



Development Action Planning (DAP)

35th International Vegetable Training Course “Vegetables: From Seed to Table and Beyond” Module 1

World Vegetable Center – ESEA/Oceania
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Mr. Pong Samnang

From: **Cambodia**

Organization: World Vegetable Center

Main Duty: Project Staff-Horticulture Specialist Sector

Contact:

Telephone: 012 226 345/ 017 222 967

E-mail: pong.samnang@worldveg.org
samnangdunant@yahoo.com

Skype: samnangdunant





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The topics in module 1 that are the most useful.

I. Seed breeding and contamination

II. Nematode

**III. Designing vegetable research:
Experimental design and data analysis for
vegetable research**





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**To promote home garden
establishment**





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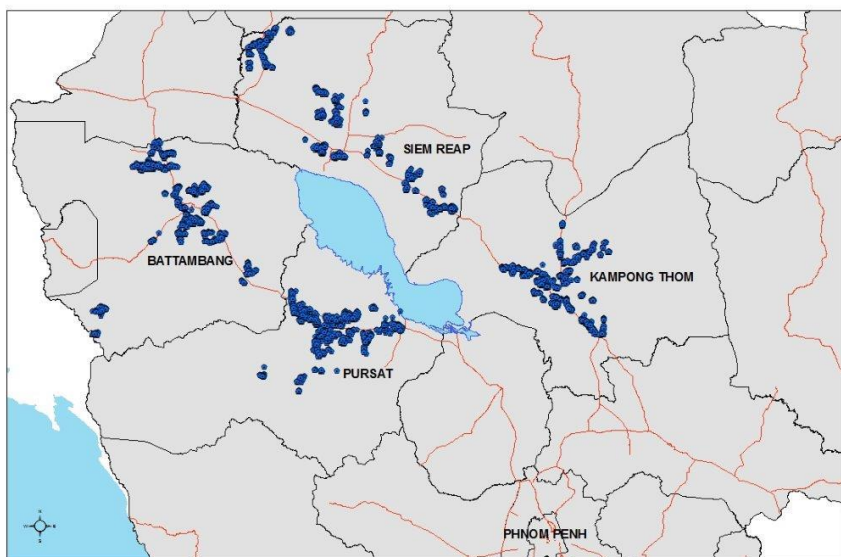


Project name:

Deploying Vegetable Seed Kits to Tackle Malnutrition in Cambodia

The project is planned for a period of 3 years from October 2015 to September 2018.

Location analysis – beneficiary selection



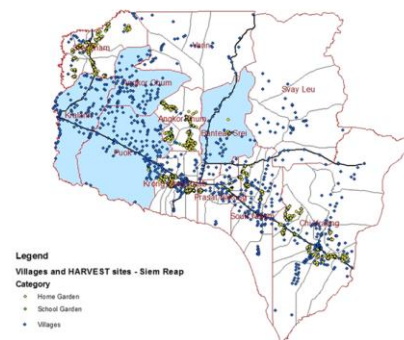
Probable:

- Puok
- Kralanh
- Angkor Chum
- Banteay Srei

Not likely:

- Varin
- Svay Leu

(high seasonal migration rates)





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- **What is Home Garden?**
- **What are the benefits to establish home garden**
- **How to promote home garden in Cambodia?**
- **What are the challenges?**
- **What are our expectation?**





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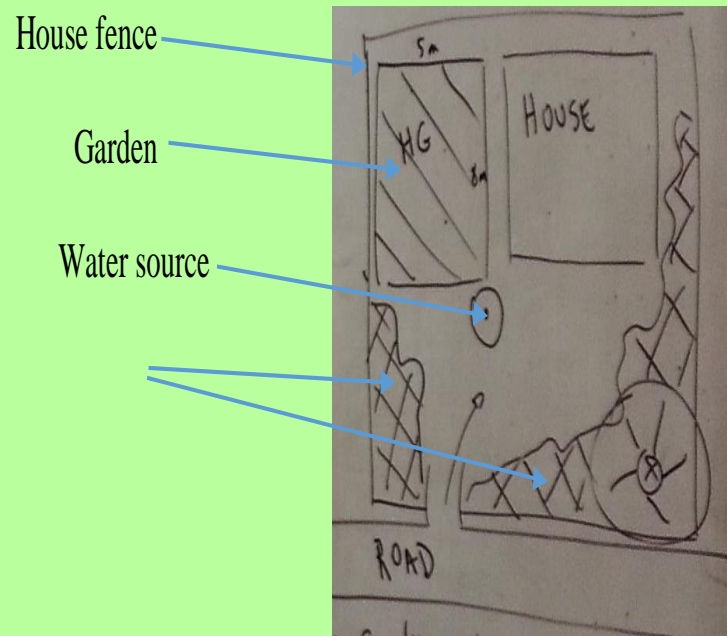
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What is Home Garden?

