Situation for corn in Lao PDR

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Lao PDR is a land link country with the national economy is depend on agriculture.
1. Maize situation in Lao PDR

- Maize is one of cash crop that Laos’s government provide to farmer growth for commercial especially, in Northern part of Laos.

- In the past, Maize was growth for raising livestock after government gates turned into commercial farm, Maize is one of export agriculture production that create income to farmer who livelihood in rural area and also Northern upland.

![Pie chart showing percentage of maize and sweet corn plant area. 87% for maize, 13% for sweet corn.](chart.png)
Production of maize in Lao PDR

Maize plantation in Lao PDR

- 2010: 184,935
- 2011: 181,700
- 2012: 176,940
- 2013: 188,825
- 2014: 214,460
- 2015: 166,545

- 2010: 915,170
- 2011: 917,715
- 2012: 926,830
- 2013: 994,750
- 2014: 1,136,610
- 2015: 879,045
Production of Corn in Lao PDR

Sweet corn Plantation in Lao PDR

<table>
<thead>
<tr>
<th>Year</th>
<th>Plant area</th>
<th>Production</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>27,820</td>
<td>105,705</td>
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<tr>
<td>2011</td>
<td>30,405</td>
<td>180,275</td>
</tr>
<tr>
<td>2012</td>
<td>19,875</td>
<td>198,655</td>
</tr>
<tr>
<td>2013</td>
<td>23,205</td>
<td>219,335</td>
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<tr>
<td>2014</td>
<td>28,925</td>
<td>275,830</td>
</tr>
<tr>
<td>2015</td>
<td>24,075</td>
<td>194,675</td>
</tr>
</tbody>
</table>
**Export**

Maize is No.3 of cash crop that Laos’ export to Other country especially: Thailand, China and Vietnam
2. Maize breeding activities

- Maize for consumption (sweet corn)
  - Germ plasm collection
  - Develop OPV

- Maize for feeding
  - Germ plasm collection
  - Develop OPV
  - Develop inbreed line
Research activities

- Introduce maize
- Selection Activities
- Develop Lao’s Hybrid maize
  - Develop inbred lines
  - Select promising crosses
Research activities (continuous)

- On station and on farm testing
- Demonstration of promising crosses in the farmer field

- Maintaining of Parent material
- Seed production and distribution
- Released one variety VTE 450
Demonstration plot at Vientiane province

WS2010

1st Released Variety of hybrid maize “YTE 450”
3. Future plan

- Continues Maize breeding activities
  (High yielding and Good quality Resistance with diseases and pests and Wide adaption)

- Create DUS test system of DOA to integrate countries.

- Technical cooperation with Department of Crop Production, Vietnam to establishment the DUS Testing.
Thank You!

Cam O'n.

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