IR-4 Project Update

California MRL Workshop

Topics

- Program Highlights
  - Food Crop Residue Program
  - Integrated Solutions
  - Transitions

- International activities
  - Canada
  - Europe
  - Global Residue Project for Tropical Fruit

- Minor Use Foundation

IR-4 Mission

Facilitating the regulatory approval of sustainable pest management technology for specialty crops and specialty uses to promote public well-being

Food Crop Program Success

Registrations by the numbers:

- 1,545 new uses

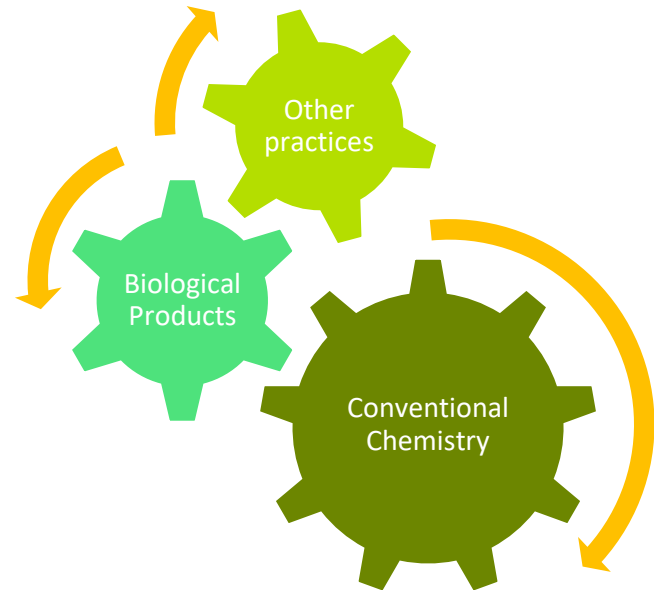- 208 tolerances established

- 21,358 clearances in 56 years

Record breaking

The IR-4 Project

Modern Minor Use Problem

Registrations are plentiful but ability to use approved crop protection products products may be limited

Export Issues	Efficacy Data Needs	Pest Resistance	Use Restrictions	Public Acceptance

Integrated Solutions

- Product screening
  - Conventional and biological products
- Integration of chemical and biological pesticides
- **Integration of pesticide types to reduce the risk of MRL violations in export crops**
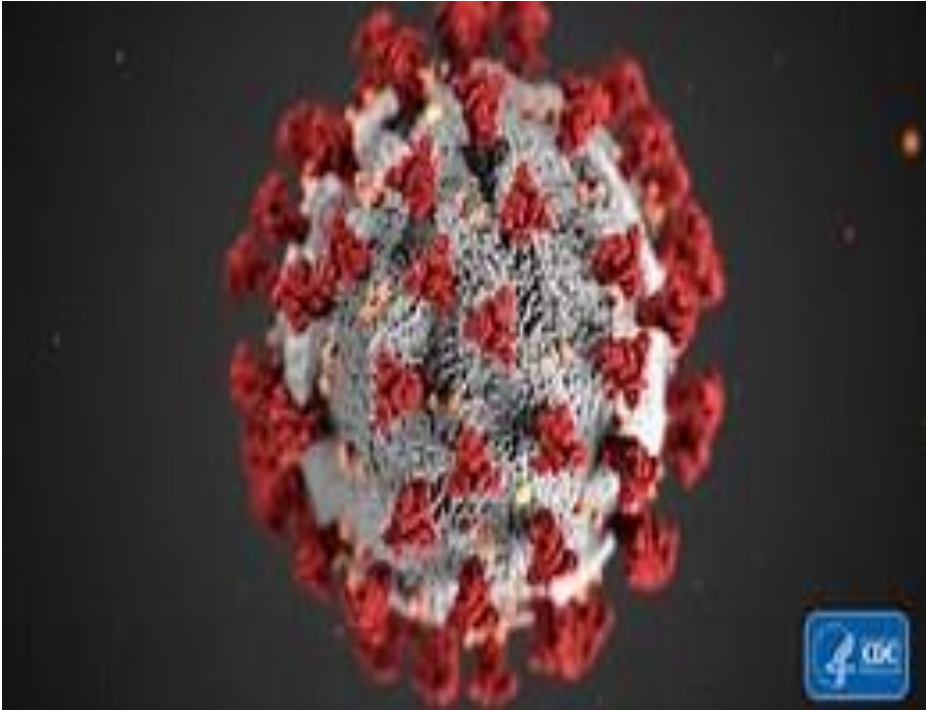- Support for organic systems

