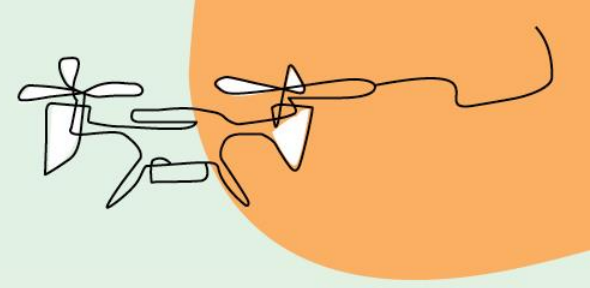


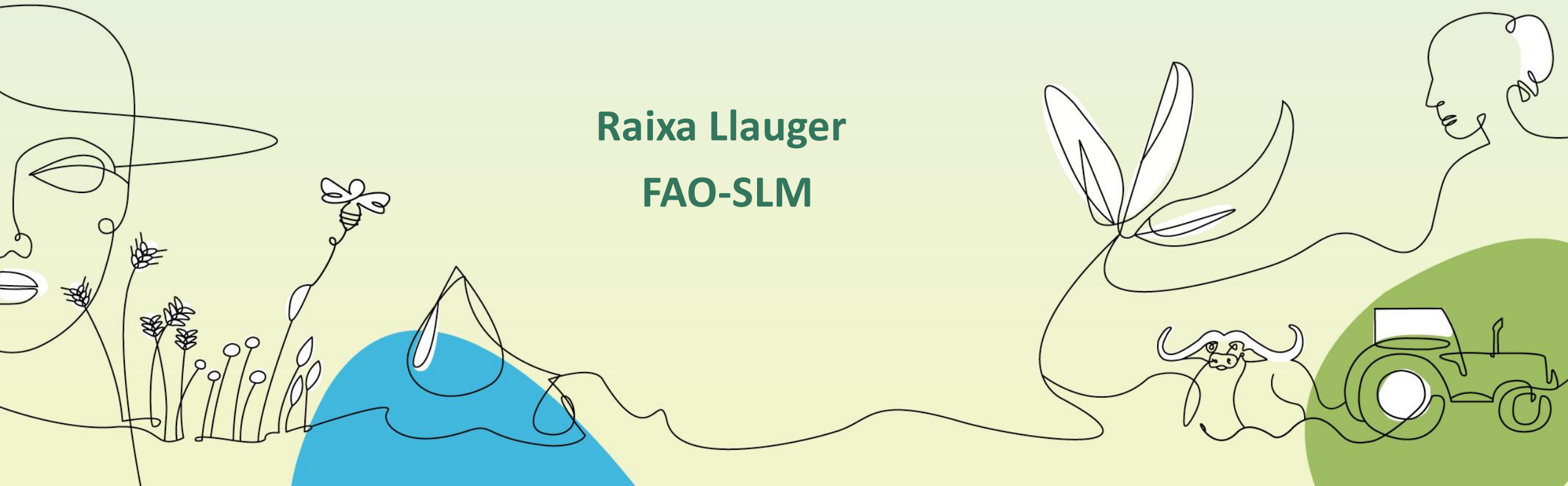
#COAG 29

Committee on **Agriculture**
30 September - 4 October 2024



Rapid plant health action: global knowledge exchange to implement novel simulations for Fusarium

Raixa Llauger
FAO-SLM



Regional Strategy and action plan of LAC to Fusarium wilt of Musaceae tropical race 4 (RS-TR4)



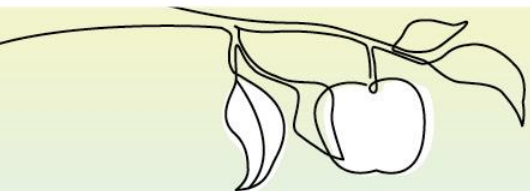
Regional strategy and action plan
for the prevention, preparedness,
response and recovery
of Latin America and the Caribbean
to Fusarium wilt of Musaceae
tropical race 4



RS-TR4 covers countries in Latin America and the Caribbean (LAC), designed for 2021-2030, in line with IPPC, ISPMs, and FAO Strategic Framework for 2022-2031. Following are the objectives of the RS-TR4:

- **To strengthen coordination and focus efforts, actions and good practices to support the understanding and reduction of risk;**
- **To strengthen regional capacities for surveillance, prevention, and management against the eventual spread of Fusarium TR4;**
- **To strengthen the management of phytosanitary emergencies in LAC;**
- **To improve resilience of the banana and agricultural sector and reducing the damages and losses related.**

Beneficiaries: Regional Plant Protection Organizations (RPPO) of LAC; the National Plant Protection Organizations (NPPO) of the countries that grow Musaceae in the region, and the Inter-American Coordinating Group for Plant Protection (GICSV by its Spanish acronym).



