



Advancing Sustainable Pest Management at Rainforest Alliance

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Lead Sustainable and Resilient Agriculture





**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

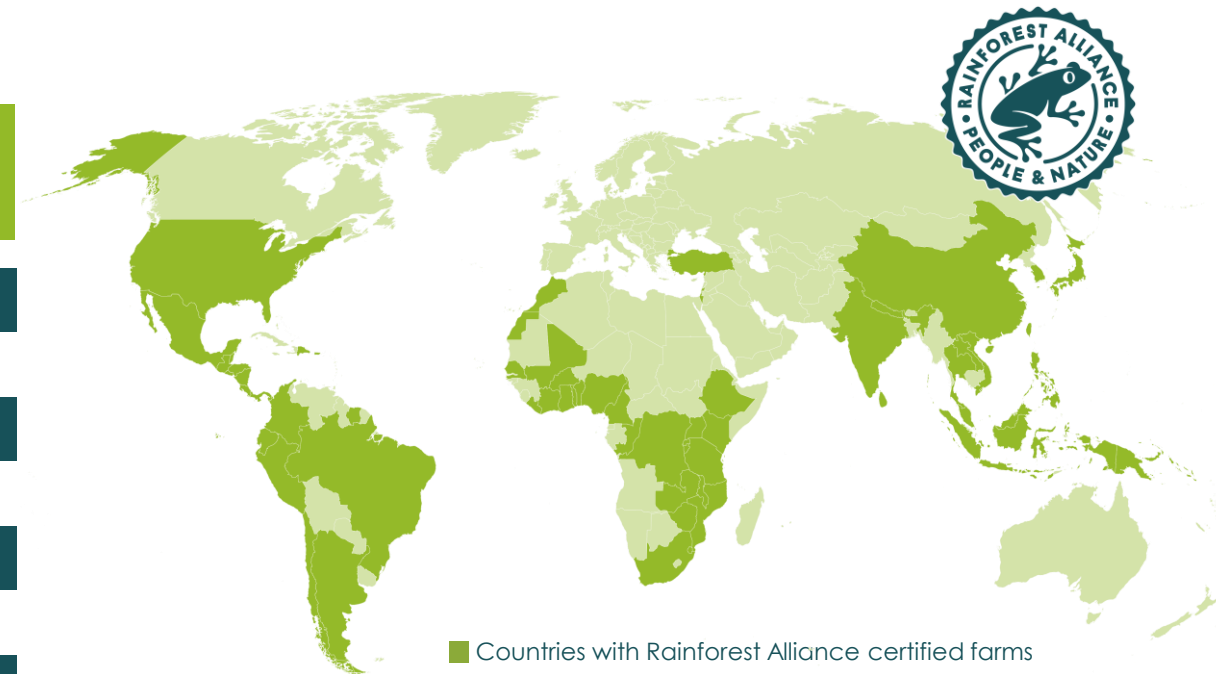
active programs

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*

Coffee



Tea



Cocoa



Bananas



Spices



Fruits & Veggies



Flowers



Coconut



Nuts



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

Palm



Soy



Timber



Rubber



Pulp & Paper



Dairy



Vision



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

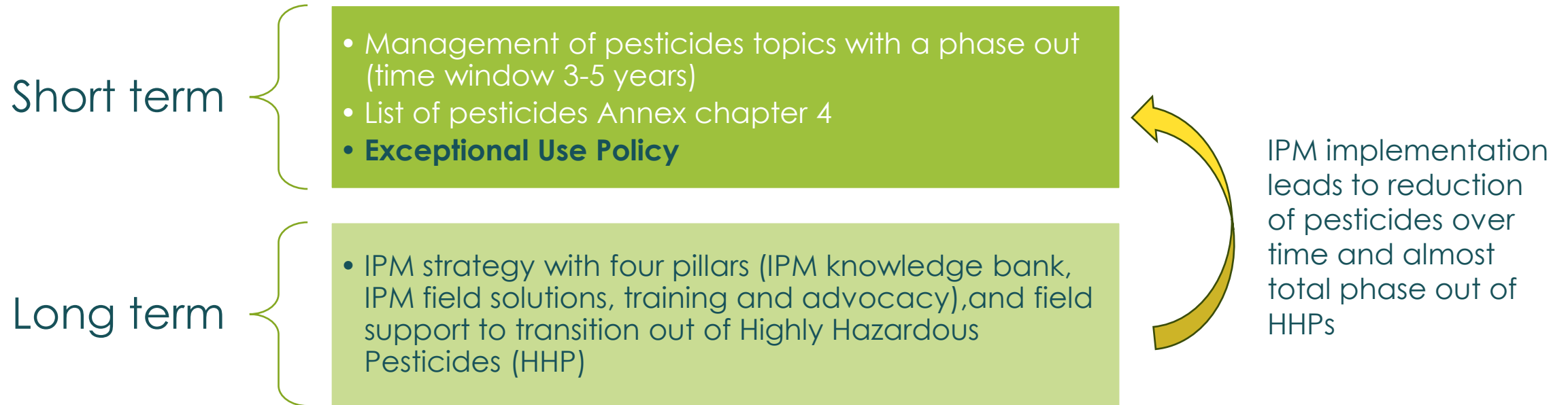


Farmers lack
resources and
information

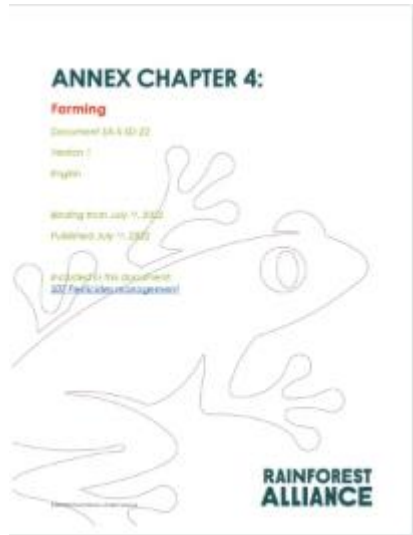
- Gather insights from farmers and learn from their experiences
- Identify local pest control needs in different regions

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

The long- and short-term approach



In the certification program



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

- Based on FAO/WHO classification of Highly Hazardous Pesticides
- The list includes **160 active ingredients**
- These substances cannot be used within the certified area

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

- 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**

List of Obsolete Pesticides

- Pesticides that no longer formally registered, produced or that are widely banned, **BUT** some still accessible
- All these substances are **prohibited**
- The list has **24 active ingredients**

Strategic Pathways for Safer Pest Control

IPM knowledge bank

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

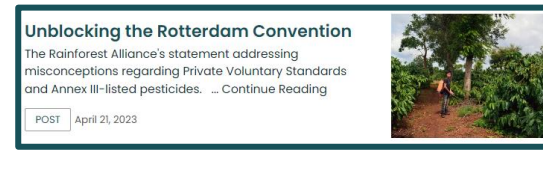
Tailored IPM solutions

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



IMPACT PROGRAMS

- Large scale landscape 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