Home Garden can be defined as a farming system which combines different physical, social and economic functions on the area of land around the family home

Figure 1: Typical home garden in rural Cambodia





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Objective:

Why we need to establish home garden?

Home vegetable gardens can

- ✓ Improve food and nutrition security**
- ✓ Generate additional income, and provide employment**
- ✓ contributing to better health**
- ✓ and helping to empower women and disadvantaged groups in society.**





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Methodologies

1/ Client Selection Criteria

- To conduct RRA (Rapid Rural Appraisal)
- Select Target group; Vulnerable groups such as poor farmers, women, youth, and school children) in the districts selected for the project
- Village Meeting - Pre-selection - House visit – Assignment - Follow up - Final selection – Provide TA & Equipment
- After select client target – make a group (11clients/group)



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Home Garden Establishment

- A space with sufficient sunlight
- Close to year round water sources (well, pond...)
- Highland that does not get flood
- Home garden should be fenced to keep out chicken and other animals
- The size: 6m by 6m and 10m by 10m





Capacity Building for NGOs staff





FT provide TA at CBT's house






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We select 11 crops which are high nutrition.

- 
- | | |
|----------------------|-------------------|
| 1. Kang Kung | 8. Pumpkin |
| 2. Chaisum | 9. Yard Long Bean |
| 3. Amaranth | 10. Bitter Gourd |
| 4. Packchoi | 11. Chili |
| 5. Chinese Kale | |
| 6. Tomato | |
| 7. Moringa (Fencing) | |

There are 5-6 crops/season, at least.



AVRDC Deploying Vegetable Seed Kits to Tackle Malnutrition in Cambodia

I. High annual turnover crops

[illegible]



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- **Crop Calendar**
- **Data Collection**
- **Income &Expense Table**
- **Other forms, namely form evaluation (staff), client information (follow up #of TA, Training and Field day....etc.)**





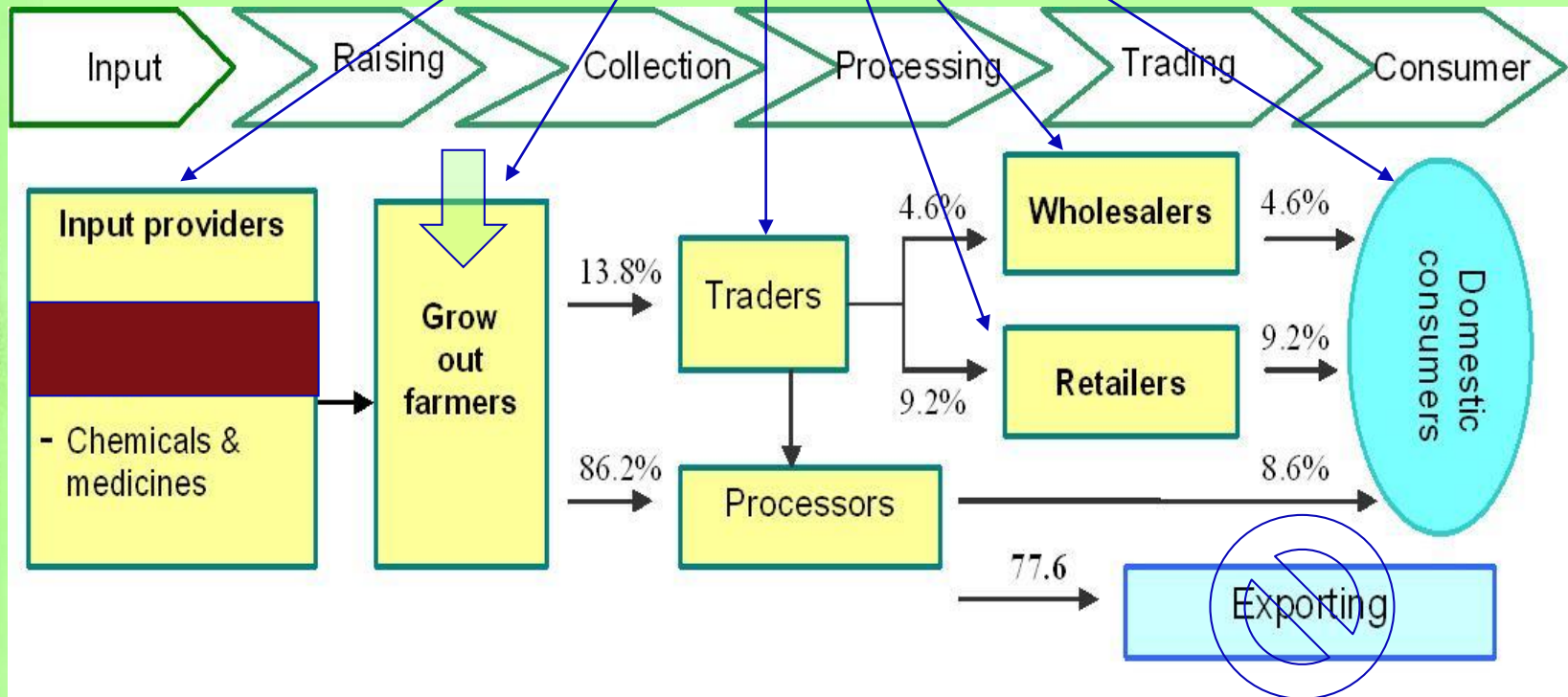
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Agriculture Value Chain

