



ADM Institute for the
Prevention of Postharvest Loss
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



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Key Articles



Grant to study metal silos

Feed the Future Innovation Lab for the Reduction of Post-Harvest Loss receives USDA Associate Award to study use of metal silos in Guatemala



UN expert panel urges collective action to reduce global food losses, waste [\(Full summary below\)](#)

UN report analyzes where and how food waste occurs and recommends actions to reduce loss

News

Issues of Loss

Rice stock checks reveal missing, rotten grain *Bangkok Post*

A recent inspection of storage warehouses in Thailand has revealed that government rice stocks are in poor condition and disorganized. Issues with the stock range from missing rice and mismatching barcodes to rotten and adulterated rice in certain regions.

ZNFU calls for adequate grain storage facilities *The Post Online*

The Zambia National Farmers Union has urged the government to accelerate the construction of grain storage facilities to prevent maize from going to waste in anticipation of bad rains. Officials expressed worry that the bumper harvest in Zambia will be meaningless if more storage facilities are not added.

Projects

Farmers get training center *Ghana Web*

A one-stop center that includes a warehouse, training center, agricultural input shop, and farmer's library has been opened in the Volta Region of Ghana. The training center will allow extension staff from the Ministry of Food and Agriculture to hold meetings and teach modern trends to farmers to improve food production and curb postharvest losses.

Danish firm pitches for EAC countries *East African Business Week*

CIMBIA, a grain-processing company based in Denmark, is planning to extend its services to Burundi and Congo in collaboration with the governments of each country. The firm has seen successes in reducing postharvest losses in Rwanda through establishing two processing plants and working with the private sector to provide training.

New Juaben farmers introduced to new techniques *Vibe Ghana*

In hopes of increasing cassava and maize production, the Ministry of Food and Agriculture is implementing the West African Agricultural Productivity Program in the New Juaben municipality of Ghana. The farmers will receive training on postharvest management and fertilizer use through the project.

Granaries to get a facelift as grain output rises *China Daily*

To boost food security, China is planning to increase the size of its granaries and take steps to reduce postharvest losses at existing grain storage facilities. Newly constructed buildings will include grain drying facilities, and rice rotation mechanisms will be improved in existing sites.

Universities around the world form global partnership designed to reduce food waste *Retail Times*

Six universities across the world have formed the World Food Preservation Center, a partnership that aims to combat food loss and hunger through low-cost methods of reducing food waste. The group plans to focus on identifying key research priorities and enlisting the help of graduate students to perform research.

Ghana Statistical Service budget 20 million dollars for agricultural census *Vibe Ghana*

A census undertaken by the Ghana Statistical Service with technical support from the FAO will include surveying farmers on postharvest losses. A "Modular Approach" has been developed to improve the process of collecting survey information.

Technology

Illinois Engineers Combat Hunger and Poverty with CTI *Compatible Technology International*

Agricultural and biological engineering students from the University of Illinois at Urbana-Champaign recently completed a project for Compatible Technology International, an NGO that designs and distributes tools for food and water security, to optimize breadfruit shredders used in Haiti. The new, simplified design allows for easier cleaning and less additional parts at a low cost.

Reports

Postharvest adaptation strategies to the effects of temperature variations and farmer-miller practices on the physical quality of rice in Cameroon *American Journal of Climate Change*

A study conducted in three rice development hubs of Cameroon shows the correlation between temperature, postharvest practices, and physical grain quality. The study showed positive correlations between thermal amplitudes, grain fissures, and the proportion of broken fractions.

Food losses and waste in the context of sustainable food systems *High Level Panel of Experts on Food Security and Nutrition*

A report compiled by the United Nations High Level Panel of Experts on Food Security and Nutrition identifies causes of food loss and waste and provides potential policy solutions. Studies included in the report suggest storage is the main cause of postharvest losses for all types of food.

Missing food *All-Party Parliamentary Group*

The UK All-Party Parliament Group on Agriculture and Food for Development recently released a report focused on reducing postharvest losses and global food waste. The report includes solutions based on APPG meetings and case studies that showcase successes.

Awareness

Ispahani arm ties up with Solidaridad to bolster agro input supply *Financial Express*

A memorandum of understanding was signed between two agricultural companies to strengthen agro-input supply and increase the productivity of smallholders in southwest Bangladesh. The support of these two companies can increase the adoption of good agricultural practices to improve postharvest management and food safety.

NGO calls for agriculture credit act *The Post Online*

Nachilala Nkombo, ONE's deputy director for Africa, believes that by reestablishing the Zambian Agricultural Commodities Exchange Act, Zambia can reduce postharvest losses. By reestablishing the Act, commodity warehouses can be certified faster and a regulated receipt system can be utilized.

How can reducing postharvest losses support food security *World Food Programme*

Projects completed in Uganda and Burkina Faso show that with proper tools and donor support, postharvest losses can be reduced to boost food security. Over a three-month period, losses were reduced by 98% via improved storage technology and training on better farming practices.

Wastage of food items among factors leading to inflation *Press Trust of India*

According to Harsimrat Kaur Badal, Union Food Processing Minister of India, wastage of food products is one of the most important factors that leads to inflation. Her ministry is working to set up small processing plants in regions that produce high volumes of food.

Opinions

Rice-trade pacts: 'poisoned pills' for the Philippines? *Business Mirror*

In order to reduce postharvest losses and lessen demand on imports, Herculano Co, president of the Philippine Confederation of Grains Association, has encouraged the country to systematically modernize the rice industry. He believes that by improving the efficiency of rice mills, the recovery rate will increase and less rice will be lost during drying.

Related Articles

Governments and NGOs must focus investment in developing economies on better refrigeration in order to alleviate world hunger

India incurs Rs 2 trillion/year post harvest loss of fruits, veggies

Rs 1000 cr project recommends to World Bank for funding

700 farmers to be trained in postharvest handling

Conferences & Symposiums

- 6 - 8 August 2014 - Hiroshima, Japan
The Asian Congress on the Millennium Development Goals
- 16 - 17 August 2014 - Montreal, Canada
17th World Congress of Food Science & Technology
- 26 - 28 August 2014 - Gatineau, Ottawa, Canada
International Conference on Water, Informatics, Sustainability, and Environment
- 4 September 2014 - Exeter, England
ExIST Conference 2014
- 9 - 12 September 2014 - Nairobi, Kenya
2014 East African Packaging Conference and Exhibition
- 15 - 19 September - Rome, Italy
TOCS 2014: Apply today!

- 13 - 16 October 2014 - Mar del Plata, Argentina
1st International Conference of Grain Storage in Silo Bags
- 14 - 15 October 2014 - Bangkok, Thailand
Asia Urban Futures Workshop: Interest Survey Deadline July 30
- 14 - 17 October 2014 - Wageningen, Netherlands
Postharvest Technology Course
- 27 October - 1 November - Bangkok, Thailand
4th International Rice Congress (IRC2014)
- 19 - 21 November 2014 - Rome, Italy
ICN2: Second International Conference on Nutrition
- 3 - 6 August 2015 - Manhattan, Kansas, USA
International Food Security Symposium

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