



Experience on Agro-Ecology Practice

Vegetable Production of Peri Urban Agriculture Cooperative in Kampong Speu



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CONTENT

- Peri-Urban Agriculture Cooperative (PUAC)
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Peri-Urban Agriculture Cooperative (PUAC)

- Established: 29/04/2009
- Location: Chamkar Doung village, Chbar Morn commune, Chbar Morn district, Kampong Speu
- Objective:
 - ❑ Produce vegetable
 - ❑ Sale vegetable
 - ❑ Improve the livelihood of small scale farmers in Peri-Urban
- Current member in 2016 :
 - ❑ 70 /30 female
 - ❑ 70 shares (value 10000 riel/share)
- Number of producers 70 farmers
- Cultivation surface: (30m²/family) 0.21 ha

■ Vegetable (Lettuce)

- ✓ Romaine
- ✓ Red Romaine
- ✓ Red Butter Head
- ✓ Butter Head
- ✓ Batavia
- ✓ Batavia Red
- ✓ Lolo Rossa
- ✓ Frissee
- ✓ Iceberg





PRODUCTS (Cont.)

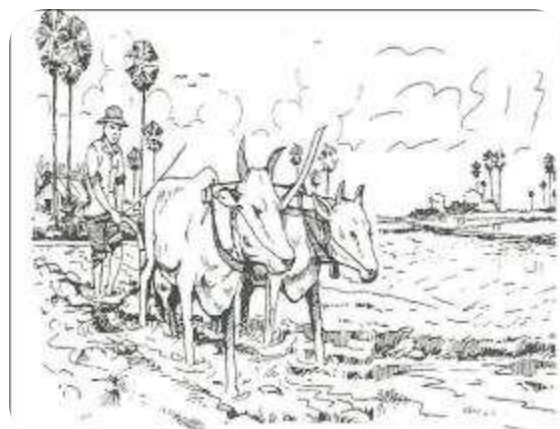
■ Vegetable

- ✓ Cheery tomato
- ✓ Tomato
- ✓ Eggplant
- ✓ Okra
- ✓ Khmer cucumber
- ✓ Japanese cucumber





Lettuce Production



1. Soil preparation



2. Line preparation



3. Fertilization



4. Manual plough



5. Nursery



6. Transplantation



Lecture Production (Cont.)



7. Watering



8. Maintenance



9. Harvesting



10. Sale preparation



- ***Solid compost:*** farmers are practically used by collecting the local existing resources:
 - ❑ Water hyacinth
 - ❑ Tree leaf
 - ❑ Waste vegetable
 - ❑ Cow manure
 - ❑ Rice husk.
- Farmers dig a hole to store this solid compost and keep for the process of humufication within a minimum of one month.



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MARKET

- **Liquid compost:** farmers are practically used by collecting the local existing resources:
 - ❑ Siam weed (*chromolaena odorata*)
 - ❑ Kitchen waste
 - ❑ Vegetable waster
 - Farmers prepare a jar to put this liquid compost mixed with cow and human urine for the process of humufication within a minimum of one month.



MARKET (Cont.)

■ Khmer Farmer Garden (Phnom Penh)



- គ្មានប្រើគីមី
- Chemical Free
- ផលិតផលធម្មជាតិស្រស់ៗ
- Fresh Local Organic Product
- បរិភោគបានស្រាប់តាមស្ថានភាព
- Eat Healthy
- ការពារបរិស្ថាន
- Protect Environment

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MARKET (Cont.)

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Vegetable Value Chain's Cooperative





FOR MORE INFORMATION

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Thanks for your kind attention and support!

