

# THE POWER OF A SEED

CIMMYT's collection of genetic resources has been placing seed of robust, higher-yielding and more nutritious maize and wheat crops in farmers' fields for 50 years.

With more than 175,000 accessions of maize and wheat made available to researchers and national agriculture institutions around the globe, CIMMYT maintains the world's largest seed bank of these two crops.



MILLIONS OF IMPROVED MAIZE AND WHEAT SEEDS ARE SENT ANNUALLY FROM CIMMYT HUBS IN COLOMBIA, CHINA, ETHIOPIA, INDIA, KENYA, MEXICO, TURKEY AND ZIMBABWE

FOR EXAMPLE: 2015 SEED PACKETS SHIPPED FROM EL BATÁN, MEXICO

Maize  
83, 159

Wheat  
631, 449

PACKETS



Nearly  
**30**  
TONS  
WERE SHIPPED



to as many as

**80**  
COUNTRIES



EACH SEED HAS THE GENETIC POTENTIAL TO HELP FARMERS COMBAT



○ Climate  
**CHANGE**

○ Greater  
**HEAT STRESS**



○ More extreme  
**WEATHER EVENTS**



○ **MALNUTRITION** and  
**UNDERNUTRITION**



○ New  
**DISEASES**  
**AND PESTS**



○ More frequent  
**DROUGHTS**

AMONG OTHER CHALLENGES

CIMMYT will continue to harness genetic resources to ensure maize and wheat farmers are able to survive and thrive globally.