

Title	Water Management Model for Household Agriculture during The Dry Season of Ban Sing District, Nangrong District, Buriram Province
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ABSTRACT

This research was to find out the model of household water management in the dry season. And find out the appropriate practices for managing household water in the dry season, Nangrong District, Buriram Province. The data collected from the community were as follows: Baan Nong Mud, Moo 11, Ban Sing, Nang Rong District, Buriram Province, 20 households. Participatory Action Research (PAR).

The research findings were as follows: 1) The context of the area for the management of water used for agricultural purposes at community level in Baan Sing District From the storage area found. The problem of water management for agricultural use of Ban Nong Clone community, Moo 11, has no clear water management model. There is no form of natural water source to reach people who have not benefited. To bring water to grow crops off-season. And by reducing the power and Oil power consumption. And 2) the model of community water management has introduced innovative bicycle-centric pumping system without energy. The results of community households found that 70% of the community participated in the operation (14 out of 20). There is a water management model for households using a non-powered bicycling pump system. Helps people in the community exercise. Can control the amount of water needed when spinning. Reduce household expenses by 10 percent, so using technology to help manage water reduces the use of electricity or oil. Reduce household expenses.

Keywords : Model, Water Management, The Dry Season, Agriculture