



Title:

Knowledge Transfer Project for Food and Drug Security from Comprehensive Sappan Tree production Processing and Preliminary Utilization of Forest Plants Planted in Agroforestry System (Farm Forestry) for Good Quality of Life for People in the COVID-19 Pandemic Situation and emerging diseases in the future.

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The member of HugChang Hugpa Community Enterprise whom are can be an important force in organizing meetings and participating Being a practical speaker until The project successfully completed

Abstract

Knowledge Transfer Project for Food and Drug Security from Comprehensive Sappan Tree production Processing and Preliminary Utilization of Forest Plants Planted in Agroforestry System (Farm Forestry) for Good Quality of Life for People in the COVID-19 Pandemic Situation and emerging diseases in the future. The objectives are to 1) transfer knowledge on the management of sappan wood processing into food, beverage and medicine; and laying a foundation to build knowledge and understanding of the utilization of other types of wood 2) Transfer knowledge on family forest agroforestry management. Allow farmers to manage their own land to produce raw materials for food and medicine 3) Transfer knowledge on business organization management in the form of a community enterprise to achieve efficiency in generating income for target farmers. 4) There is a model for creating forests to generate income for households. Project performance It was found that in addition to being known that Sappan Tree is a herb that nourishes the blood and nourishes the heart. Against and prevent disease as an elixir antioxidant anti-inflammatory. There are enzymes that resist the digestion of starch into sugar, resisting herpes. Currently, in medical practice, it is confirmed that Sappan can resist and treat COVID-19 disease. It also apoptosis and stops the spread of breast cancer cells in vitro. Business organizations include: HugChangHugPa Community Enterprise, Rambhai Barni Rajahat University and Doi Kham Food Products Co., Ltd. Therefore, it can be developed into products related to food, medicine, beverages, cosmetics, consumer products. and foodstuffs Sappan is a tree that grows in every region of Thailand. There is a core from the age of 2 years. Can be used when getting the size or set the age of 4-6 years. Therefore, the information has been brought to transfer knowledge with the Participatory Rural Appraisal (PRA) through workshops. There are 150 people in the target group attending the training. Collected research data by means of in-depth interviews and questionnaires. It was found that after the training, the trainees had the highest level of knowledge and understanding about Sappan tree. There are trainers planting Sappan trees in their own area at 55% higher than the project plan. 50.80% of the trainees manage their own area as agroforestry according to the project plan. The trainees become members of HugChangHugPa Community Enterprise 34.10% less than the planned project plan by 50%. Participants are skilled in making foods and medicines that contain Sappan tree, such as rice cooking, cooking such as hot and sour soup, salted eggs, cough medicine, beverage making, soap making. others are components such as chamuang, turmeric, tamarind, pepper, cloves, camphor, cinnamon, etc. Therefore, there is a model to create a forest to generate income for the household. for knowledge transfer on future occasions is the cultivation of Sappan tree in the farmer's own area for eating and utilization for food and drug benefits can be developed into other consumables with family necessities To reduce expenses, generate income before the model is developed into a full-fledged family forest agroforestry. To be a source of raw materials for the HugChangHugPa Community Enterprise in accordance with

the guidelines of save elephant, creating forests, generating income that will be able to create economic value for the country in the future.

Biography

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