

# **Situation of Tomato in Lao PDR**

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- **Lao PDR is a land link country with the national economy is depend on agriculture**





# **P**roduction problem

- ❖ **Climate change**
- ❖ **Drought and flood**
- ❖ **Disease and pests**
- ❖ **No quality**





# **Most important crop**

- ❑ Fruit type – tomato, chili, cucumber, yardlong bean
- ❑ Leafy type – cabbage, mustards, Chinese cabbage
- ❑ Root & flower type – onion, garlic, cauliflower

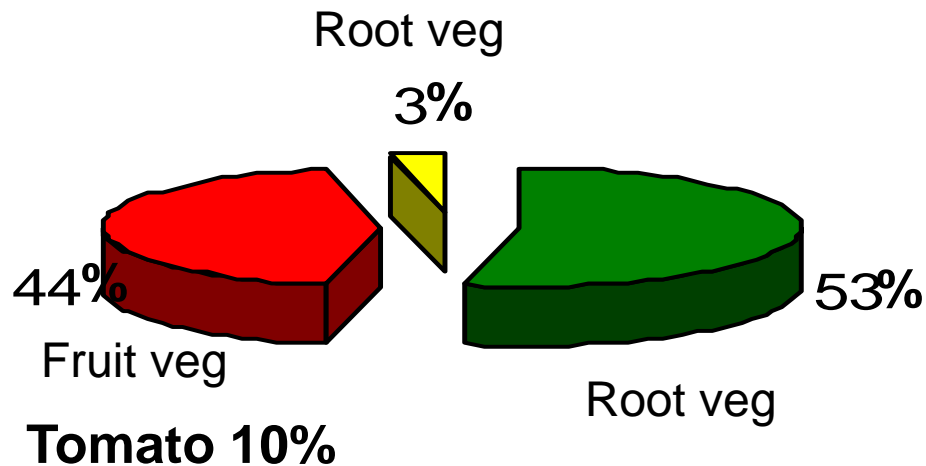




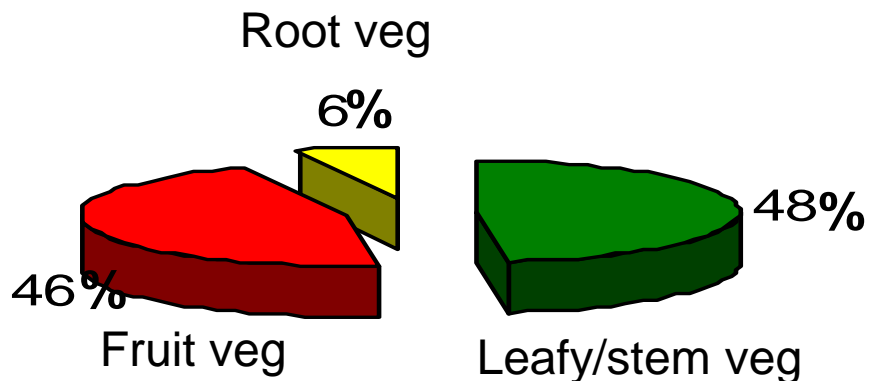
# Most important crop

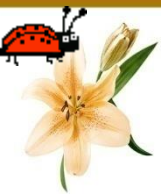
## Total vegetable production:

Area: 85,710 hectares



Volume: 744,450 tons





# Export and Import

Detail	Export	Import
Coffee	70,686,809	-
Rice	6,765,642	8,987,485
Cassava	53,470,474	-
Maize	60,242,408	-
Sugarcane	8,166,129	-
Rubber tree	96,748,576	-
Job's tears	12,312,535	-
Vegetable	13,923,481	10,127,648
Fruit	71,878,702	12,230,577
Other cash crops	22,240,798	3,685,578
Total	416,435,554	35,031,288



# **B**reeding center in Laos

- ☐ Horticulture center
- ☐ University
- ☐ Private sector





# **Research components**



## **Short term**

- **Observation and evaluate local varieties and introduce direct to farmers use**
- **Introduce varieties/fixed lines from other research center in country and abroad**



## **Long term: develop new varieties**

- **Crossing**
- **Select segregated and fixed from research center in country and abroad**





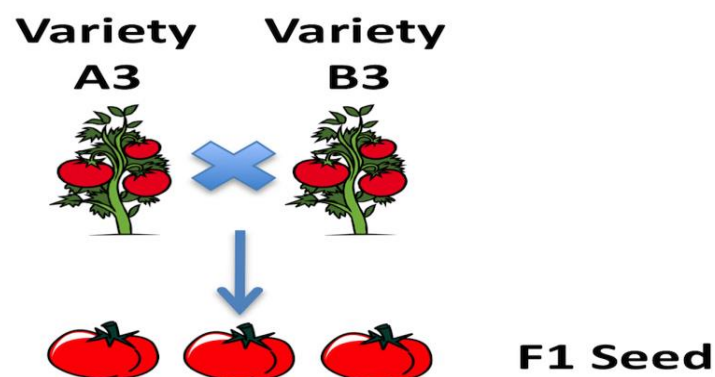
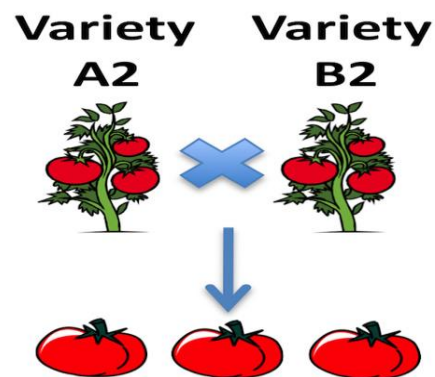
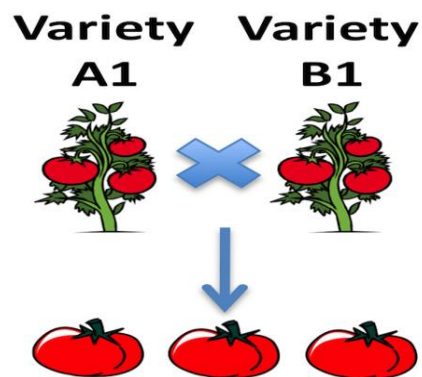
# **Objective**

- ❖ **High yielding**
- ❖ **Resistance with diseases and pests**
- ❖ **Adaption**
- ❖ **Good quality**



# Breeding activities

- **Pedigree method**
- **Crossed**
- **Evaluation of fixed lines developed by Horticulture center**





# **Achievement**

**Improved varieties were released:**

- **HDK005 (Dry season)**
- **HDK006 (Wet season)**

**Cám Ơn.**