IR-4 Project HQ is Moving

- Why
  - Decade of flat funding
  - University service fees (indirect costs)

- Issue:
  - Disruption during move
  - Must remain operational
  - Personnel transitions

- Impact:
  - Potential impact on registrations, studies and trials
  - Loss of institutional knowledge

- Strategy:
  - Long transition to minimize disruption
  - Shadow organization
  - Modify structure to better address future specialty crop protection challenges

COVID-19

- Field trials
- Analytical Labs
- Quality Assurance
- HQ
- Food Use Workshop

International Activities

- IR-4 involvement to address:
  - Lack of harmonized tolerances
    - Prevents U.S. exports
  - Efficiencies by working internationally
  - "HvR" War

Canada's Pest Management Centre

- IR-4 strongest research partner
  - Shirley Archambault retired, replaced by Christine Gagnon
  - Numerous joint projects with new Corteva fungicide in 2020
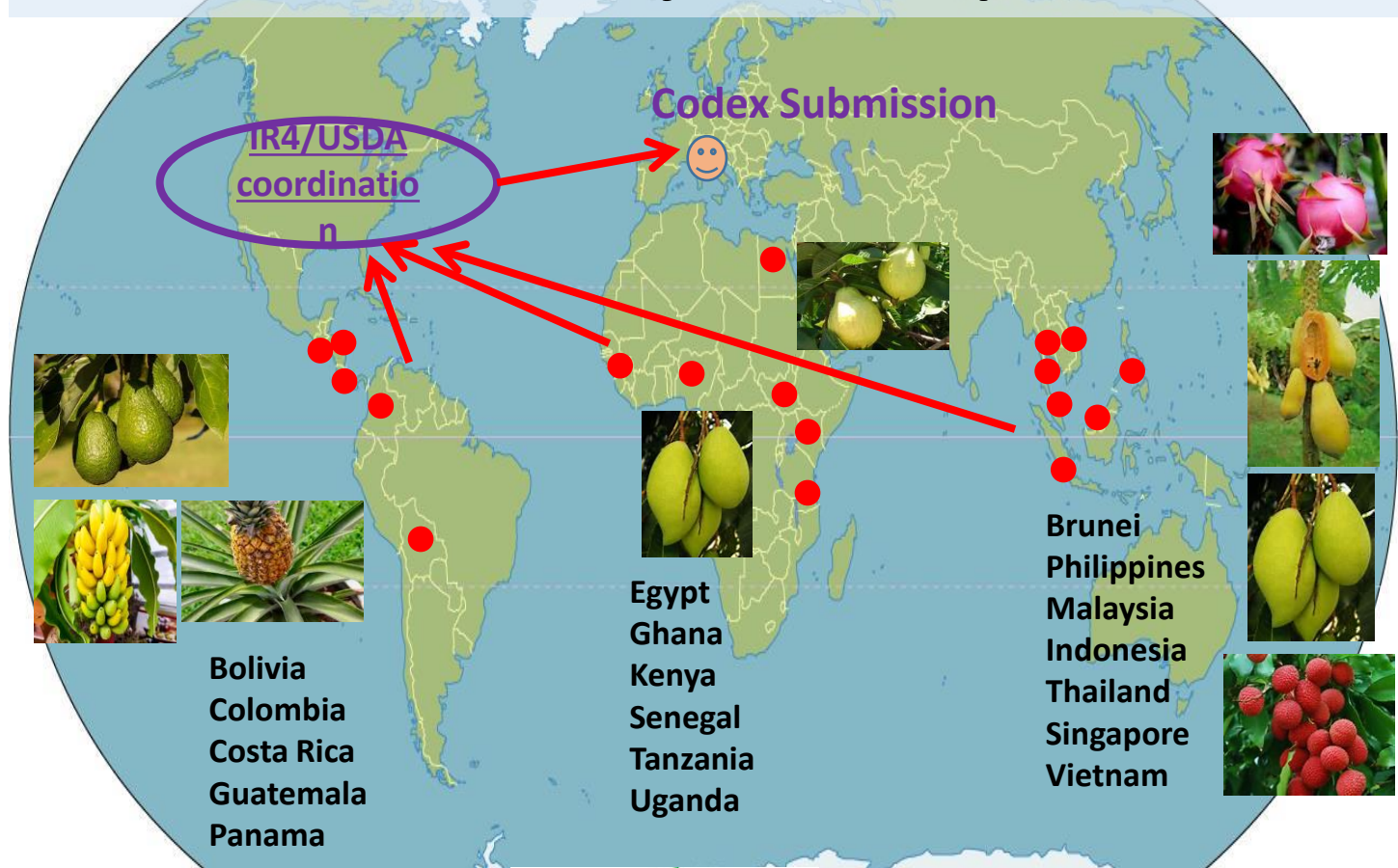   - COVID-19 challenges

