

# Purdue Improved Crop Storage (PICS) Program

**The Problem:** Insects damage stored grains,  
leading to:



- Quality loss
- Weight loss
- Excessive use of chemicals

## **The PICS Solution:**

Hermetic triple-layer bags protect grain from insect damage without using chemicals.



## **Effective for:**

Cowpea  
Maize  
Common bean  
Pigeon pea  
Sorghum  
Millet  
Chickpea  
Wheat  
Hibiscus  
Bambara  
Groundnut  
Mung bean  
Sesame  
Rice  
Soybean

## **PICS Bags:**

- Increase income
- Improve food security
- Maintain food quality
- Maintain seed quality



## Purdue Improved Crop Storage Program (PICS)



### PICS Achievements Since 2007:

- 32 countries worldwide
- 29 local companies licensed worldwide
- 56,000 villages trained
- 5 million farmers trained
- 14 million bags sold by March 2018
- Farmers make US \$27/100kg of cowpeas in PICS bags

