



IR-4 Update @ MRL Harmonization Workshop

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Pest Management Solutions for Specialty Crops and Specialty Uses





Program Areas

Food Crops

- Residue Studies
- Product Performance
- Integrated Solutions
- Biopesticide Regulatory Support
- **International Harmonization of MRLs/regulations**

Environmental (Ornamental) Horticulture

- Product Performance
- Invasive Species
- Pollinator Health





THE IR-4 PROJECT

Pest Management Solutions for
Specialty Crops and Specialty Uses

Deliverables

Food Crop Program

- **2022 – 694 new tolerances/ 750 potential registrations**
- **Since the Start - 23,000 uses supported**

Environmental (Ornamental) Horticulture Program

- **Since the Start – Over 40,000 impacted uses**



IR-4 Role in Global MRL Harmonization

1990's

- **IR-4 first piloted joint residue trials with hops in Germany**
- **More extensive pilot with Canadian Horticulture Council.**
- **Canadian government established PMC to develop residue data in Canada to support minor uses - 20 years of partnership with PMC on joint projects**
- **Success**



IR-4 Role in Global MRL Harmonization

1990's

- **Many developed countries reached out to IR-4 to explore the whats and hows. Including:**
 - **Australia**
 - **Brazil**
 - **Germany**
 - **Mexico**
 - **New Zealand**
 - **United Kingdom**



IR-4 Role in Global MRL Harmonization

2005

- **Lots of meetings, domestic and international**
- **Alternative – Host an international meeting**
 - **Global Minor Use Summit 2007 at FAO Headquarters in Rome**
- **Set the stage for significant global cooperation**
 - **Codex Crop Groups**
 - **Capacity building in emerging economies**



IR-4 Role in Global MRL Harmonization

- **Stepped up capacity building**
- **Joint projects & global data sets**
- **More JMPR/Codex submissions**
- **FAS invested in many project**
- **2nd & 3rd Global Minor Use Summits/Workshops**
- **“Birth” of Minor Use Foundation**



IR-4 Role in Global MRL Harmonization

Early 2020s

- **For IR-4 less “bandwidth” with global**
- **Focus on Relocation of HQ**
- **COVID Travel restrictions → difficult to have virtual apacity building**
- **Minor Use Foundation grows up**



Minor Use Foundation

- **Minor Use Foundation**
 - **Expanded Staff and Research Centers**
 - **Archive Project**
 - **Capacity Building**
 - **Global Minor Use Summit**
Feb 4-9 Madrid, Spain



IR-4 Role in Global MRL Harmonization

Current

- **Reestablish joint studies with Canada**
- **Residue mitigation research**
- **Addressing more Codex data requirements when doing domestic research**
- **Exploring new cooperative research opportunities, and.....**



Capacity Building

Introducing IR-4 Borlaug Fellows



Challenges/Opportunities

- **Emerging Technologies**
 - **How will they be regulated and will they be accepted**
- **The EU**
 - **Loss of products-removal of MRLs even when not human health related**
- **Endangered Species Act**
 - **Delays and uncertainty**



Thank You!

