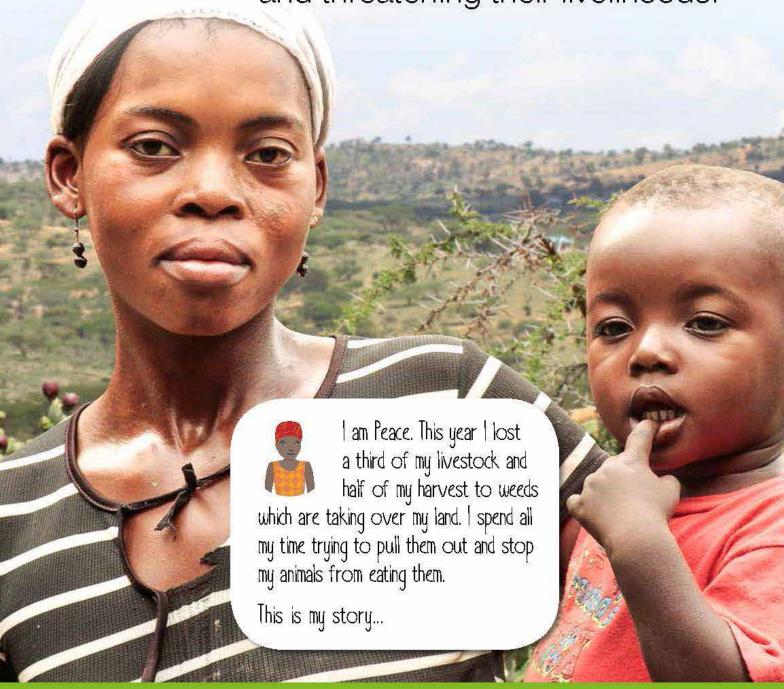




# THE ESTIMATED DAMAGE FROM INVASIVE NON-NATIVE SPECIES WORLDWIDE IS MORE THAN \$1.4 TRILLION

(Pimentel et al, 2001)

Around the world, millions of people living in rural communities face similar problems with weeds, insects, plant diseases and animals, which are **out of control** and threatening their livelihoods.





# rural communities **around the world** are affected by invasive plants, insects, and animals



## Maize Lethal Necrosis Disease

#### Africa and Asia

Maize Lethal Necrosis Disease is caused by a co-infection of maize by Maize Chlorotic Mottle Virus and Sugarcane Mosaic Virus. Farmers in Kenya have reported extensive or complete crop loss. Since maize is a staple food crop in countries like Kenya, the disease is having a severe effect on food security in the area.



# Golden Apple Snail

#### Asia

This snail is a freshwater snail native to parts of Argentina and Uruguay. Since being introduced to Asia in around 1980 as a food resource, it has spread rapidly through water bodies such as canals and rivers, especially during floods. It feeds on aquatic plants and has been shown to destroy vital crops such as rice in South-East Asia.



# Coffee Berry Borer

#### Global

This beetle is the world's most serious coffee pest. It is thought to have spread through coffee seed sold around the world and very few coffee-producing countries are now free of the borer. Coffee Berry Borer has been known to attack every single berry in a heavy infestation.



## Giant Sensitive Plant

#### Africa, Asia and Australia

This is a small prickly shrub that infests wetlands, flood plains and rice fields. It transforms landscapes into dense thorny thickets and affects native biodiversity. It is regarded as one of the worst invasive weeds in tropical Africa, Asia and Australia.



#### Maize Lethal Necrosis Disease

We grow maize to feed our family and sell. The disease has killed most of my crops and left the rest unharvestable. The crops are inedible and the seeds cannot be used. I have very little food for my family and nothing to take to market.

Faith Oguya, Kenya



#### **Tomato Leaf Miner**

Tuta absoluta

We have lost all of our tomatoes to Tomato Leaf Miner and because of it I have had to stop growing tomatoes. There is no way to stop the insects from eating the tomato plants.

Ato Zelalem, Ethiopia



# Coffee Berry Borer

Hypothenemus hampei

Coffee Berry Borer has eaten almost all of our crops; we are not able to sell what is left because the quality of the berries is too poor. I have nothing to sell and no way to support my family.

Iketut Windia, Indonesia



# Golden Apple Snail

Pomacea canaliculata

Golden Apple Snails have infested the paddy fields and are destroying the rice crop. I have noticed that we are harvesting less crops and the pesticides we use to try and control the snails are very expensive and damaging to my health.

Đỗ Phạm Ngô, Vietnam



#### **Pest Pear**

Opuntia stricta

This used to be a very beautiful environment before Pest Pear colonised our grazing fields. This is a major problem, since it has begun claiming livestock and land and forcing us to move from our homes.

Parsito Kitongo, Kenya



# Giant Sensitive Plant

Mimosa diplotricha

The weed has taken over the wetlands and paddy fields, it's harder to grow crops and it's clogging up the water courses. None of the native plants can grow and its very expensive to try to control the weed.

U Thein Tun, Myanmar

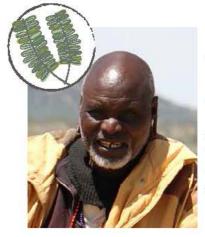


#### Larger Grain Borer

Prostephanus truncatus

The pests are destroying both my crops in the field and what I have stored after harvesting. I have not enough to sell and barely enough to take home and feed my family.

Faith Wanyama, Uganda



# Mesquite

Prosopis pallida

Prosopis is taking over our land and sucking the water from the soil. Our livestock often eat it because there is nothing else and many of them have died because of it. It is impossible to pull out because it grows so densely and is covered in thorns.

James Kimplimo, Kenya

to intercept priority species.

the threat of invasive species.

Supporting development of national frameworks for managing



Monitoring and Evaluation to improve impact of management

interventions and associated value for money.

**Invasive species are a global problem**; threatening biodiversity, causing economic losses and impacting on human health and livelihoods.

CABI has been working on invasive species for over 100 years, and we research and implement workable approaches to tackle the biggest threats.

Get involved and help us tackle invasive species globally.

Find out more about our work: **www.cabi.org/invasives**and join our campaign to stop invasive species: **www.invasive-species.org** 

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