



Making your Pesticide Needs a High Priority

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IR-4 WEBSITE:
WWW.IR4.RUTGERS.EDU



The IR-4 Mission

To support the registration of pest management tools for specialty crops.

Publicly funded program that conducts research and submits petitions to EPA.

- NIFA
- Hatch
- USDA/ARS



Specialty Crops

High value – Low acreage
<300,000 acres

Most Food Crops:

Fruits

Vegetables

Nuts

Herbs & Spices

Ornamental Horticulture Crops:

Floral

Nursery

Landscape

Christmas Trees



IR-4 Factoids

Established 1963

Data has supported almost 50% of
current food use tolerances

Also has programs for

- Biopesticides
- Ornamental Horticulture
- Public Health

Leadership role in global harmonization of
registrations



Partnerships

Land Grant System/SAES

- Funding in kind: offices, research farms, infrastructure, admin. support
- Expertise

Crop Protection Industry

- test substance & standards
- direct funding for special projects

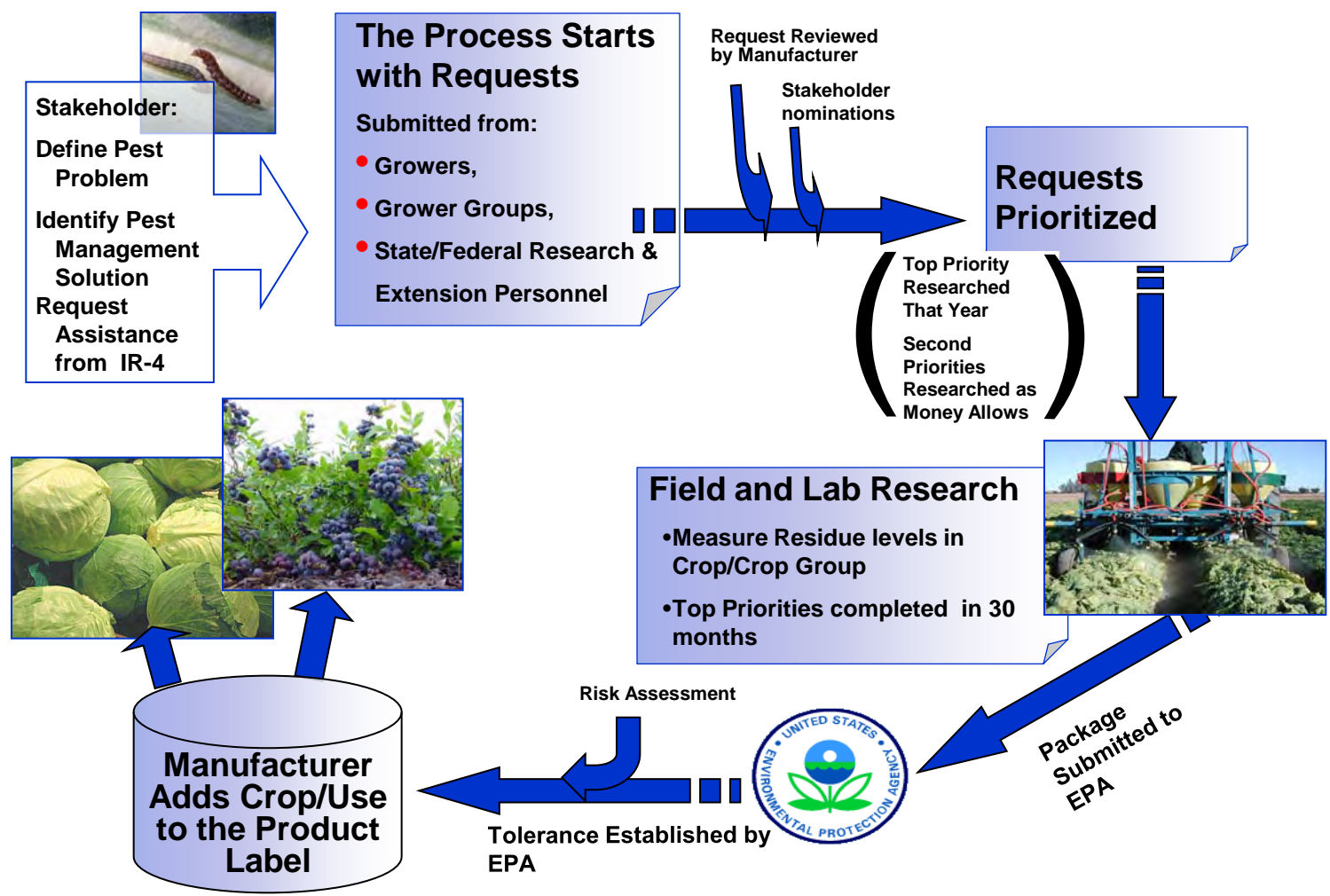
Growers/Grower Groups

- Commodity Liaison Committee

US EPA



The IR-4 Regulatory Clearance Process





Active Participation of Stakeholders

Your voice is important as NER is small:

- Geographically
- Average farm size

Provide input on important projects:

- New products
- Problem pests and/or control gaps

Tell us what you need:

- Submit pest management request (PCR)
Last PCR accepted August 15, 2012



The IR-4 Process

Projects prioritized at IR-4 Food Use Workshop

- A Priority - all research started in coming year
 - Project falls under the 30 month timeline
- B Priority - projects started as \$\$ allows
 - No strict adherence to 30 month timeline
- C Priority - will not be researched w/o outside support
- Not nominated: D = 1st yr; E = 2nd yr; F = 3rd yr
 - Projects removed from active consideration after 3 years

30 month timeline – time from start of project to submission to the US EPA



The IR-4 Research Priorities

Priority considerations:

- Products for specific pest management problems
- Products for specific crop protection gaps
- Fit into IPM program
- Reduced risk products

Must have some documentation that they work and do not harm the crop

Performance studies must receive A Priority at the Food Use Workshop



Nominations Process

Project must be nominated or it will not be discussed at IR-4 Food Use Workshop

List of projects for nomination posted August 17, 2012 (<http://ir4.rugers.edu>)
Ends August 30

Nominations can be submitted:

- On the website
- Through State Liaison Representative
- Or call Regional Field Coordinator



First Nominations Page

- Select discipline

~~New requests are
added as they
come in and can
be nominated at a
later date~~

The screenshot shows the IR-4 Project website. At the top left is the logo. To the right is a search bar with the text "Search IR-4" and a "Go" button. Below the search bar is a navigation menu with links: Home, Food Crops, Ornamentals, Biopesticides, Other Programs, and Directory. The "Food Crops" link is highlighted. Below the navigation is a banner with the text "Providing Safe and Effective Pest Management Solutions for Specialty Crop Growers". The main content area is titled "IR-4 Food Use Workshop Nomination Lists". Under this title, there are two sections: "Researchable Project List as of 08/06/07:" and "New PCR's Received After 08/06/07:". Each section lists three disciplines: Weed Science, Entomology, and Plant Pathology. At the bottom of the page, there is a note: "If you do not find the Chemical/Crop combination in either category above, please [click here](#). If you would like to submit a new request, please [click here](#)."





Discipline Page

Arranged by Crop Group (1-20)

1. Root & tuber veg.
 4. Brassica veg.
 9. Cucurbits
 11. Pome fruit
 12. Stone Fruit
 - 13-07 Berry and Small Fruit
 19. Herbs
 20. Oil seed
- Miscellaneous

Scroll to Crop Group of Interest

Check A, B or C column



IR-4 Food Use Workshop Weed Science New PCR Nomination List

Please enter your name and affiliation below.

Name:

Affiliation:

Nomination Instructions:

To nominate a project simply click in the small checkbox in the first column, and then click on the "Submit" button at the very bottom of the list - you must click "Submit" to register your nominations; if a project has already been nominated, the row will be shaded and there will be no checkbox in which to click - this project will be discussed at the workshop.

This list will continue to change as new PCRs are received during the nomination process until August 15th, the deadline for receipt of new PCRs at IR-4 HQ.

You can nominate projects in this list anytime through August 17th; you can return here as many times as you want.

On August 20th the list of nominated projects in this discipline will be posted on this website - please print the lists for use at the workshop.

Click on PR# to see more detail about the project.

Pnum (Priority) = Protocol	Pesticide(MFG)	Commodity (Crop Group)	Reason for Need	Performance Data Available	Req States
10056 C	PYRAFLUFEN-ETHYL (NAI)	TURNIP (ROOTS & TOPS) (01AB = ROOT SUBGROUP)	BROADLEAF WEEDS	YES	AR
10066 C	THIOBENCARB (VALENT)	TURNIP (ROOTS & TOPS) (01AB = ROOT SUBGROUP)	ANNUAL GRASSES, BROADLEAF WEEDS	YES	AR
03021 C	FLUAZIFOP-P-BUTYL (SYNGEN)	ENDIVE (04A = LEAFY GREENS SUBGROUP)	GRASS CONTROL	NO	AR OH SC
10052 B	PYRAFLUFEN-ETHYL (NAI)	SPINACH (04A = LEAFY GREENS SUBGROUP)	WEEDS	YES	AR KY TX





Provide Guidance on Priorities

- Nominated projects posted on IR-4 website in early September
- Communicate your top priorities to someone who can champion that need at the IR-4 Food Use Workshop
 - NE Regional Field Coordinator
 - State Liaison Representatives
- Join conference call to discuss northeast priorities (first week in September)
- Support your local researchers for product efficacy and phytotoxicity data for PCR's



Contact Information

Mid Atlantic State Liaison Representatives:

Brian Kunkel

- University of Delaware

Ed Beste

- LESREC, University of Maryland

Greg Krawczyk

- Penn State

Harvey Reissig

- Cornell University

Rakesh Chandran

- West Virginia University

Cesar Rodriguez-Saona

- Cranberry/ Blueberry Research, Rutgers



Contact Information

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LET ME KNOW IF YOU WOULD LIKE
TO BE ADDED TO MY E-MAIL LIST