

HanaroFarm uses selenium for crop cultivation technology

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Selenium is an essential mineral designated by the World Health Organization (WHO) and Food and Agriculture Organization (FAO).



HanaroFarm, a member company of Born2Global Centre, recently succeeded in developing a new special crop cultivation technology. Since inception in 2013, Born2Global has been setting the standard for successful startup ecosystem as the main Korean government agency under the Ministry of Science and ICT.

HanaroFarm's new special crop cultivation technology involves ionizing selenium to remove harmful components and supplying the selenium to plants to enable it to be absorbed at a high concentration.

If this technology is commercialized, it is expected to expand the use of selenium beyond its currently limited use in the production of cosmetics, supplements, and milk powder. Selenium is an essential mineral designated by the World Health Organization (WHO) and Food and Agriculture Organization (FAO).

HanaroFarm is expected to help increase the value of selenium as a raw material for the cultivation of ordinary fruits and vegetables by using its technology to produce crops enriched with selenium and also increase exports of domestically cultivated agricultural products. The research results validating the efficacy of selenium have already been confirmed in major countries, including the United States, Germany, and China.