CERTIFICATION SOLUTIONS

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



Key contributions of Rainforest Alliance to pesticide risk reduction

CERTIFICATION SOLUTIONS

IMPACT PROGRAMS

1. **Pesticide Use Requirements**

Sets strict requirements prohibiting or restricting highly hazardous pesticides (HHPs) and promoting safer alternatives—key for compliance in EU, U.S., and other high-regulation markets.

CERTIFICATION SOLUTIONS

IMPACT PROGRAMS

STRATEGY SUPPORT

2. **Integrated Pest Management (IPM)**

Promotes IPM to cut synthetic pesticide use, reduce costs, and meet rising demand for low-residue, sustainably produced goods.

CERTIFICATION SOLUTIONS

IMPACT PROGRAMS

STRATEGY SUPPORT

3. **Farmer Support and Training**

Trains smallholders in safe pesticide use and GAPs, helping them reduce risks and access premium, sustainability-driven markets.

CROSS CUTTING

4. **Policy Advocacy**

Supports sustainable farming policies at all levels to foster global trade environments that favor pesticide risk reduction and sustainability.

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



External resources

Our **external landing page**
Articles, advocacy and training
documents

ORGANIZATIONAL UPDATES

OUR INTEGRATED PEST MANAGEMENT & PESTICIDE APPROACH

Filed Under: [Certification](#) | Tagged: [Pesticides](#), [Regenerative agriculture](#)
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From the **certification program**

SECTION 4.5 INTEGRATED PEST MANAGEMENT (IPM) GENERAL GUIDANCE DOCUMENT CROP SPECIFIC GUIDANCE DOCUMENTS

Version 1
Draft 1.0

Date: June 2020

Guidance
document

<https://www.rainforest-alliance.org/business/wp-content/uploads/2020/12/guidance-h-integrated-pest-management.pdf>

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ANNEX CHAPTER 4:

Farming

Document SA-S-SD-22

Version 1.1

English

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