

Minor Use Foundation: Supporting & Strengthening International Collaboration for Specialty Crops



Minor Use Foundation



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Historical support and influence of the STDF

- MUF grew out of previous STDF projects:
 - STDF/PG/337, STDF/PG/436 in Latin America and STDF/PG/359 in Africa
 - “The STDF projects laid the technical foundation and logistical mechanisms for the establishment of the Minor Use Foundation (MUF), which aims to provide a coordination mechanism to gather and prioritise pest control needs at a global level, and to coordinate residue data generation projects among multiple countries to establish Codex MRLs” (external evaluation 2019)

What is the MUF?

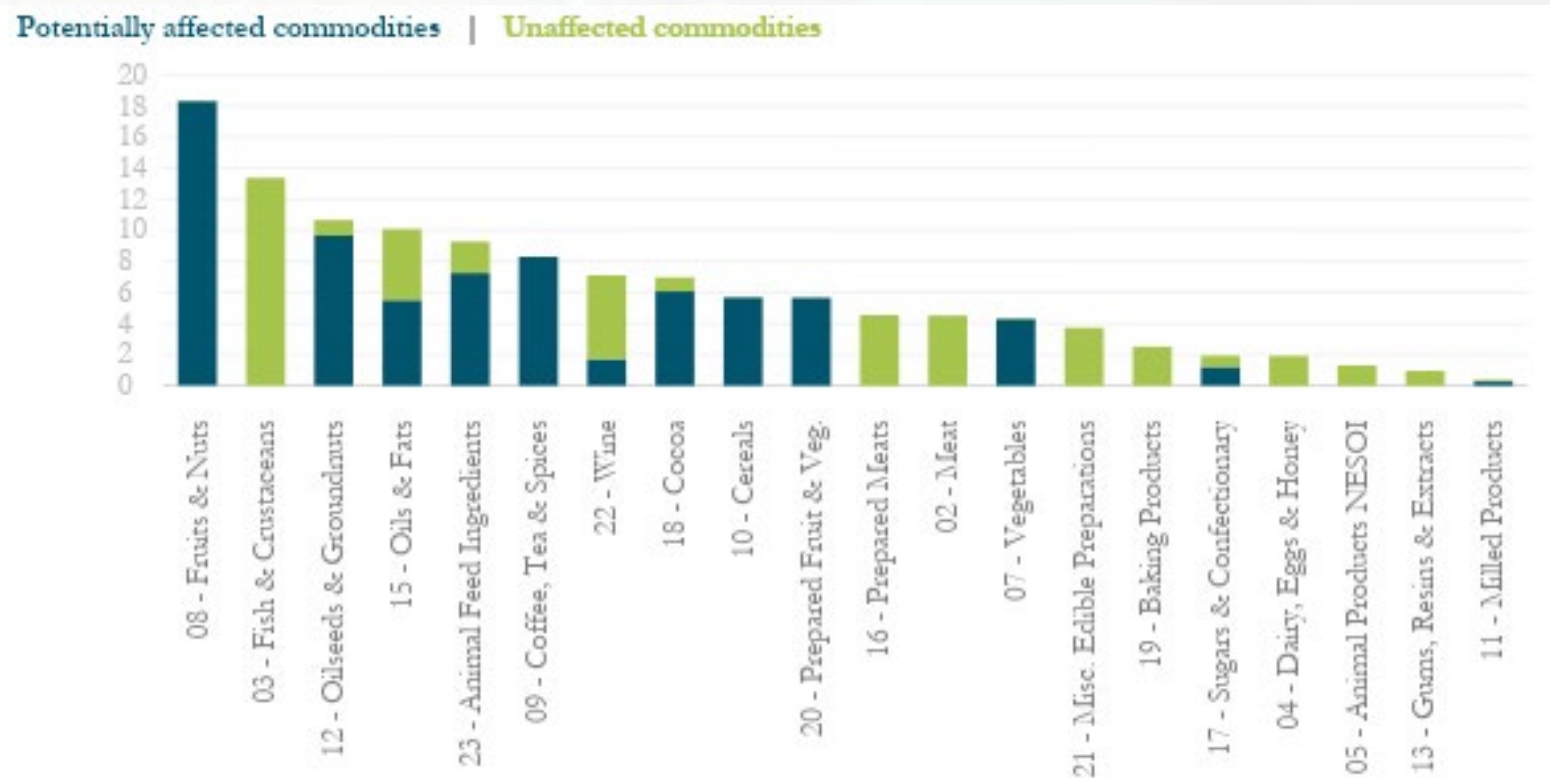


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Economic growth: A globally disharmonized system