PROFIT





What are the challenges & expectations

Challenges	Expectations
<ul style="list-style-type: none">- Most of productions were sale more than edible purpose- Lack of Labors (migration and spend more time to do livelihood work beside agriculture)- Farmers don't want to take risk with planting vegetable- Don't have enough capital to invest- Lack of knowledge in vegetable culture- Unstable price- They only want to transplant few crops which crops are good price- Difficult to process to input suppliers	<ul style="list-style-type: none">- Reduce migration- Reduce malnutrition- Reduce time- Cut down vegetable importation from other countries- women's role in household decision-making around agricultural production- women's access to productive capital- women's control over income and expenditures- women's individual leadership and influence in the community

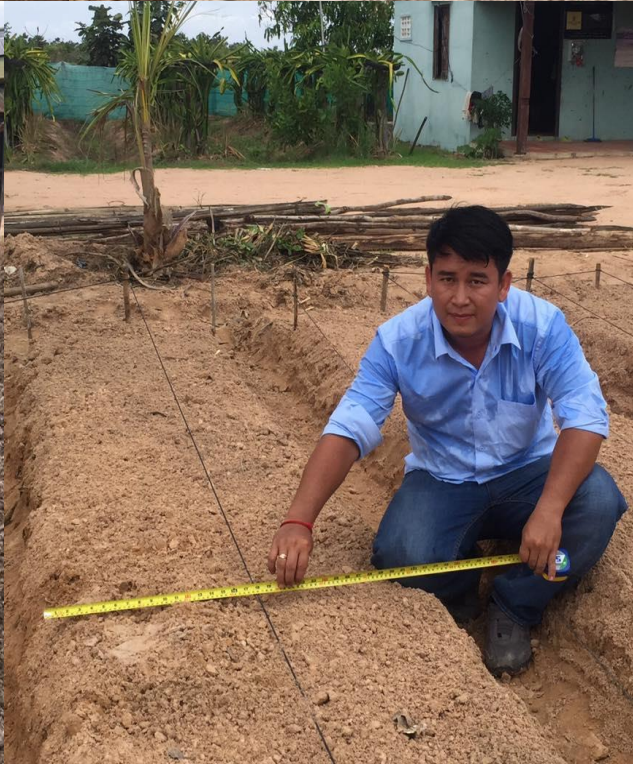




Home Gardening Activities

Home gardening establishment







Home Gardening Activities

- **Soil Substrate & Seed Germination**





Home Gardening Activities

Compost and Botanical Pesticide making







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Eat More Vegetable

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Thanks so much for your pay
attention!!!

