



2016 New Mexico WPGA

IR-4 Project Overview

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IR-4 Project-NMSU



United States
Department of
Agriculture

National Institute
of Food and
Agriculture



College of Agriculture, Consumer and Environmental Sciences

IR-4 Project

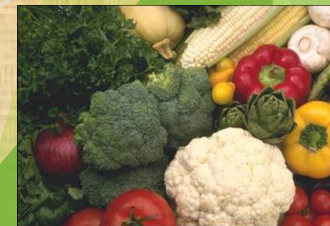
- IR-4= Interregional Research Project No. 4
- Established in 1963 by USDA
- Minor use crops—less than 3000,000 acres
*But, there are always excepPons....
- The IR-4Project has been the major resource for supplying pest management tools for specialty crop growers by developing research data to support new EPA tolerances and labeled product uses.



Registrations

To Support the Establishment of Food Use Tolerances/Clearances for:

- SecPon 3 registraPons
“Full registraPon”
- 24(c) registraPons
“Special Local Need” (SLN) registraPon
- SecPon 18 “Emergency Use ExempPon”



Official Process Starts with a Formal Project Clearance Request (PCR)

IR-4 Programs

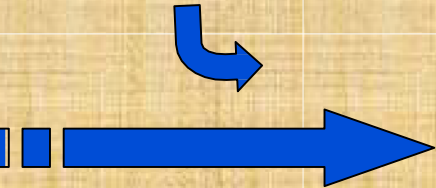
Request Reviewed by Industry

Not Supported

No further Activities

Supported

Enters Project Priority Setting System



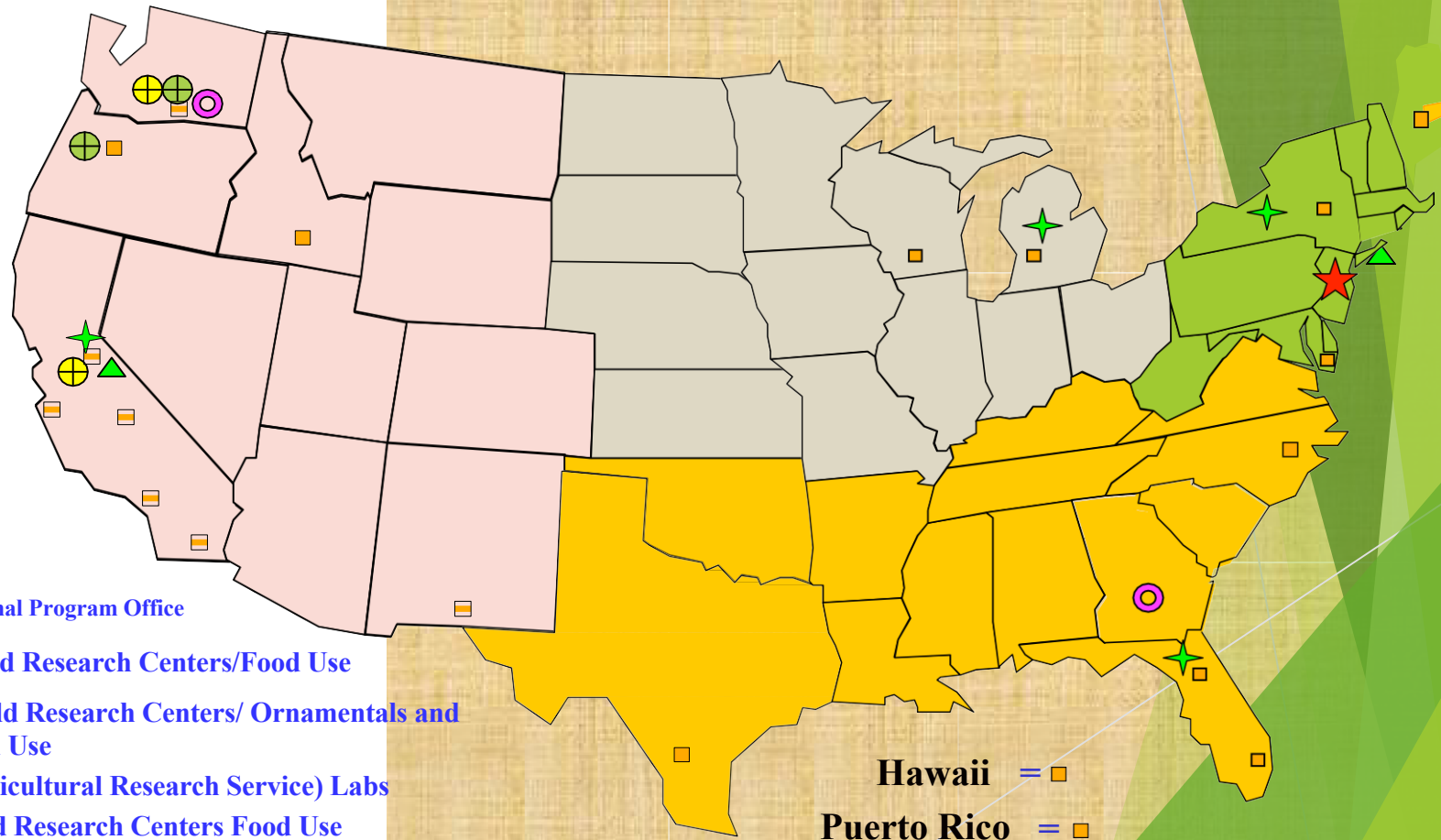
NM
STATE

The
IR-4
Project

R4Project Infrastructure PesAcide Residue work



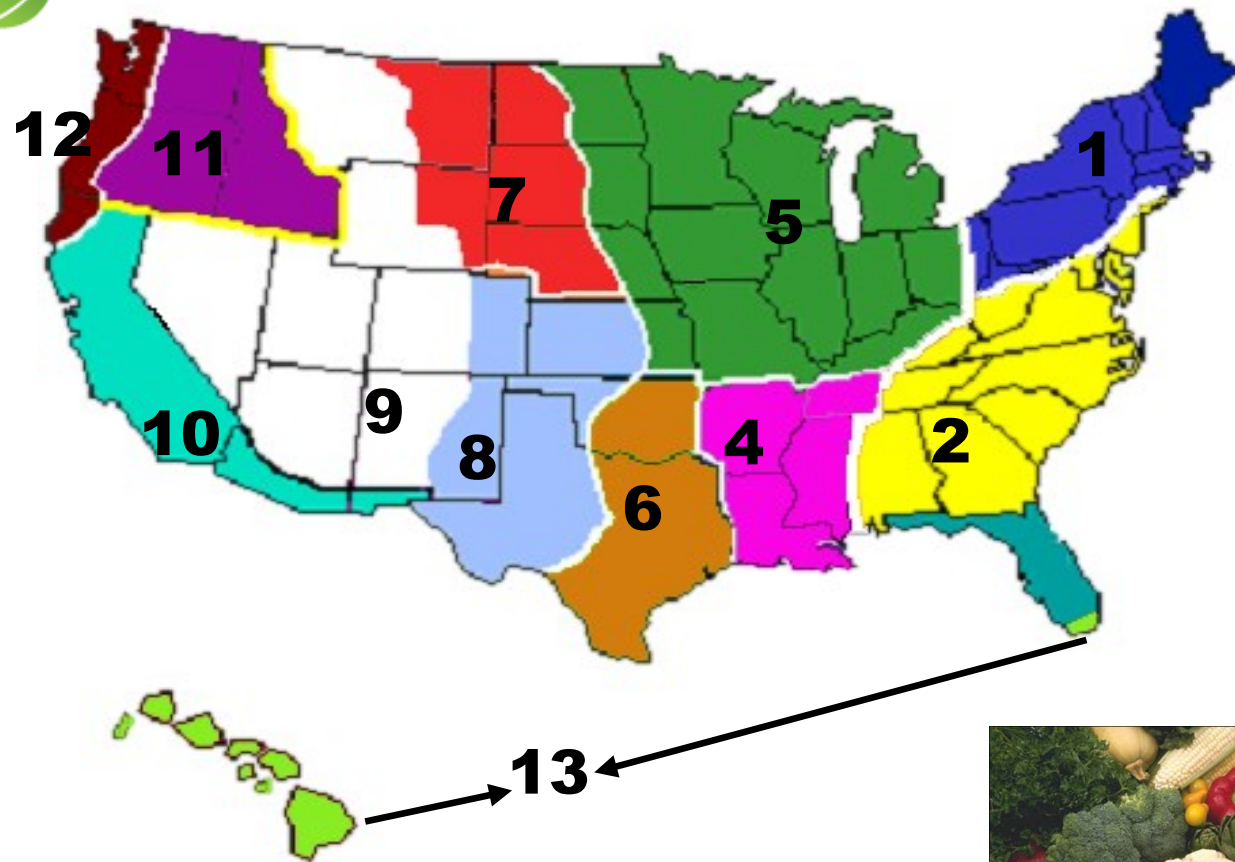
-  IR-4 HQ
-  IR-4 Regional Program Office
-  State Field Research Centers/Food Use
-  State Field Research Centers/ Ornamentals and Non-food Use
-  ARS (Agricultural Research Service) Labs
-  ARS Field Research Centers Food Use
-  ARS Field Research Centers Ornamental
-  ARS Field Research Centers Ornamental and Food Use



