



Food and Agriculture
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United Nations



International
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Convention

**CPM
18**

Venezuela's experience on Fusarium TR4 outbreak response

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IMPORTANCE OF MUSACEAS IN VENEZUELA

INTRODUCTION

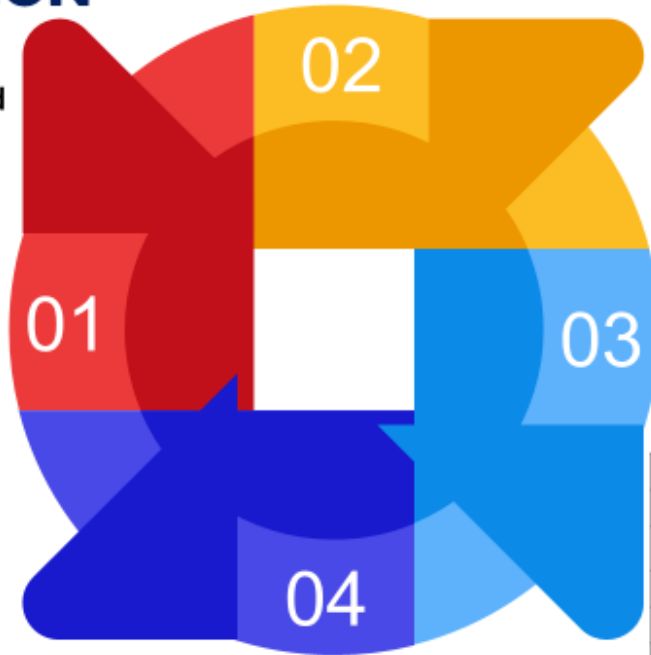
Production of Musaceae in Venezuela is supported by :

Banano o Cambur (Musa AAA) Cavendish subgrup ('Pine', 'Gigante', 'Williams', 'Valery', 'Brasilero') y Cambur Manzano.

Plátano 'Hartón Gigante' (Musa AAB)

Topocho (Musa ABB)

From small areas such as family crops to large crops dedicated to export



(Martínez et al., 2020)

Due to their geographical location, uniform temperatures and high radiation, they can be found throughout the national territory.

It has great economic importance, due to its nutritional properties.

| PRODUCTION X YEAR (T) | |
|-----------------------|-----------|
| RUBRO | 2021 |
| BANANO | 532.764 |
| PLATAIN | 673.873 |
| MUSÁCEAS | 1.206.637 |
| HARVESTED AREA (ha) | |
| BANANO | 31.352 |
| PLATAIN | 52.214 |
| MUSÁCEAS | 83.566 |





RESULTS IN ACTION FOR MITIGATION



Organisation

1 Ad hoc national scientific advisory committee
17 Regional Commissions
They formed:
Surveillance, scientific, improvement, compensation, diagnosis, biosafety, training and georeferencing subcommittee
System



LEGAL FRAMEWORK

Administrative Providence (2018)
Contingency plan (2018)
Emergency Statement (January, 2023).
Official Notification Statement (October, 2023)



MEETINGS AND TRAINING PLAN

Virtual and in-person national and international meetings convened by INSAI central and regional headquarters
165 training workshops with national and international theoretical-practical modality
4595 people trained





RESULTS IN ACTION FOR MITIGATION



SAMPLING

Finding Total
(+ 86 Y - 74)
96 Banana
64 Plantain

Mobilization
17 Plantain and Banana
r System



POST-ENTRY STATION

The Institute for Advanced Studies (IDEA) Laboratory of the Cristalina Experimental Field.
Barbarita de La Torre Biocontrol Laboratory
IMPORT (249,507)
Materials: Formosana Gal, Williams, Ruby, Lothar, Gran enano, (Colombia, France, Honduras, and Israel)



SURVEILLANCE

1619 inspections
13676,33 ha
Coverage 16,28 %





EPIDEMIOLOGICAL MAP OF POSITIVE AREAS AND NEGATIVE

Foc R4T (Abril, 2024)