EU Minor Use Coordination Facility

- Substantial funding deficit

- Coordinator (Jeroen Meeussen) and Technical Experts have separated from EU MUCF

- Luc Peters retired

- Future???

- All this while more and more pesticide uses and MRLs are removed from EU market

Global Residue Project for Tropical Fruits

Codex Submission

IR4/USDA coordination

Bolivia
Colombia
Costa Rica
Guatemala
Panama

Egypt
Ghana
Kenya
Senegal
Tanzania
Uganda

Brunei
Philippines
Malaysia
Indonesia
Thailand
Singapore
Vietnam

Dow AgroSciences   syngenta.   SUMITOMO CHEMICAL

Global Minor Use Workshop

- Scheduled for mid-September in Minneapolis, MN. Will be converted to electronic workshop

- Chair-Michael Braverman (IR-4), Mario Wick (Germany) and Jim Chaput (Canada) updating process to accommodate new challenges

- Schedule:
  - May 20th- Deadline for submitting priorities
  - June 1st- Mario Wick sends updated spreadsheet and request rankings
  - July 1st – Deadline for receiving rankings
  - July 10th Mario sends out results of rankings and we announce the top 10 temperate, tropical, greenhouse(30 Priorities total)
  - July 20th Interim working groups are formed by those that requested the winning 30 priorities to conduct a merit analysis.
  - Sept 1 - Merit analysis due
  - Sept 16th GMU Priority Setting Workshop

Minor Use Foundation, Inc

Vision and Mission

- The organization will:
  - Establish a collaborative international approach to address MRL needs for specialty crops and minor uses
  - Implement Priorities resulting from the Global Minor Use Workshops.
  - Provide funding for research to other qualifying organizations.
  - Fund research program to obtain harmonized MRLs
  - Coordinate activities with organizations that work throughout the world
- Seek and obtain funding from Government Grants, Foundations, other non-profits, and Industry to support research and future Global Minor Use meetings
- Establish an advisory committee to provide advice
- The Minor Use Foundation, Inc
  - 501(C)(3) non-profit
  - Board Chairman, Dirk Drost
  - Board Members: Dan Kunkel, IR4; Michael Braverman, IR4, and Jason Sandhal, USDA-FAS

Minor Use Foundation

The IR-4 Project

IR-4 International Activities- Funding

- Very optimistic pre COVID-19
- Many opportunities
    - Congressional Appropriations
    - TASC Grant
    - Special FAS Projects
    - Minor Use Foundation
    - B & M Gates Foundation

Questions?