

# 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.





## **PICS Bags:**

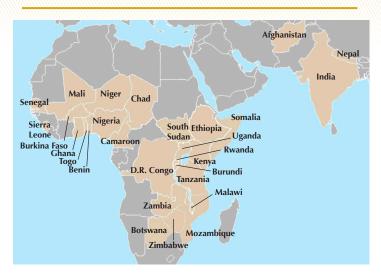
- Increase income
- Improve food security
- Maintain food quality
- Maintain seed quality





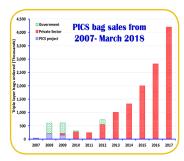


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#### **PICS Achievements Since 2007:**

- 29 countries in Africa and Asia
- 20 local companies licensed in Africa and Asia
- 56,000 villages reached by training activities





- 5 million farmers trained to use PICS bags
- 14 million bags sold by April 2018
- Farmers make US \$27/100kg of cowpeas in PICS bags







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