



Advancing Sustainable Pest Management at Rainforest Alliance

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OUR VISION IS A WORLD WHERE PEOPLE







AND NATURE THRIVE IN HARMONY



Our global reach

TODAY

7.5+ million

farmers and workers on certified farms

5.7+ million

hectares of certified farmland

7,600

company partners

42,000+

products carry the Rainforest Alliance seal

109

active programs

62

countries with certified farms and projects

61

coalitions and platforms allied with



Among the largest farm-to-consumer standards in the world



Commodities in Scope



Rainforest Alliance certified commodities



















Non-RA certified commodities but present in our landscapes (impact programs work)













IPM and reduced pesticide strategy





Resilient and productive farms: reduced use of pesticide, higher biodiversity conservation



Farmers lack resources and information



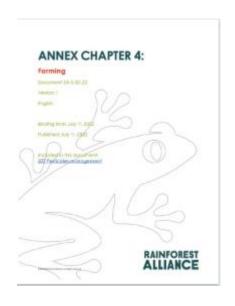
- Gather insights from farmers and learn from their experiences
- Identify local pest control needs in different regions



- Tailor solutions to farming context
- Make training more practical and relevant
- Help farmers access the right advice and tools



In the certification program



List of Prohibited Pesticides based on FAO/WHO's HHPs classification

Risk Mitigation List developed with IPM Prime (OSU IPPC) and updated based on a scientific paper with risk mitigation requirements.

List of Obsolete Pesticides

Exceptional use policy

- Based on FAO/WHO classification of Highly Hazardous Pesticides
- The list includes 160 active ingredients
- These substances cannot be used within the certified area
- May be applied **exclusively in the context of IPM**, and when the risk mitigation measures to protect people and the environment are fully implemented
- The list includes 169 active ingredients
- Pesticides that no longer formally registered, produced or that are widely banned, BUT some still accessible
- All these substances are **prohibited**, **24 active ingredients**
- Under **exceptional circumstances**, exceptions can be granted for the use of pesticides included on the Prohibited List.
- Exceptions can be granted for specific crop/pest and geographical scope (country or part of the country)



Strategic Pathways for Safer Pest Control

IPM knowledge bank

Collaboration with CABI. And our own knowledge bank on pesticide use per crop and country

Tailored IPM solutions

Some notable examples in melon in Guatemala and coffee in Nicaragua. We leverage our extensive database on producers' needs per sector and country, and combined with experts' knowledge and the Homologa® database, we can map alternatives

Training and capacity building

Several online and in person resources on IPM implementation or proper pesticide use

IPM advocacy work









Integrating Pesticide Risk Reduction Across Our Programs



- Landscape and community projects, many of them on sustainable or regenerative agriculture with focal topic IPM and reduced pesticide use
- Technical support and capacity building



STRATEGY SUPPORT

- Supply chain risk assessment for non- certified supply.
- Recommended field projects to help reduce identified risk.
- Focus topic IPM and reduced pesticide use



- Sustainable Agriculture
 Standard Farm
 requirements (Chapter 4,
 IPM, Agrochemicals
 Management)
- **Annex chapter 4** Pesticides Management

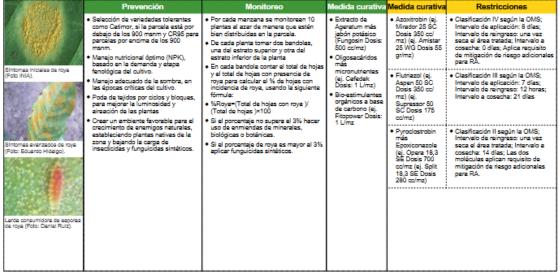


CABI Rainforest Alliance collaboration

Pest Management **Decision Guides created** with Rainforest Alliance.

CABI and the Rainforest Alliance pledge working towards more sustainable agriculture -CABI.org

