organic agricultural production systems.

This program will:

1. Focus on Integrated Solutions research to screen conventional products and biopesticides singularly and/or in rotation to fill a pest management voids;
2. Provide a greater focus on ways to manage pest resistance in conventional systems;
3. Look at the use of biopesticides and/or short-residual low risk products near harvest to reduce residue levels

- to assist specialty crops for export markets (residue mitigation), and reduce dietary exposure;
4. Maintain priorities to address needs for organic production systems.

The 2019 research program will be a transition year with 5 research priorities for the Integrated Solutions program and 6 research priorities for the Biopesticide and Organic support Program. See the [IR-4 website](#) for a listing of the final priorities selected.

International Activities

2018 Joint FAO/WHO Meeting on Pesticide Residues was held in Berlin, Germany 18-27 September 2018. They reviewed 19 compounds for MRLs. The report should follow by the end of the year. Data Generators are now in the process of making submissions for the 2019 JMPR, data submissions are due November 30th. The tentative date for CCPR is the week of April 9th, 2019.

In September, there was a modification of an existing Maximum Residue Levels established by the European Union for Potassium phosphide. [View the September report here.](#)

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