

# Sanian Highland Development Project Using Royal Project System



## Background

The Nan Local Network Organization became aware of the deterioration of natural resources and the environment in Nan Province's highlands, which led to a collaborative effort with the Royal Project Foundation and the PTT (Public Company Limited) to support and develop highlands conservative agriculture in order to rehabilitate and conserve soil resources degraded by highland farming, as well as for long-term benefits.

## Climate

There are 3 seasons, including rainy season (May-September), winter (October-February), and summer (March-April). The average temperature is 23-25°C or 73.4-77°F, the highest is 38°C (100.4°F), and the lowest is 10°C (50°F).

## Population

There are 14 villages, 2,520 households, and 10,228 people. The project covers the areas of Sanian Sub-district, Mueang District, Nan Province.

## Location

Sanian Sub-district, Muang District, Nan 55000

## Problems and development guidelines

To develop the area and the villagers, HRDI assists them in several ways. First, the research. The villagers should improve the soil by using research related to soil improvement. Second, the career development. Farmers should plant vegetables both inside and outside greenhouses for distribution in community markets and cultivate fruit trees that are suitable for the areas. Moreover, they should raise more livestock and promote upland rice processing and local handicrafts. Third, strengthening the community. They should develop community markets and systematic market management. For marketing, they should enhance product quality, especially considering the limited market options for agricultural products. Plus, they should focus on community cultural activities and local wisdom. Fourth, the environmental conservation. They should invest in forest restoration by organizing campaigns to reduce the use of chemicals. Furthermore, farmers should cultivate vetiver grass and make bio compost to improve soil nutrition. Last, the infrastructure. Due to inadequacies of water systems, they should develop water sources for both consumption and agriculture, or cooperate with related agencies. Additionally, they should improve their database system and encourage model farmers to pass on their knowledge to others to improve their management of the area.



## Main produces of the center

Fruit trees: rambutan and pomelo

Field crops: upland rice

Vegetables: pumpkin, Japanese cucumber, and kale