EU-27 agricultural imports, 2016 through 2020, average annual value



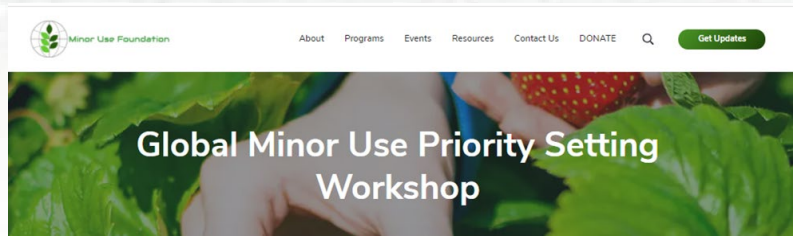
Biodiversity and environmental sustainability

- Transitioning to newer chemicals
- GAP trainings
- Better understanding of risk for improved pesticide regulation
- Increased production of specialty crops



MUF operational model

1. Priority-setting



2. Form field teams



3. Conduct field trials and lab analysis



4. Assess the results and write the final report



5. Submit data package to JMPR



MUF priorities and dimensions of impact

- 1) Generate data to facilitate the registration of pesticides for minor use commodities to make CCPR more equitable and relevant
- 2) Promote international cooperation and information-sharing to reduce redundancy and unnecessary trade barriers
- 3) Build a network of pre-eminent experts in pesticide science to create an inclusive, robust global dialogue on pesticide risk assessment, risk management, and risk communication

Generating data to facilitate the registration of pesticides for minor use commodities to make CCPR more equitable and relevant

2024 JMPR Submissions

- **LAC**
 - 8 active projects
 - Regional center of excellence 3/23
- **Africa**
 - 2 active projects
- **Asia**
 - 4 active projects
- **14 CXLs**



Promoting international cooperation and
information-sharing to reduce redundancy and
unnecessary trade barriers

Priority-setting workshops

- LAC: Final workshop 9/26
- Africa: Final workshop 11/2
- SE Asia: December 2021
- Global Minor Use Summit: Jan/Feb 2024

African priorities

| | | | | | |
|---|---------|----------|-----------------------------------|--|--------------------------------------|
| 3 | Banana | Fusarium | Fusarium sp. | Ethiopia, Kenya, Mozambique, Uganda | |
| 4 | Coffee | Scales | Coccus sp. | Kenya, South Africa | sulfoxaflor |
| 5 | Avocado | Anthraco | Colletotrichum gloeosporioides | Ethiopia, Ghana, Kenya | Adavelt |
| 6 | Mango | Anthraco | Glomerella cingulata | Ghana, Mozambique, South Africa, Uganda | Azoxystrobin, Copper Hydroxide |
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IR-4 Archives project

- 17 trials underway on 15 crop/chemical combinations
- 19 additional crop/chemical combinations where no additional data is needed
 - 4 submissions prepared
- Result in as many as 36 data packages submitted to JMPR

Building a network of pre-eminent experts in pesticide science to create an inclusive, robust global dialogue on pesticide risk assessment, risk management, and risk communication

Training and Capacity-Building Update

- **JMPR manual technical training (11/15-19/21)**
 - Partnership with FAO
 - Focused on risk analysis, supervised trials, and estimation of MRLs
- **Field trial training in Panama (5/2-6/22)**
 - Launch banana/spinetoram trials
- **Virtual GLP training (6/2-3/22)**
 - Over 500 participants from 21 countries in Latin America and Africa
 - TOT model in practice
 - 97% of participants who completed a survey rated the workshop as excellent
- **National University of Colombia Center of Excellence- March 2023**
- **Expansion into Argentina, Chile, Honduras, DR with trainings in 2023**

Looking forward

Key targets for 2023:

1. Develop a pest-driven strategy and improve synergies across regions/issues
2. Launch 10 new trials
3. Complete 4 studies for submission to JMPR
4. 1 CXL established as a result of data produced by the MUF
5. 4 registrations achieved on minor use commodities
6. Conduct a qualitative and quantitative study to assess the Foundation's impact

Ongoing collaboration with STDF

- STDF PG/753: Mitigating Pesticide Residues In Latin America Using Biopesticides
- STDF PG/694: Enhancing Trade Through Regulatory Harmonization and biopesticide-based residue mitigation in the SADC region
- STDF/634: Pesticide Residue Mitigation Through the Promotion of Biopesticides

Discussion & Feedback?

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