Bplantwise **GUÍA DE MANEJO DE PLAGAS: LISTA VERDE Y AMARILLA** Roya del café









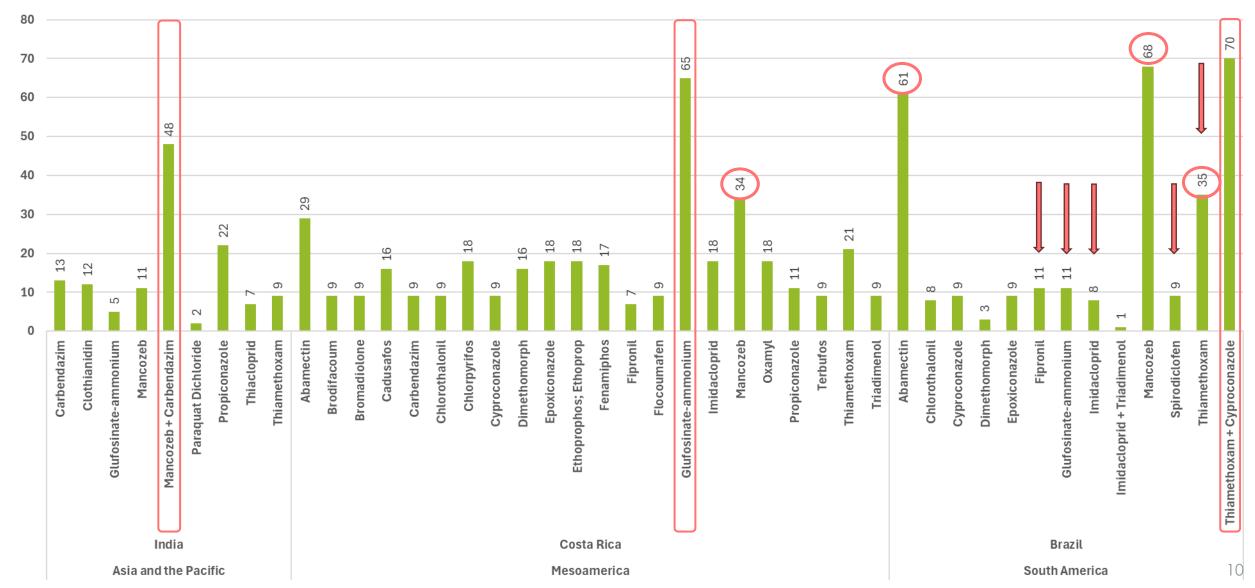


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Molecules with exception by country/region





Sector
agricultura
demanda
mayor agilidad
en el registro de
nuevas
moléculas de
agroquímicos El Observador
CR

Challenges: example from the field - Costa Rica The use of Mancozeb in banana in Costa Rica

- Mancozeb is a fungicide used to control black sigatoka in banana. As
 RA we cannot yet require 100% prohibition of this very toxic product.
- Regulatory & policy barriers in Costa Rica have led to fragmented policies on bio inputs and registration processes. This has inhibited the registration of new molecules for agrochemical uses since various year.

- The lack of access to new products puts Costa Rica in competitive disadvantage and affects exportations due new MRL and approved substances by the EU.
- Banana products are used that have been used for 50 years. New products would require lower doses and less applications, which would have a positive effect on the environment and people.





Reducing toxic pesticides through collaboration

Corbana and Rainforest Alliance implement testing plots in banana plantations to identify less toxic, economically feasible and effective herbicides.

Objective: aiming for drastically reduced use of glufosinate-ammonium

Results of field testing 5 alternative approaches:

- Most effective and persistent application: Glifosato+ Carfentrazone or Diquat.
- 2. For emergency situations: glufosinate- ammonium has the quickest and most effective results.



Conclusions:

- For "normal", recurrent applications less toxic alternatives have proven to be effective.
- The use **glufosinate-ammonium** of will only be approved for emergency requests.



Challenges we often encounter

- Strong push back from certain sectors and countries on requirement to phase out HHPs, and cases of noncompliance
- Many farmers don't have the knowledge or resources to make the shift, and
 it's often hard to get industry support to stop using harmful pesticides. What
 really drives change is tighter regulations in major importing countries—
 though this can sometimes create challenges for farmers on the ground
- Few (economic) incentives for farmers to reduce pesticide use
- Influence of the **agrochemical industry**, including provision of technical assistance and products including HHPs, can hinder adoption of alternatives
- Resistance to change among stakeholders and gaps in regulatory enforcement (at producer level country)
- Insufficient funding for testing alternatives, awareness raising and for IPM training



Call to Action: Phasing Out HHPs through coordinated efforts

- Advocate within the EU to strengthen and enforce regulatory frameworks
- Support advocacy in production countries to enable approval of modern, less toxic molecules and biocontrol inputs.



- Provide financial support for projects that develop and scale IPM solutions through pilot plots and peer-to-peer training in production countries.
- Build the business case for IPM solutions aligned with Regenerative Agriculture.



23/9/2025

External resources

Our external landing page

Articles, advocacy and training documents

ORGANIZATIONAL UPDATES

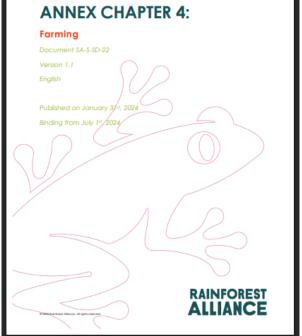
OUR INTEGRATED PEST MANAGEMENT & PESTICIDE APPROACH

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From the **certification program**





RAINFOREST ALLIANCE