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



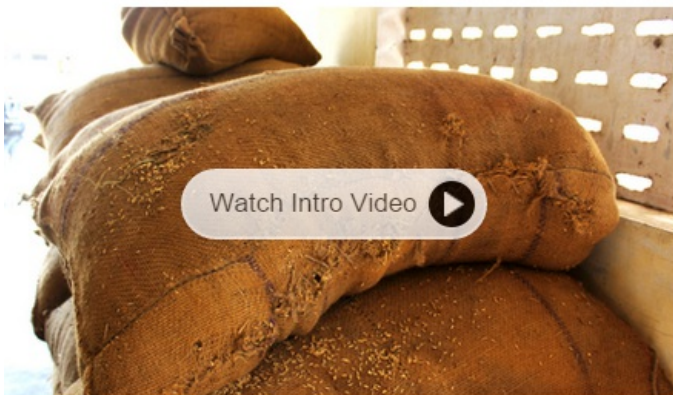
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Key Articles



FREE online course on fundamentals of PHL

On February 2 the ADM Institute will offer a 4-week course on key concepts, technologies, solutions, and actors in global postharvest loss prevention. Registration now open on [Coursera](#).



Farmers to gain from projects to combat aflatoxins

A new laboratory and manufacturing plant producing a biopesticide that prevents aflatoxin contamination will reduce postharvest losses in Kenya



Mekong Delta suffers high postharvest losses of rice

In the Mekong Delta region of Vietnam, approximately 13.7 percent of rice is lost postharvest each year due to lack of infrastructure

News

Issues of Loss

Russia Stops Shipping Grain Overseas, Union President Says *Bloomberg Businessweek*

On December 18th, grain shipments from Russia ceased because of domestic food security concerns. Russia is denying certificates needed to ship grain, thus stalling cargo ships at ports. This tactic is causing international tension between Russia and other countries such as Egypt, who has bought grain and is awaiting shipment. With stalled shipments, grain has the potential to spoil and rot if not delivered.

Institute urges for concerted efforts to reduce postharvest losses *Ethiopian News Agency*

With postharvest losses measuring between 20 and 30 percent in Ethiopia, the Ethiopian Agricultural Research Institute has called for concentrated efforts to improve efficiency and reduce postharvest losses to 10 percent. To achieve this goal, support from multiple stakeholders is imperative.

Projects

Launch of the Dutch Postharvest Network *Food & Business Knowledge Platform*

The Postharvest Network, a Dutch network of universities, companies, and economic agencies, was launched on December 4th, 2014. The network works to reduce postharvest food losses through knowledge dissemination and collaboration. The Ministries of Economic Affairs and Foreign Affairs in the Netherlands and the Wageningen University have partnered to establish the network with initial projects beginning in Mexico, Egypt, and India.

Madhya Pradesh building steel silos for foodgrain storage in 9 districts, claims Food and Civil Supplies and Consumer Protection Minister Vijay Shah *DNA India*

To improve grain storage capacity in the Madhya Pradesh state of India, steel silos are being constructed in the Bhopal, Indore, Ujjain, Dewas, Vidisha, Sehore, Harda, Hoshangabad and Satna districts. The grain storage projects will increase storage capacity in the state by 250,000 metric tons.

DAR turns over P3.7-million postharvest facility to farmers in Agusan del Norte *BusinessMirror*

The Department of Agrarian Reform (DAR) has given the Libas Farmers' Multipurpose Cooperative in the Agusan del Norte province of the Philippines full access to a postharvest facility. The 200 square meter local postharvest facility will allow farmers to reduce losses and improve efficiency and productivity.

FRA, Chinese firm ink silos deal *Times of Zambia*

The Food Reserve Agency (FRA) has partnered with a Chinese construction firm to build seven silos throughout Zambia. The project would add an additional 225,000 tons of storage capacity to Zambia. The silos would allow for safe storage of grain for 3-5 years without fear of loss or theft. In addition, the project will repair existing grain silos in the country, which would reduce postharvest losses in the current facilities to less than 1 percent.