SAMPLING MAP IN MUSACEAS FOR FOC R4T

| Foc R4T 2024 IN BANANO | | | |
|------------------------|--------------------|-----------------------------|--------------------|
| STATES | AFFECTED AREA (ha) | NUMBER OF SAMPLES PROCESSED | AFFECTED PRODUCERS |
| ARAGUA | 264,7 | 50 | 16 |
| CARABOBO | 40 | 30 | 1 |
| COJEDES | 12 | 6 | 1 |
| TOTAL | 316,7 | 86 | 18 |

LEYENDA

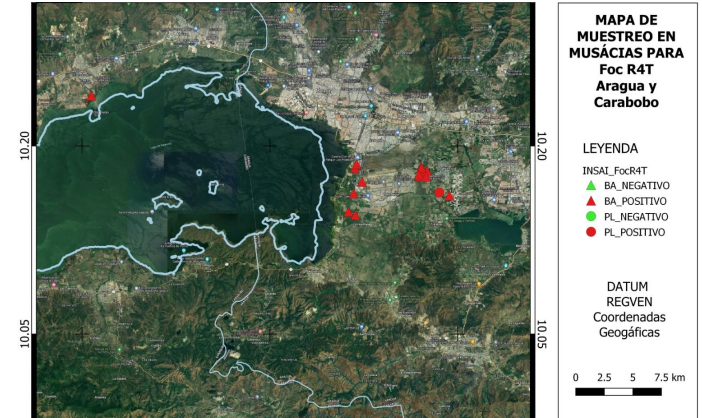
- INSAL_FocR4T
- ▲ BA_NEGATIVO
- ▲ BA_POSITIVO
- PL_NEGATIVO
- PL_POSITIVO

PLANTAIN CASE

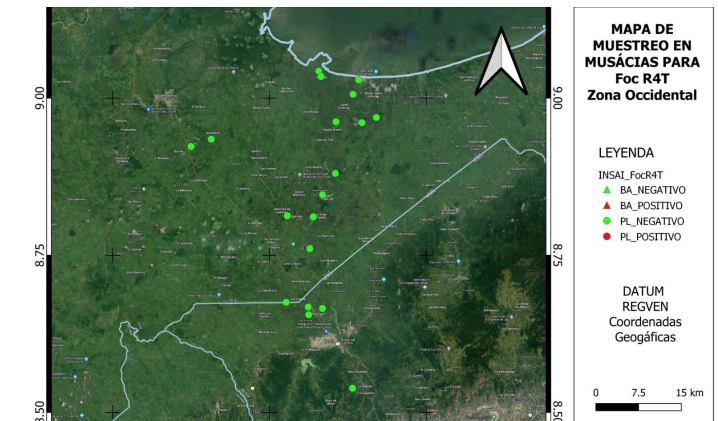
520.92 HA (MERIDA AND ZULIA; NEGATIVE)

7 HA (ARAGUA, JOSÉ ÁNGEL LAMAS MUNICIPALITY); POSITIVE)

SAMPLING MAP IN MUSÁCEAS FOR FOC R4T (ARAGUA AND CARABOBO)



SAMPLING MAP IN MUSACEAS FOR FOC R4T (WESTERN ZONE)





INTERNATIONAL COOPERATION (IMMEDIATE EMERGENCY ATTENTION)



Visit of the Head of the Implementation and Facilitation Unit and ongoing support of the IPPC Secretary

Visit of experts, training of personnel in Nicaragua, Compensation Plan and Strengthening of a laboratory, through two strengthening and emergency projects.

Visit of experts, training of staff in Mexico and Australia and Strengthening of two phytosanitary diagnostic laboratories.

Visit of experts in the Area of Pest Risk Analysis and Management for Foc R4T mitigation.

