• FAO involvement in SPRINT

- *Beatrice Grenier*
- *FAO Plant Production and Protection division*
- *Pest and Pesticide management team, FAO, Rome*

FAO - SPRINT Global Webinar, 11 May 2022

- **FAO and SPRINT**

SPRINT
SUSTAINABLE PLANT PROTECTION TRANSITION

- FAO is one the many partners in SPRINT
- FAO is global and policy-oriented
- FAO is involved in various other **Horizon2020 projects**
  - Blue cloud (marine research and blue economy)
  - Bike (biofuel sustainable production)
  - Increase (food-legume genetic resources)
  - Trade4SD
  - Radiant (underutilised crops)
  - Conexus (ecosystems for urban sustainability), etc.

Horizon 2020
European Union Funding
for Research & Innovation

• FAO activities relevant to SPRINT

- **Sustainable agriculture / SDGs**

✓ Promoting sustainable, efficient, resilient and inclusive plant production and protection

✓ Protecting human health and the environment

➢ **Minimizing pesticide risks** through a sustainable <u>pesticide life-cycle</u> management promoting IPM, agroecology and biopesticides and mainstreaming biodiversity into agricultural policies and agrifood systems

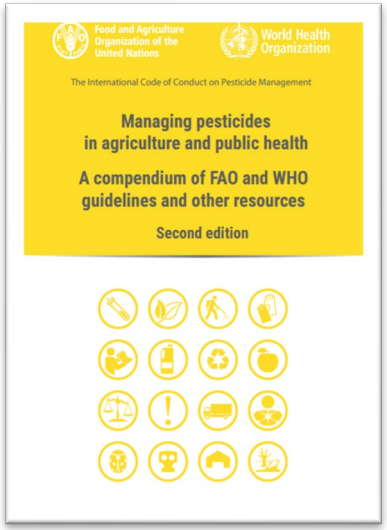
➢ **Ensuring food safety and nutrition**

• FAO activities relevant to SPRINT

• Pesticide (and pest) management

- **1/ Guidelines and standards**
- Code of Conduct on Pesticide Management (with WHO)
- Guidelines and tools
- Pesticide residue evaluations and MRLs in food (Codex)
- Pesticide specifications (quality control and safety)

About 40 technical guidelines to supplement the International Code of Conduct on Pesticide Management developed over 25 years and regularly revised and updated



- **Networks:** governments, regulators, observers (NGOs, industry, academia, etc)
- **Target audience:** regulators, policy makers, farmers in LMICs

• FAO activities relevant to SPRINT

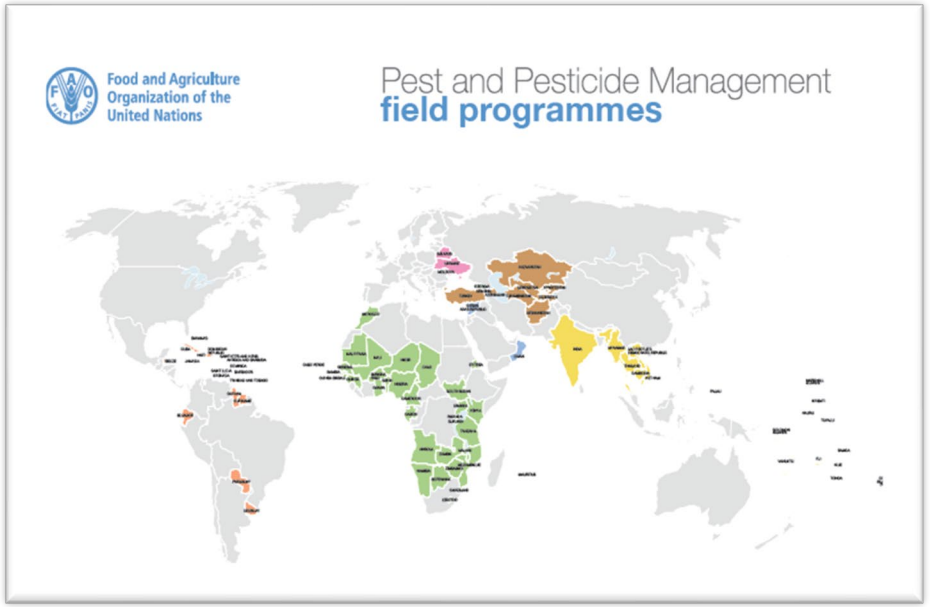
Pesticide **Registration** Toolkit

- **Online handbook** and **decision support system** for registrars
- Options on registration and evaluation
- Recent modules on soil assessment and on registration criteria
- Training (+400 registration staff, 71 countries) & webinars

→ integrate/link the SPRINT toolbox

https://www.fao.org/pesticide-registration-toolkit

- # FAO activities relevant to SPRINT
- Pesticide (and pest) management



- **2/ Field activities - Capacity building and technical assistance**

- Support to LMICs through e.g.
- Projects
- Trainings
- Farmer field schools (FFS) to strengthen farmer's participatory innovation capacity

- On:

✓ Pesticide life-cycle aspects, risk reduction

✓ Rotterdam Convention

✓ Highly Hazardous Pesticides

✓ IPM, alternatives, biopesticides

• FAO activities in SPRINT

- (to be) involved in different work packages

WP 5 on SPRINT Toolbox

- Global Health Risk Assessment Toolbox
- → Testing the global applicability of the Toolbox and link to FAO Toolkit

WP 7 on transition paths and policy recommendations

→ Integrate recommendations in international policy guidance on pesticide management

WP 8 on communication/dissemination

→ Global events

→ Field activities

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• FAO involvement and interest in SPRINT

- ***New innovative areas***
- ***Technical***

- Cumulative effects, risk assessment for multiple exposure, mixture of pesticides
- EPAH (One Health) – Environment/ecosystems, Plant, Animal, Human

- ***Policy***

- To inform policy aspects about transition paths
- To improve technical tools
- To update international guidance

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THANK YOU

https://www.fao.org/pest-and-pesticide-management/en/