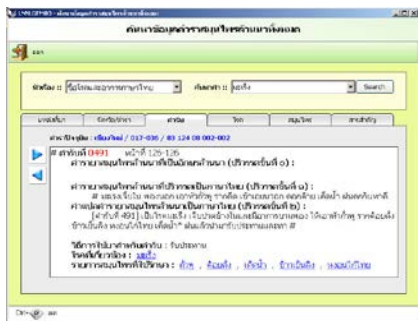


## Informations in “Manosroi III” Database

At present, this “Manosroi III” database contains about 85,000 Thai medicinal plant recipes, 4,000 diseases and symptoms, and 8,091 medicinal plants.



## The Application of “Manosroi III” Database

The “Manosroi III” database can search the targeted recipes and information for research and development using the keywords, for examples, names of the diseases, symptoms, medicinal plants, active constituents and the scientific names of the medicinal plants. This database can search by using both the Thai and Lanna keywords. For examples, the medicinal plant recipes for acne treatment use the keyword of “acne”. The medicinal plant recipes for anti-cancer use the keywords of “tumor” and “cancer” and the medicinal plant recipes for hypertension treatment use the keywords of “headache, dizziness and faint”

## Outcomes of “Manosroi III” Database

This “Manosroi III” database has been developed for over 20 years. Many research papers, patents, new compounds and products have been developed from this

database. Examples of the products which have been developed from the “ Manosroi III” database that have indicated the application of folklore wisdoms are :-

- The spray products in nano dosage form developed from the herbal balls.
- The anti-hair loss products from the anti-hair loss Thai medicinal plant recipe.
- The artificial saliva from the mucilages of a selected Thai medicinal plant.
- The anti-cancer capsules from the anti-cancer Thai medicinal plant recipes.



## Conclusion

Importantly, besides the application in various aspects of the Thai medicinal plant database “Manosroi III”, this database can also contribute to the conservation of the Thai folklore wisdoms not to be destroyed and disappeared with times. Moreover, this database can assist the success of making use of the traditional Thai medicinal plants and recipes. The new Thai generations can then concern the value and recognize the Thai folklore wisdoms as the national treasures and resources that they should realize and conserve.

# Manosē

## Thai Medicinal Plant Recipe Database

### “Manosroi III”

## Manose Health and Beauty Research Center

“An International Leader in Research and Development of Natural Products”



**Prof. Dr. Jiradej Manosroi**

**Prof. Dr. Aranya Manosroi**

179, Moo 10, Tumbol Suthep, Muang, Chiang Mai 50200

Tel/Fax : 053-270182, 053-270041

E-mail : [manose.researchcenter@gmail.com](mailto:manose.researchcenter@gmail.com),

[support@manose.co](mailto:support@manose.co)

[www.manose.co](http://www.manose.co)

## Introduction

In 1993, Prof. Dr. Jiradej Manosroi, Prof. Dr. Aranya Manosroi and their team have collected the Thai medicinal plant recipes in the Thai Lanna region of 7 provinces in the northern part of Thailand including Chiang Mai, Lampang, Lamphun, Phrae, Nan, Phayao and Chiang Rai. These recipes were recorded in Lanna alphabets in mulberry pulp paper and palm leaves that not so many people can read since the Lanna alphabets are considered as the dead language. These recipes have been used in human for many generations. In the old days, there were no *in vitro* and animal testings. So, the recipes have been directly tested in human without passing through these tests. In fact, the use in human is comparable to the clinical trial in the modern research and development of new drugs.



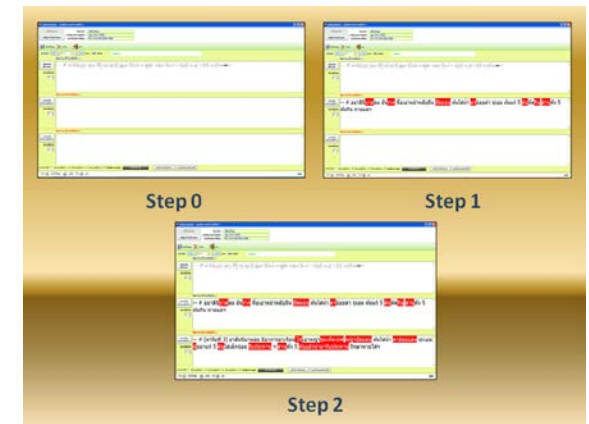
## The Establishment of “Manosroi III” Database

The Thai medicinal plant recipes have been collected from various sources, such as temples, organizations and private. At the beginning, these recipes have been interpreted and translated from the Lanna language to the understandable Thai by those who have learned this Lanna language, for examples, those who were the former monks in the Thai temples. Thus, to translate this step manually was tedious and time consuming.



Recently, Prof. Dr. Jiradej Manosroi has developed the computer software which can translate the Lanna language to the understandable Thai that can be divided into 3 steps which are step 0, step 1 and step 2. From his development, the translation and interpretation time have been very much shorten with the accuracy of more than 90%. Up till now, the collection of the Thai medicinal plant recipes has been extended to all over Thailand, not only from the Thai Lanna region. These recipes have been put into the “Manosroi III” database which has been

developed from databases “Manosroi I” and “Manosroi II”. When completed, about 200,000 recipes are expected to be put in this database.



The recipes which are collected from other parts of Thailand not from the Thai Lanna region have been translated and interpreted by only two steps of step 1 and 2. All informations of the Thai medicinal plant recipes which have been collected and selected are put in the “Manosroi III” database.

