

CIP

FIGHTING HUNGER

for a sustainable world

At the International Potato Center (CIP) ending hunger is a marriage of rigorous scientific research and an in-depth understanding of human behavior. Our team works to mine the nutrient rich properties of roots and tubers while putting demand-creation campaigns in place that account for local tastes, customs, and market opportunities.

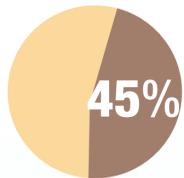


WORLD HUNGER IN STATISTICS:

2 BILLION PEOPLE suffer from "hidden hunger."
Source: CIP Corporate Strategy



870 MILLION undernourished people on the planet.



23% undernourishment in Sub-Saharan Africa.

RECOGNITION OF CONTRIBUTION TO END HUNGER



World Food Prize
Honored three scientists on the sweetpotato team: Dr. Jan Low, Dr. Robert Mwangi and Dr. Maria Andrade.



Al-Sumait Food Security Prize
Awarded to the CIP Orange-Fleshed Sweetpotato team for its role in improving food security and nutrition.

FOOD SECURITY

40% of global population's livelihoods comes from agriculture making it the single largest employer in the world.



500 MILLION SMALL FARMS worldwide, provide up to 80% of food consumed in a large part of the developing world.

75% OF CROP DIVERSITY lost from farmer's fields since the 1900s.

ENDING HUNGER: MARRIAGE BETWEEN SCIENCE AND HUMAN BEHAVIOR

CIP Root + Tuber Breakthroughs

SWEET-POTATO
breeding halved from 8 to 4 years.

DOUBLED POTATO
Production in Sub-Saharan Africa since 1994.

CIP has achieved a **34.4%** potato yield increase.

Cooperation-88: Counteracting Crop Loss to Late Blight in China

When Late Blight began decimating potato yields in China CIP teamed up with Yunnan Normal University to create a new variety, **Cooperation-88 (C-88)**, designed to be Late Blight resistant while boasting traits that helped farmers push into markets and explore new business opportunities.

164,000 HECTARES potato variety **Cooperation-88** in 4 Chinese provinces in 2015.

2.34 BILLION economic benefits of adoption of **C-88** from 1996-2015.

C-88



CHINA

BIOFORTIFIED SWEETPOTATO is the crown jewel in fighting hunger, malnutrition and developing promising value chains.



Building an African Sweetpotato Network

SPHI in 2011 is an initiative designed to improve the food security and livelihoods of poor families in Sub-Saharan Africa by exploiting the untapped potential of sweetpotato.



CIP CONTRIBUTIONS

The **CIP Genebank** helps to fuel research with an extensive inventory of advanced materials with demanded traits such as drought tolerance and disease resistance.

As of 2017 the **GENEBANK** contains:

10,500+ POTATO accessions

8,500+ SWEETPOTATO accessions

2,500+ ANDEAN ROOTS and tuber accessions

80% of the world's potato and sweetpotato cultivars.

AS OF 2015 ALMOST **2 MILLION HECTARES** planted worldwide with **potato varieties** bred or obtained through CIP.

100 countries

use CIP germplasm for breeding.

