

## **Case Study on Integrate homestead Production of Mr. Oun Thorng Khoun, Resmey Meanchey village**

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Mr. Oun Thorng Khoun lives with his wife and his daughter in Reasmey Meanchey village, Toul Pongro commune, Malai district, Banteay Meanchey province. Just three years ago, they moved from Taung village, Ream commune, Prey Nob district, Preas Sihanuk town to Reasmey Meanchey, and began to establish their own farm. He was the former of a marine officer at Ream basis, but cause of the favorite in the agriculture he decided to drop out from the marine. He bought the field boundary marker one hectare from the villager of Reasmey Meanchey in the price of 45,000 Riel and built the family home where they live today. By the whole family depended on income from only agriculture he realized that in order to feed everyone, pay for healthcare and improve the family assets, they had to improve their farming system.

In the starting of 2007 he started to dig a pond and raised some fish that the fingerling was given from the project of provincial agriculture in Banteay Meanchey. By their farm located near the canal so they could grow some vegetables to solve the problem in daily needs, although during the dry season.

In September of 2007 Srer Khmer started to work in his village and began to train farmers in crop and chicken production techniques, support some input of agriculture and soil improvement techniques such as compost making and using botanical pest management by collected farmers in Self-Help Group and in the group Khoun also a member too.

Since 2008 the standard living of Khoun's family began improve very fast, they decided to dig two more ponds for extend fish raising and growing crops. He can sell the vegetables production nearly everyday to his villager and sometime they pick up their vegetables to sell at the market in Kob village that is about nine kilometers from their village, for remaining vegetables they boil to feed their fish.

In 2008 Khoun was selected to be Commune Extension Worker by commune project. Khoun learnt many new techniques from Srer Khmer and Commune project such as: mulching, making compost fertilizers, liquid composts, chicken raising, crop crowing, and integrated farming system and how to raise fish. He has applied these techniques on his farm and trained many farmers from his village, commune and even the whole district. Khoun always give some seeds to some poor farmers such as vegetable seeds, and fingerlings.

Since he has lived in Reasmey Meanchey till now Khoun's family tried to save money and bought residence land three places and gave one place to their daughter who already married and they bought rice field one hectare more and some agriculture input a lot.

The farm included cattle, chickens, fish and a lot of vegetables such as: bananas, papayas, sponge gourd, egg-plant, tomatoes, long bean, cauliflower and other. The yield from their farm can support them in daily living easily.

So, if we compare the situation of Khoun's family since he came to live there from the first till now is very difference, he improved a lot. The progression of Mr. Khoun's family is caused by the trying of themselves and all of the farmers in Cambodia can do the same to Khoun if they are

determined to do it. Cambodian will no need to buy vegetables and fruit from other countries and we hoped that we can export our vegetables and other agriculture product to other countries and we will become developed country soon.

An overview of the annual income and expenditure of Mr. Khoun's family is presented in table below. Whilst the family earns some money from off-farm income, the majority of their income is from farming activities, particularly vegetable production.

**Table of Annual income and Expenditure for the family of Mr. Thorng Khoun, Reasmey Meanchey show in Riel currency.**

|                            | Activities                        | Gross income                   | Expenses          | Net income        |            |
|----------------------------|-----------------------------------|--------------------------------|-------------------|-------------------|------------|
| Off-farm income            | Commune Extension Worker          | 2,160,000                      | 0                 | 2,160,000         |            |
|                            | <b>Total off-farm income</b>      | <b>2,160,000</b>               | <b>0</b>          | <b>2,160,000</b>  |            |
| On-farm income             | Rice production (wet season rice) | 1,530,000                      | 856,000           | 674,000           |            |
|                            | Vegetables                        | Eggplant                       | 2,000,000         | 30,000            | 1,970,000  |
|                            |                                   | Cauliflower                    | 2,500,000         | 20,000            | 2,480,000  |
|                            |                                   | Chinese cabbage                | 645,000           | 3,000             | 642,000    |
|                            |                                   | Long-bean                      | 2,092,000         | 75,000            | 2,017,000  |
|                            |                                   | Tomatoes                       | 2,850,000         | 8,500             | 2,841,500  |
|                            |                                   | Cucumber                       | 2,360,000         | 64,000            | 2,296,000  |
|                            |                                   | Mustard green                  | 1,250,000         | 4,500             | 1,245,500  |
|                            |                                   | Expense all in crop production | 0                 | 2,550,000         | -2,550,000 |
|                            | Fish raising                      | 6,500,000                      | 1,089,000         | 5,411,000         |            |
| <b>Total On-farm</b>       | <b>21,727,000</b>                 | <b>4,700,000</b>               | <b>17,027,000</b> |                   |            |
| Household basic needs      | Healthcare                        | 0                              | 100,000           | -100,000          |            |
|                            | House Maintenance                 | 0                              | 850,000           | -850,000          |            |
|                            | Food Purchases                    | 0                              | 3,200,000         | -3,200,000        |            |
|                            | Clothing                          | 0                              | 500,000           | -500,000          |            |
|                            | Other expenditure                 | 0                              | 450,000           | -450,000          |            |
|                            | <b>Total Household</b>            | <b>0</b>                       | <b>5,100,000</b>  | <b>-5,100,000</b> |            |
| <b>Net income per year</b> |                                   | <b>14,087,000</b>              |                   |                   |            |

**Activities of Mr. Thorng Khourn's Family in the Farm:**

