

---

# Organic Food Producing Farms Have Opportunity To Use Biofertilizer Of Domestic Production

Noyan Tapan - 9/1/2008

---

YEREVAN, JANUARY 9, NOYAN TAPAN. "Biotechnology" Scientific Research Institute CJSC operating under the jurisdiction of the RA Ministry of Trade and Economic Development has started selling nitrogen biofertilizer "Azotovit-1", which is produced in small amounts at the institute, to Armenian farms. The scientific secretary of the institute Gayane Avetisova told NT correspondent that the sale is organized through Green Line NGO, which buys this fertilizer and provides it to farms - members of the organization. These farms are mainly engaged in production of organic food.

In testing "Azotovit-1", Biotechnology cooperated with Yerevan State University (YSU) and Armenian Tree Project organization.

The technical terms of production of "Azotovit-1" were approved by the National Institute of Standards. According to G. Avetisova, Biotechnology has not yet reached agreements with foreign companies on transfer of the nitrogen biofertilizers production technology, while it is inexpedient to build a plant with the envisaged capacity in Armenia for sale in foreign markets.

Nitrogen biofertilizers can fully replace chemical nitrogen fertilizer (nitre), which is imported and widely used in Armenia. Unlike chemical one, nitrogen biofertilizer contributes to soil reproduction.

The bids for financing the programs on further development of technologies of obtaining nitrogen biofertilizers and soluble melanin conducive to growth of plants have been rejected by the International Scientific and Technical Center. G. Avetisova said that financing would allow, in particular, to develop fully the technology of producing "Azotovit-1" which would create the opportunity to expand production. Besides, financing would allow to patent abroad the technological know-how used in the production of this biofertilizer. Thanks to the use of the know-how, "Azotovit-1" is saturated not only with microorganisms representing a source of nitrogen but also with fertilizing microelements of phosphorus, calcium and potassium.

Biotechnology CJSC envisages to patent this know-how in Armenia.

The scientific research work on improvement of the technology of obtaining soluble melanin is continuing in cooperation with YSU Chair of Biotechnology and the Institute of Physiology of the RA National Academy of Sciences.

During this work, the effect of melanin both on plants and humans is being studied.

---