Hawaii = 

Puerto Rico = 

R4Region Map



Registrations

496 Trials in 2016-United States and Canada

5 Onion (NM 2)

4 Chile/Peppers

2 Cabbage (NM)

2 Bean

1 Sorghum (NM)

1 Peanut (NM)

7 InsecPcides

5 Herbicides

3 Fungicides



Project Clearance Request

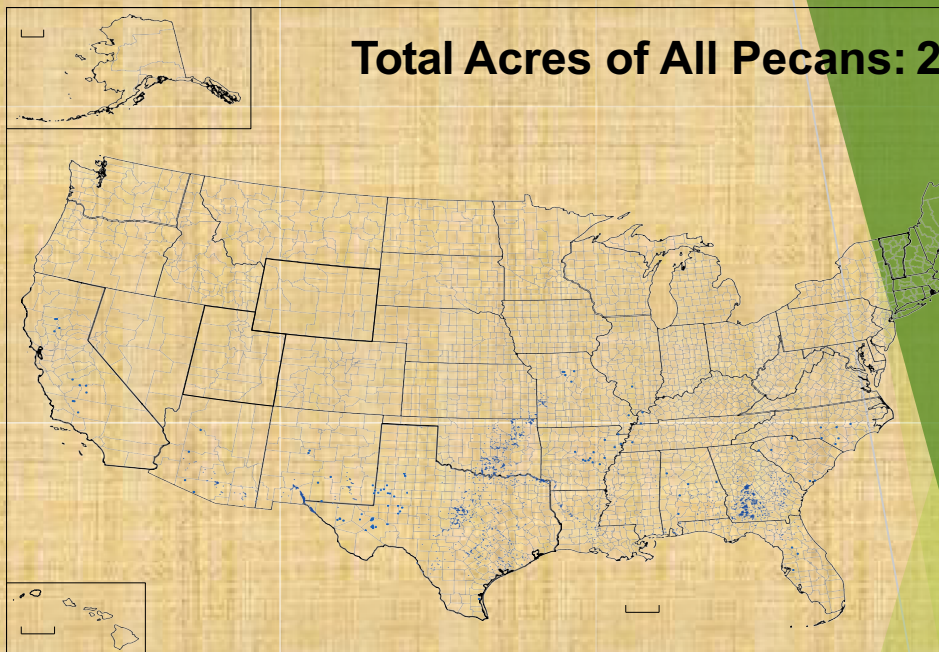
- Product Name: Cultar
 - Common Name: Paclobutrazol
 - PGR
 - Syngenta

- IniPal Request
 - Came from Texas Pecan Growers Association
 - Mid 2015
 - Formal Project Clearance Request Late 2015



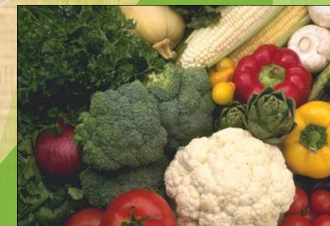
All the moving parts

Total Acres of All Pecans: 2012



United States Total 543,486

U.S. Department of Agriculture, National Agricultural Statistics Service



Issues

- What needs to be done.
 - Move from B to A priority secng.
 - Conduct residue trials next summer 2017

- **Number one issue—effect on aqua2c life**
 - Paclobutrazol use in perennial fruit crops and its residual effects: A review; INDIAN JOURNAL OF AGRICULTURAL SCIENCES: July 2015



NM
STATE

The
IR-4
Project 

NM
STATE
UNIVERSITY

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