2014

Waterborne No Till Farming

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Education and Biosecurity as Solutions to Waterborne Coffee Rust in Guatemala

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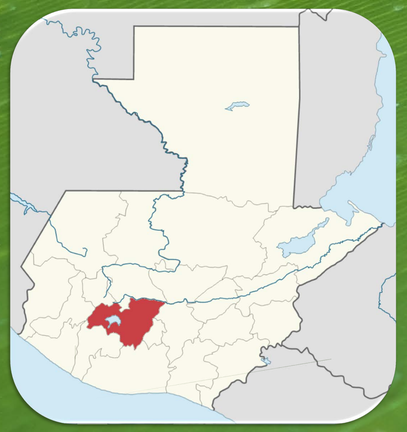
The Problem

Guatemala receives an excessive amount of rainfall each year and is one of the world's largest coffee suppliers. These two factors have produced the problem of *hemileia vastatrix*, commonly known as Coffee Rust.



Location in Guatemala

Stakeholder: Guatemalan families

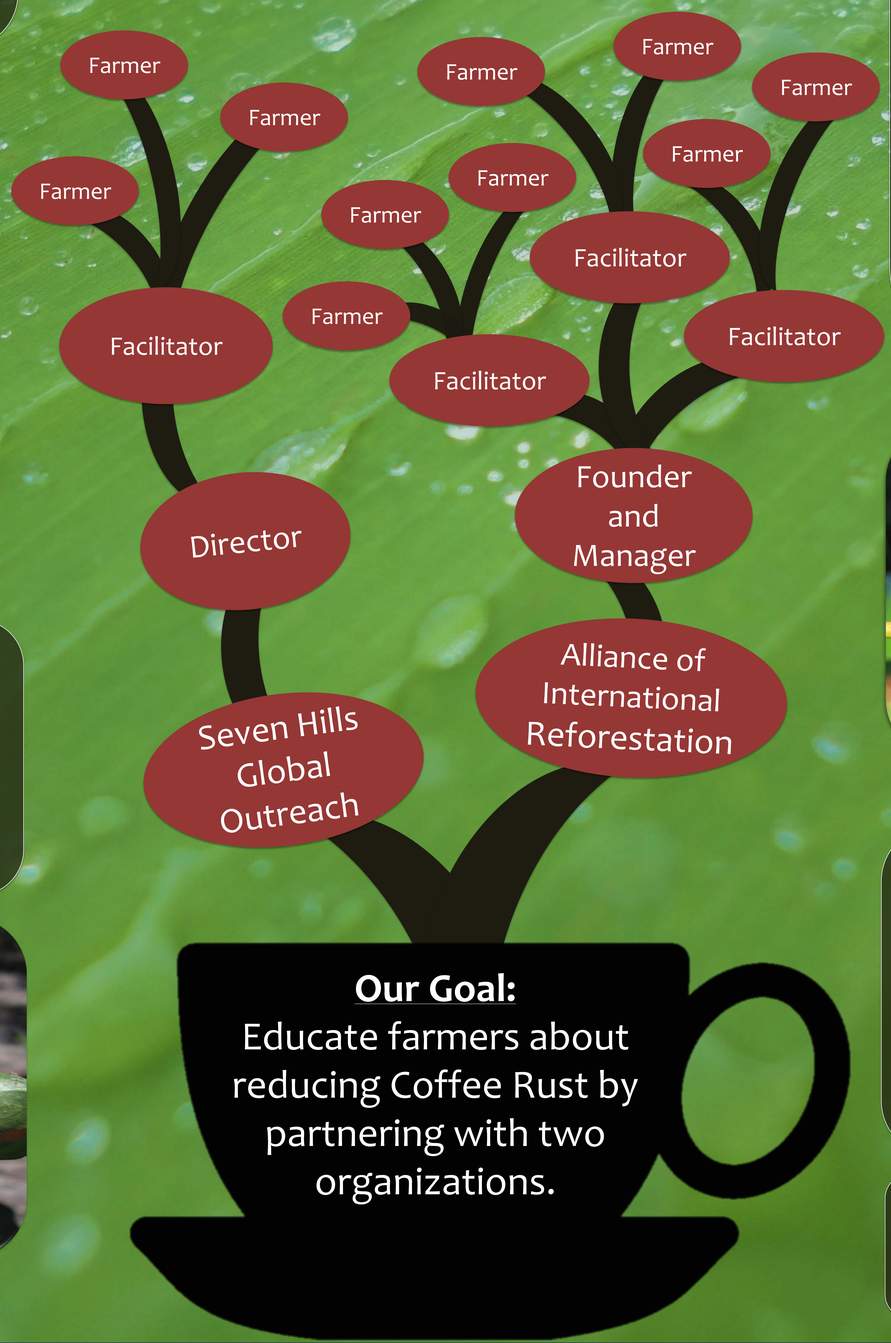
What are the effects of Coffee Rust?

-Defoliates plants
-Decreases annual yield
-Financially affects multiple farmers
-Minimizes exports and revenue

Infected coffee leaf

Our Impact

Upon request, created an informational brochure about Coffee Rust to incorporate into a preexisting educational plan for farmers, helping them to be more successful.



Our Path: Research Plan

1. Evaluated the problem
2. Researched the issue
3. Chose the most important aspect of the problem
4. Conducted interviews and attended a Coffee Conference
5. Created a brochure to send to Guatemalan farmers

Healthy coffee plant

Solutions and Recommendations

-Distribute the brochure
-Confirm that distributors speak the native language of the area
-Check in periodically
-Improve this method in the future if needed

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