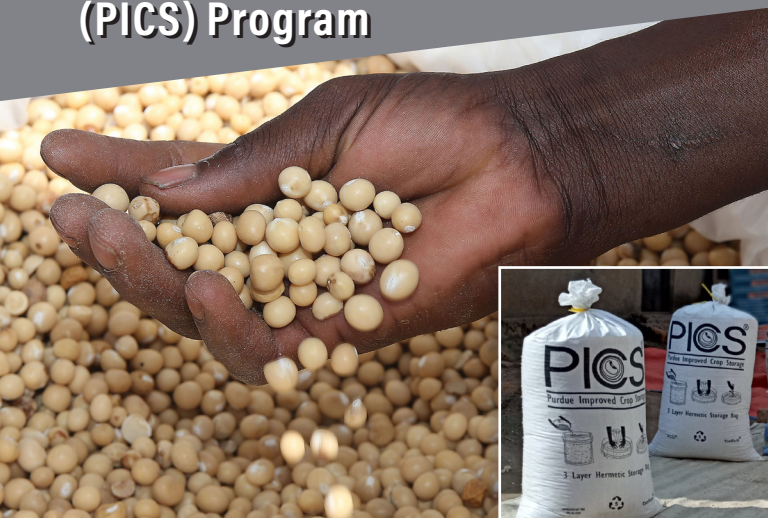


PICS

Purdue Improved Crop Storage (PICS) Program



- ▶ **The Problem:** Insects damage stored grains, leading to loss of weight, quality and excessive use of chemicals.
- ▶ **The Solution:** PICS technology: Hermetic triple-layer bags that protect grain from insect damage without using chemicals.
 - Improve food security
 - Increase income
 - Maintain seed quality
 - Mitigate aflatoxins
 - Reusable 3 times or more

▶ **Effective for:**

Animal feed	Dried ginger	Pigeon pea
Bambara nuts	Grain flours	Rice
Cacao	Groundnut	Seeds
Chickpea	Hibiscus seed	Sesame
Coffee	Kocho fermentation	Sorghum
Common bean	Maize	Soybean
Cowpea	Millett	Wheat
Dried fruit	Mung bean	



PICS

Purdue Improved Crop Storage (PICS) Program

THE AMERICAS

Columbia
Dominican Republic
Guatemala
Haiti
Mexico
Peru

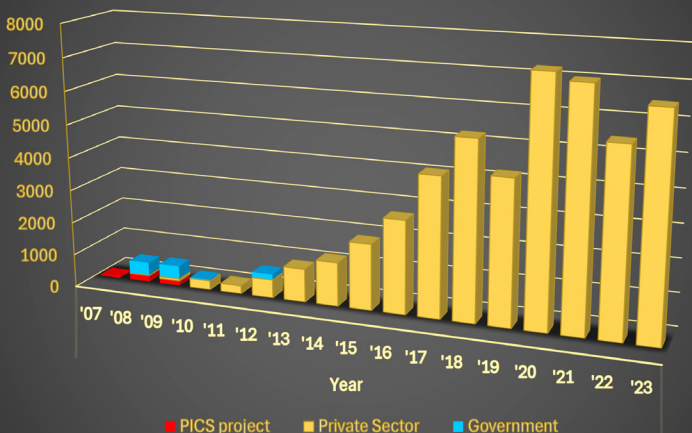
AFRICA

Angola
Benin
Botswana
Burkina Faso
Burundi
Cameroon
Central African Rep.
Chad
D.R. Congo
Ethiopia
Ghana
Ivory Coast
Kenya
Madagascar
Malawi
Mali
Mozambique
Niger
Nigeria
Rwanda
Senegal
Sierra Leone
Somalia
South Sudan
Sudan
Tanzania
Togo
Uganda
Zambia
Zimbabwe

ASIA

Afghanistan
India
Malaysia
Nepal
Pakistan

PICS BAGS SALES (Thousands)



► PICS Achievements

- 12 million farmers trained in 70,000 villages
- 22 licensed companies supplying bags in 41 countries
- 50 million bags sold by December 2023
- \$27 profit for farmers storing 100kg of cowpea in a PICS bag
- More than \$3 billion saved/made by farmers



College of Agriculture

Purdue Improved Crop Storage (PICS) Program

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