Technology

No flies on your stored crop *The Land*

K-Obiol, a grain protectant alternative to the traditional phosphine, has the ability to prevent insect infestation of stored grain crops. K-Obiol works without the need for sealed storage, allowing farmers to store grain in non-sealed storage for longer. The benefits of K-Obiol could apply directly to farmers with limited storage capacity.

A revolution in grain storage *Stackyard*

Researchers at the Swedish University of Agricultural Sciences have discovered a strain of yeast that prevents mold infestation in stored grain. The yeast produced a large amount of ethyl acetate, which prevented the growth of mold in grain silos. With the initial promising results, field trials of the yeast have been started in Cameroon.

Reports

EU grain storage 'insufficient' *The Crop Site*

According to a report from Rabobank and Copa-Cogeca, grain storage in the European Union must be improved in order to support a growing grain harvest. With a bumper harvest for 2014, pressure has been put on grain storage to support the crop. To meet an anticipated growing grain harvest through 2024, the report calls for infrastructure investments and strategic storage planning.

Awareness

Food loss is the blindspot in our fight against hunger *The Guardian*

In developing nations 64 percent of food is lost before processing or transportation. In Sub Saharan Africa, this food loss costs an average \$4 billion per year. Although focus in the coming years will remain on preharvest advancements, technology and knowledge transfer of postharvest loss remains a crucial factor in improving food security.

Cutting postharvest losses key to food security *Vietnam Breaking News*

The Third Asia-Pacific Symposium on Postharvest Research, Education, and Extension took place in Vietnam on December 8-11, 2014. Bringing together researchers, scientists, and businesses from around the world, the symposium addressed improvements necessary across the supply chain to improve agricultural output and minimize losses. According to Rosa S. Rolle of the United Nations Food and Agricultural Organization, who spoke at the event, the Asia-Pacific region needs to double its food output by 2050.

Prevention of postharvest losses necessary for farmers *All About Poultry*

Professor Olusola Oyewole, Vice-Chancellor of the Federal University of Agriculture, Abeokuta, Nigeria, urged for the reduction of postharvest losses in developing nations at a training program organized by extension services, titled, "Prevention of Postharvest Losses". Inadequate storage, transportation networks, and improper handling methods were major causes cited at the event in a paper delivered by Oyewole.

Related Articles

- **USDA delivers on ways to prevent food waste**
- **How technology can prevent food waste [of fruits and vegetables] in developing countries**
- **This clever device keeps [produce] food fresh without a refrigerator**
- **Workshops on postharvest losses [of vegetables] held in 3 regions**
- **Cold chain saves up to 50% postharvest losses [of produce]**

Conferences & Symposiums

- 7 - 8 January 2015 - Tamil Nadu, India
International Symposium on Advances in Storage and Postharvest Processing of Foods for Better Health
- 11 - 12 January 2015 - Dubai, United Arab Emirates
International Conference on Chemical, Food and Environment Engineering (ICCFEE'15)
- 21 - 22 January 2015 - Washington, DC, USA
First Annual Food Tank Summit
- 10 February 2015 - Urbana, IL, USA
Food Systems for Food Security Symposium
- 16 - 18 March 2015 - Montpellier, France
3rd Global Science Conference: Climate Smart Agriculture 2015
- 16 April 2015 - Washington, DC, USA
Global Food Security Symposium 2015 - Advancing Global Food Security: Improving Nutrition and Health Through Food Systems
- 26 - 28 May 2015 - Livingstone, Zambia
1st African Symposium on Mycotoxicology
- 14 - 17 June 2015 - Montego Bay, Jamaica
Harvest the Future International Symposium
- 3 - 6 August 2015 - Manhattan, Kansas, USA
International Food Security Symposium
- 4 - 7 October 2015 - Rome, Italy
First International Congress on Postharvest Loss Prevention

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