

2 ZERO HUNGER



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6514

Campus
Population

9 Number of
Documents Publications

UM Surabaya is committed to supporting SDG 2: Zero Hunger through initiatives focused on strengthening food security, improving nutrition awareness, and promoting sustainable food systems. As a university that prioritizes sustainability, UM Surabaya recognizes that access to nutritious and healthy food is fundamental to community well-being and the development of future generations.

UM Surabaya Students Harvest Vegetables from Hydroponic Cultivation

The pak choi vegetables appear to be growing well, while the water spinach and lettuce were just harvested last week. Several students from the Accounting Student Association, Faculty of Economics and Business, Universitas Muhammadiyah Surabaya (UM Surabaya), along with residents of RT 7 RW 3, Kendangsari Village, Tenggilis Mejoyo District, were busy preparing cups to be used as planting media for various vegetables using hydroponic techniques.

This is the scene observed when visiting the greenhouse in the Kendangsari area. These students are currently carrying out the Kampoeng Hidroponik Program.

Zainal Rusdi, the team leader, explained that the Kampoeng Hidroponik Program is part of the Village Empowerment Development Program (P3D) initiated by the Ministry of Education, Culture, Research, and Technology, and has been running for five months.

"According to the ministry, the program only runs for five months, but even after it ends, we will continue to provide assistance,"

Zainal explained when met by suara surabaya.net at the greenhouse location on Friday (October 15, 2021). Zainal explained that this community service program aims to improve food production and strengthen food security, as well as to enhance the local community's economy. "Especially during a pandemic like this," he added.

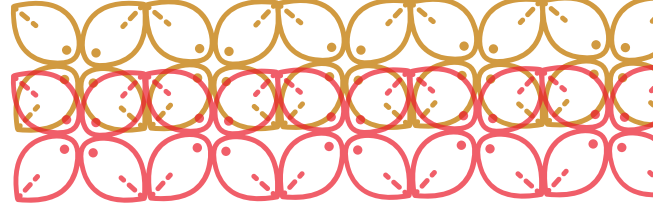
What makes this greenhouse different from others is the cultivation of catfish, placed directly beneath the pipes that hold the hydroponic planting media.

"So underneath there is a catfish pond. The water from this pond is circulated for the hydroponic irrigation system, so with one harvest, we can produce two commodities at once," Zainal explained.

He also involved local residents in developing the hydroponic techniques together. "We engaged residents who are willing and diligent, because hydroponics cannot be left unattended after planting; it must be monitored every day," said Zainal, who leads a team of 16 members.

After five months of implementation, the surrounding community can now enjoy the results. "Last week, we harvested 7 kilograms of water spinach and 10 kilograms of pak choi," he revealed. According to Zainal, some of the vegetables were distributed to residents, while the rest were sold, and the proceeds are being used to further develop the catfish farming.

Zero Hunger



UM Surabaya Students Encourage Urban Farming Through the Kampoeng Hydroponic Program

A group of students from the Accounting Student Association, Faculty of Economics and Business, Universitas Muhammadiyah Surabaya (UM Surabaya), is encouraging the community to engage in urban farming. Through a food security program during the pandemic, they initiated the creation of a hydroponic village, particularly in the Kendangsari district of Surabaya.

The Kampoeng Hidroponik Program received funding from the Village Empowerment Development Program (P3D) of the Ministry of Education, Culture, Research, and Technology. Previously, it also received funding through the Holistic Village Development and Empowerment Program (PHP2D) in 2020.

Zainal Rusdi, the team leader, stated that the hydroponic program has been running for over a year in Kendangsari. Several locations already have hydroponic systems and have harvested crops multiple times from these systems.

"Some hydroponic units have been created together with the community, and at one location we built a greenhouse with a fairly large capacity," Zainal said during a hydroponic planting activity on Friday (October 15, 2021).

According to Zainal, the community has been very enthusiastic about participating, which made it easier for him and his team to implement the Kampoeng Hidroponik program.

"During the greenhouse construction process, the community was very eager to help, so we didn't need to hire workers. For the maintenance of the hydroponic plants, we also involved PKK (Family Welfare Movement) mothers, who formed a structure to manage the program," Zainal explained.

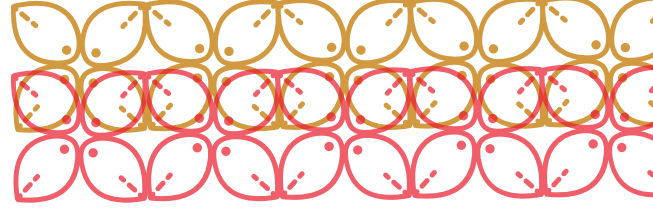
Junaidi Fery Efendi, Head of the Bureau of Student Administration, Alumni, and Innovation (BAKAI), expressed gratitude to the Ministry of Education, Culture, Research, and Technology for trusting UM Surabaya students to implement this program twice.

"Every year, our students are entrusted with community service programs. This is an important opportunity for students to contribute to society because a student's role is not only to learn academically but also to learn alongside the community," he said.

Link: [Mahasiswa UM Surabaya Ajak Bertani di Kota Melalui Kampoeng Hidroponik | Universitas Muhammadiyah Surabaya](#)



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