

IPB Technology for Shallots Thursday, April 30, 2015

<http://news.ipb.ac.id>

Posted by admin on 30 April 2015

Nowadays, there are still many issues faced by the Indonesian nation. In order to solve the problems, Bogor Agricultural University (IPB) keeps offering innovations and research, especially in agriculture. One problem that often arises is that of the nine basic necessities, agricultural products. One of the potential problems in the communities is shallots. For this reason, IPB provides a touch of technology within the scope of institutional studies on the commodity heavily affected by inflation.

Professor of the Department of Agronomy and Horticulture, Faculty of Agriculture, IPB, Prof. Dr. Sobir explained that the main goal of this program is to apply the technology to increase the stability in production, availability, distribution and utilization of onion. "The application of this technology is intended to address various issues related to the onion in Indonesia, starting from price stability, the pressure of population growth, climate anomalies and limited land," said Prof. Sobir.

In order to increase the production of red onion or shallots, this program implements a number of technologies adapted to climate changes. For this purpose, efforts are made in the development of agricultural systems, provision of genetic resources, as well as breeding and seedling technology of shallots suited to the climate change and environmental conditions. Shallot production centers also developed in Indonesia through the empowerment of farmers and diversification of production centers for consumption and shallot seedling, added Prof. Sobir.

As a measure to cope with the price fluctuations, the program is developing a long-term storage technology of fresh red onions at low temperatures. This technological touch is intended to anticipate fluctuations in production and availability of onion as a result of the climate change. As for the effort to support food security, a model technology is designed for production and processing of shallots.

An application of the technology will be less effective if it is not supported by the existing system. Therefore, this program is carried out as a whole through the improvement of the supply chain for an equitable agricultural system. "We improve the system by developing a supply chain model of red onion to anticipate fluctuations in production as a result of climate change," said Prof. Sobir. (Mtd)