2016 New Mexico WPGA

IR-4 Project Overview

Cary C.S. Hamilton, Director of Field Operations and Research
IR-4 Project-NMSU

College of Agriculture, Consumer and Environmental Sciences
• **IR-4** = Interregional Research Project No. 4

• Established in 1963 by USDA

• Minor use crops—less than 3,000,000 acres

  *But, there are always exceptions....*

• The IR-4 Project 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.

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Registrations

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

- SecPon 3 registrations
  “Full registration”
- 24(c) registrations
  “Special Local Need” (SLN) registration
- SecPon 18 “Emergency Use Exemption”

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IR-4 Programs

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

Request Reviewed by Industry

Not Supported

No further Activities

Supported

Enters Project Priority Setting System

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### Registrations

**496 Trials in 2016-United States and Canada**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Registrations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Onion</td>
<td>5 (NM 2)</td>
</tr>
<tr>
<td>Chile/Peppers</td>
<td>4</td>
</tr>
<tr>
<td>Cabbage</td>
<td>2 (NM)</td>
</tr>
<tr>
<td>Bean</td>
<td>2</td>
</tr>
<tr>
<td>Sorghum</td>
<td>1 (NM)</td>
</tr>
<tr>
<td>Peanut</td>
<td>1 (NM)</td>
</tr>
<tr>
<td>Insecticides</td>
<td>7</td>
</tr>
<tr>
<td>Herbicides</td>
<td>5</td>
</tr>
<tr>
<td>Fungicides</td>
<td>3</td>
</tr>
</tbody>
</table>
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

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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
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