Cooperation and signing of agreement for mitigation actions

Sending an international expert in Foc R4T and Workshop in Cali

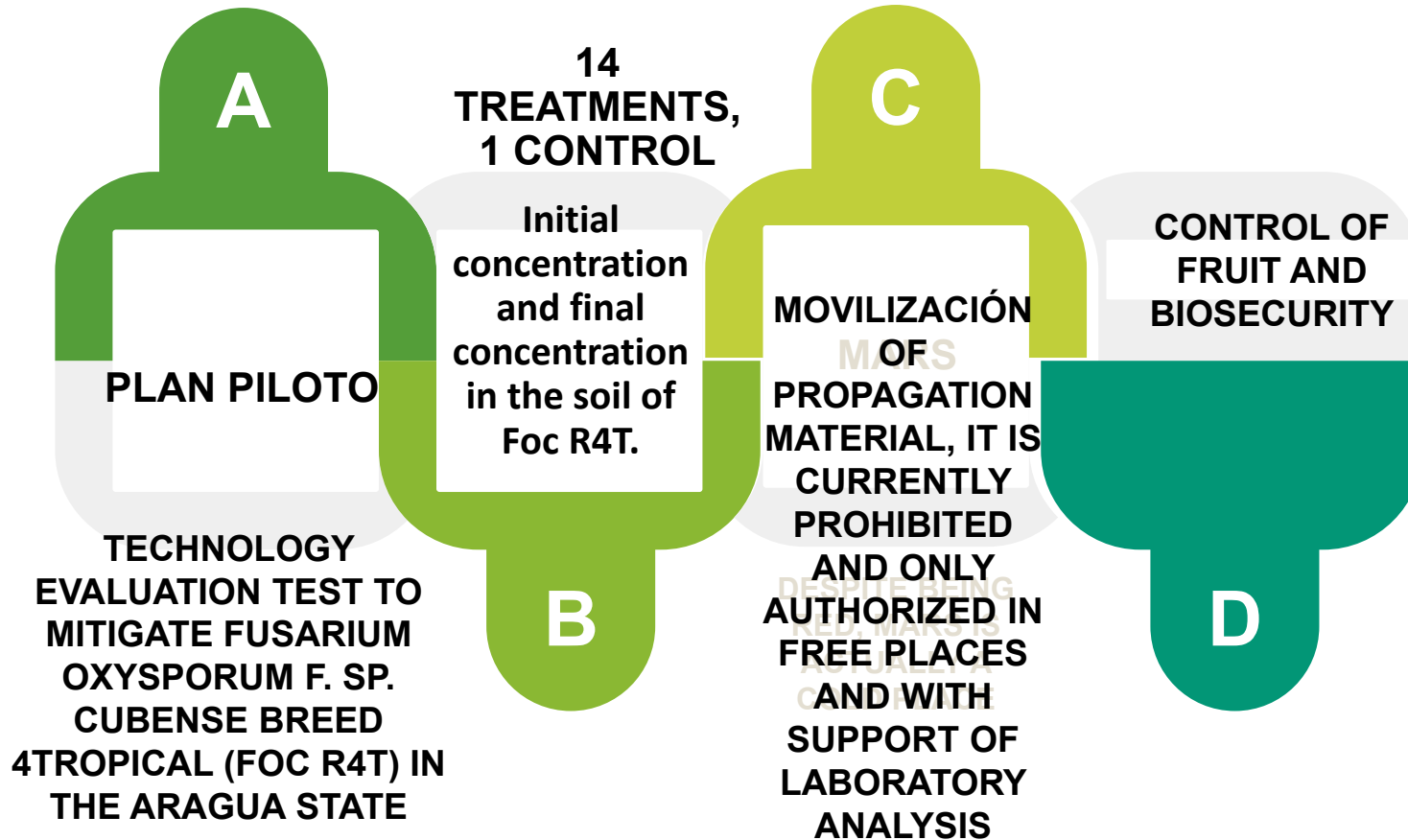
Monitoring and sampling project

Sending an international expert in Foc R4T/Offer of Help. Positive controls, exchange with experts





PERPECTIVES IN CONTAINMENT, CONTROL, DIAGNOSIS AND MANAGEMENT





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Thank you

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