



# The IR-4 Project

Pest management solutions for specialty crops and specialty uses



# IR-4's Mission

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**Securing pest management solutions for specialty crops  
and specialty uses in support of public well-being.**

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# What We Do

- Ensure that specialty crops and minor uses have legal access to **safe, effective crop protection** products
  - Work with **growers and other stakeholders** to identify pest management needs and solutions
  - Conduct necessary crop safety, efficacy, and residue **research**
  - **Submit data** to the U.S. Environmental Protection Agency (EPA) and other entities for approval of new uses



# Crops IR-4 Supports

- **Specialty crops**
  - Fruits, vegetables, nuts, herbs, spices, mushrooms, and horticulture crops
  - USDA, Section 101 of the Specialty Crop Competitiveness Act of 2004
  - High value, lower acreage crops
- **Minor uses on major crops**
  - Ex: methoxyfenozide on rice



# IR-4 is Technology Neutral

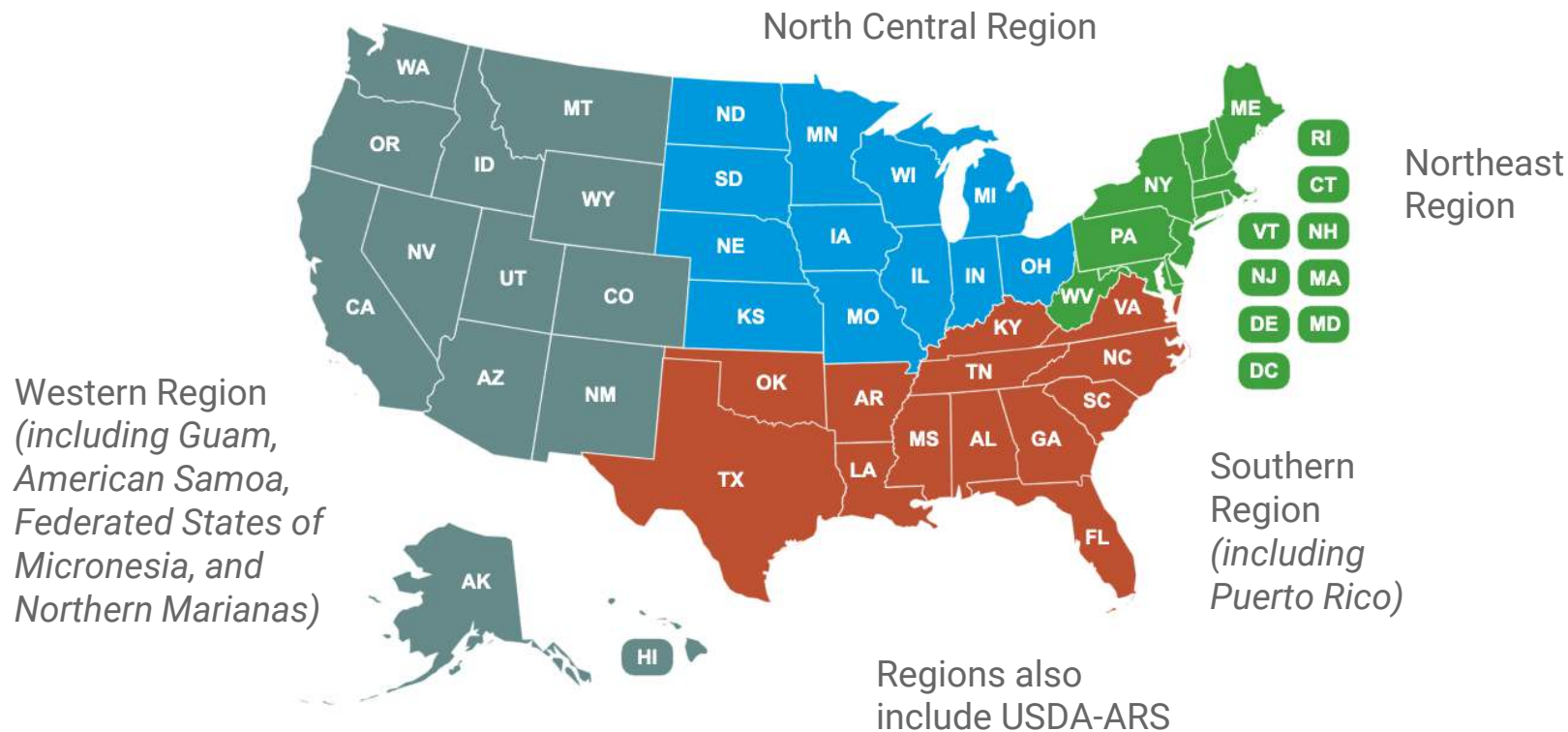


IR-4 gives organic and conventional farmers safe, effective tools that suit their needs. **Growers decide** what their production systems need, and IR-4 helps them to access:

- Chemical pesticides
- Biopesticides
- Biotechnology
- Emerging technologies

# The IR-4 Project Regions

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# IR-4's Programs

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# Program Areas

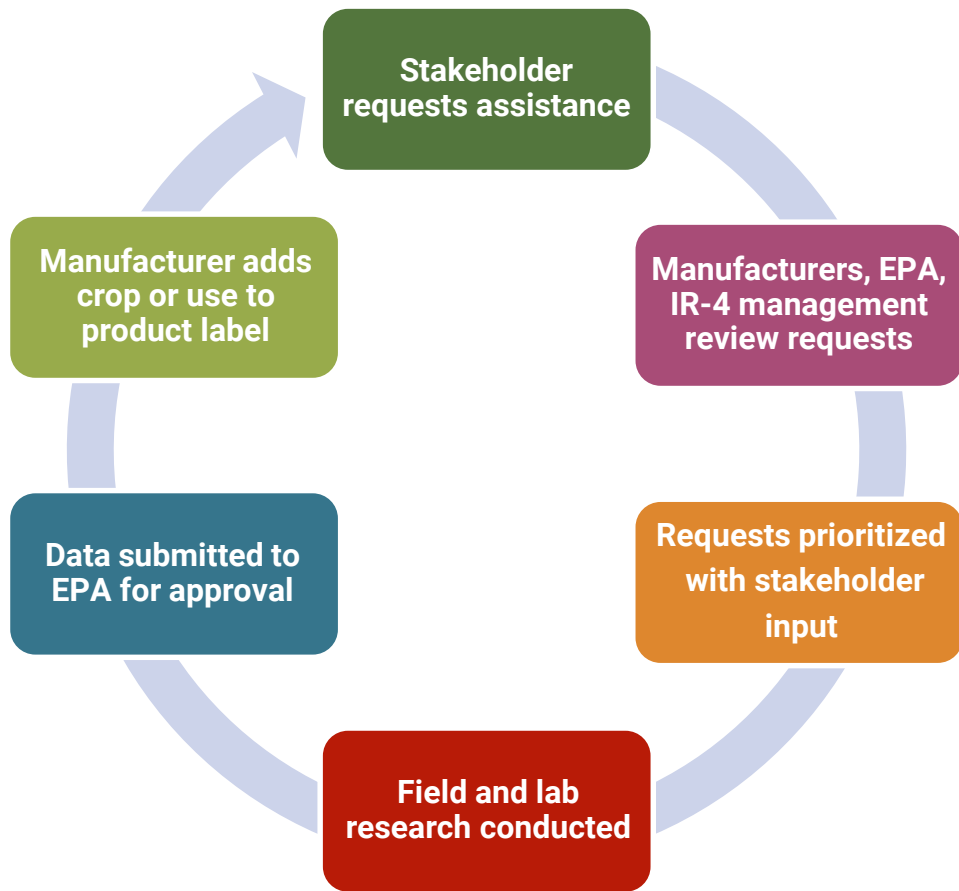
## Food Crops

- Residue Studies & Product Performance
- Biopesticide Regulatory Support
- International Activities

## Environmental Horticulture

- Product Performance
- Pollinator Health
- Invasive Species

# FOOD CROP RESEARCH CYCLE



## UPCOMING EVENTS

### Industry Technology Session

February 19, 2026  
Virtual

### Regional Priority Setting

June 2026  
Virtual

### Food Use Workshop

September 2026  
Austin, Texas

Food Crop Program **research platforms:**

## RESIDUE & PRODUCT PERFORMANCE



*Pineapple field trial in Puerto Rico; image credit:  
Wilfredo Robles Vasquez*

## RESIDUE & PRODUCT PERFORMANCE

Generates data required to support registration of a single product for the management of a specific pest on a specific crop.

- **Residue:** Establishes residue tolerance for the crop
- **Product Performance:** Assesses the efficacy and crop safety of the pesticide



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