

Report on SDG2: Zero Hunger

Thaksin University, Thailand

2.5 National hunger

The University's Efforts in Addressing National Hunger Issues

The university's efforts to address severe national hunger issues—such as acute food shortages that cause suffering and can lead to death—reflect its commitment to food security principles (ensuring food is safe and nutritionally adequate).

2.5.1 Access to food security knowledge

Thaksin University's Research Projects Addressing Poverty and Hunger Issues in Phatthalung Province

Thaksin University has conducted research under the project *"Research and Innovation for Comprehensive and Accurate Poverty Alleviation in Phatthalung Province"* with the support of the *Area-based Development Fund Management Unit* (BPT) in collaboration with local organizations, government agencies, and social welfare networks in Phatthalung Province. The project targets the poor and vulnerable groups in the area, focusing on sustainable food security and improving nutritional standards, specifically through the production of local food sources such as *big-leaf vegetable*, *happy eggs*, and *Tharung beans*. The project uses technology to develop food products and disseminates knowledge to local innovators as follows:

1. Big-Leaf Vegetable (Pak Liang)

The *"Wisdom Agricultural Model for Fighting Poverty: Srinuakorn"* is a development project aimed at promoting local vegetables, such as big-leaf Pak Liang, through tissue culture methods. A workshop on *"Tissue Culture of Big-Leaf Pak Liang"* was held at the *Phatthalung Network Learning Center* in the *Lam Sin* Subdistrict, Srinuakorn District, Phatthalung Province, on July 14-15, 2023. The event involved training 30 community innovators and area managers at the *Plant Tissue Culture Laboratory* at Thaksin University's Phatthalung campus.



2. Happy Farm

- On September 23, 2023, Thaksin University launched the *Chai Buri Model: Happy Farm*

Eggs project at the *Chai Buri Happy Farm* in Phatthalung Province. The project brings together local government agencies, such as the *Chai Buri Subdistrict Administration Organization*, along with other stakeholders, to discuss poverty alleviation strategies and promote a community welfare fund for local residents. The project promotes job creation and social protection within the community. The farm focuses on "happy farming" practices, providing employment to vulnerable groups in the area. The proceeds from the farm go toward supporting the local welfare fund.



3. Tharung Beans

o On September 14, 2023, a *Technology Transfer Day* was held to demonstrate the development and seed production of *Tharung beans* as part of the project "*Plant-Based Food Sharing Program*" in Phatthalung. The event was hosted by the *Phatthalung Agricultural Research and Development Center* in the *Tha Chang Village of Tamoed District*. The event included a presentation by Thaksin University’s research team on Tharung beans, aimed at improving knowledge, building skills, and creating a network of farmers growing Tharung beans in Phatthalung Province.