From theory...

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IPPC – Mandate from CPM-17 (2023) on Global Action on Fusarium TR4

The Contracting Parties **requested** the IPPC Secretariat to **coordinate the Global action on Fusarium Tropical Race 4 (TR4) at CPM-17 (2023)**.

The **Global Action on Fusarium TR4 program is to capacitate for the prevention, preparedness and response to Fusarium TR4, as well as carrying out communication campaigns with RPPOs and NPPOs:**

- Detection and diagnosis
- Surveillance for an early warning system
- Simulation exercises for emergency response
- Containment of any existing outbreaks of TR4 in affected countries
- Collaboration with FAO regional offices, RPPOs, and NPPOs for knowledge and expertise transference



From theory...

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History of hands-on simulation exercise on Fusarium TR4 in Mesoamerica.



EL SALVADOR. 2018



HONDURAS 2018



COSTA RICA. 2019



ECUADOR 2019



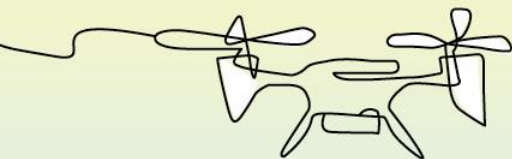
GUATEMALA 2019



BELICE 2019



NICARAGUA 2019



...to action

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Regional of hands-on simulation exercise on Fusarium TR4 in Latin American and the Caribbean. Nicaragua (2023).



11 LAC countries



...to action

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IPPC hands-on simulation exercise on Fusarium TR4. Kenya (2024)

Knowledge and expertise transference from LAC to Africa



...to action

Committee on Agriculture
30 September - 4 October 2024

Hands-on simulation exercise on Fusarium TR4. Ecuador (2024)



...to action

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**IPPC hands-on
simulation exercise on
Fusarium TR4 and expert
workshop in a CAN
country.
Bolivia (2024).**



**Next: Simulation exercise
for TR4 and expert
workshop in a COSAVE
country.
Paraguay, February, 2025**



...to the action

Committee on Agriculture
30 September - 4 October 2024

FAO and partners working on safeguarding Caribbean Bananas

Enhancing regional preparedness for banana fusarium wilt in the Caribbean (2024).

- With the support of FAO in partnership with the Caribbean Plant Health Directors Forum (CPHD), using the farmer field school (FFS) approach, technical staff, extension workers, and other stakeholders were trained to prepare for a potential Foc TR4 incursion in the Caribbean.



10 Caribbean countries



...to the action

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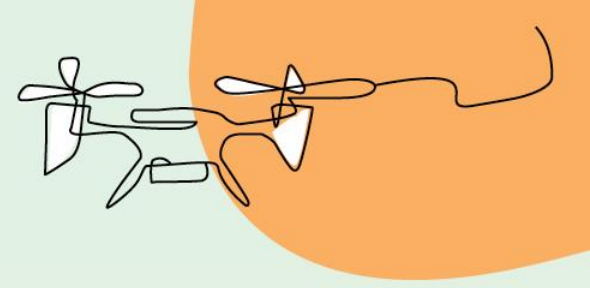
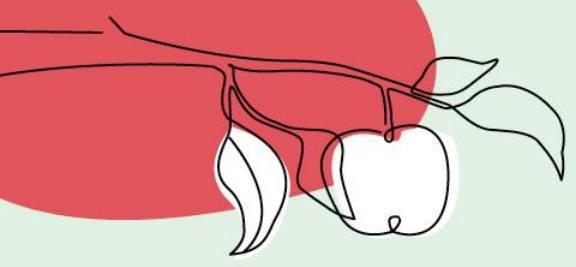


Strategic issues against TR4 - Key messages

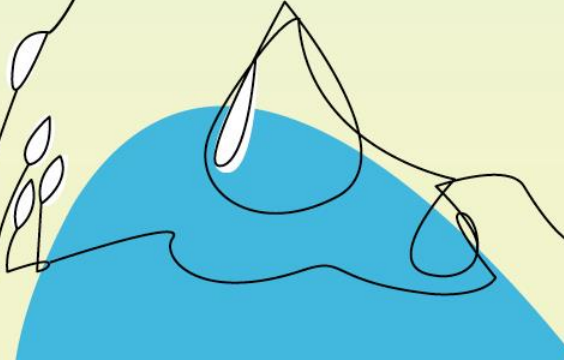
1. Biosecurity.
2. Surveillance and detection.
3. TR4 diagnostic.
4. Rapid responses.
5. Quarantine periods.
6. Access to disease-free planting material.
7. Phytosanitary Extension/Training.

**(Come clean, leave clean)
Always!!!**





Thank you



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