Entry of Young Generation into Farming in Thailand

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Outline of presentation

I. Overview
II. Current Situation in Thailand
III. Roles of public, private sectors and universities in fostering the young into farming
IV. Challenges: Entry of Young generation into Farming in Thailand
1. Overview

Fig. 1 Population of the world, 1950-2100, according to different projections and variants

1. Overview

Thailand: World food exporter

Table 1. The world ranking agricultural products exporter

<table>
<thead>
<tr>
<th>Commodities</th>
<th>World’s ranked</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cassava</td>
<td>No. 1</td>
</tr>
<tr>
<td>Sugar</td>
<td>No. 2</td>
</tr>
<tr>
<td>Fishery</td>
<td>No. 3</td>
</tr>
<tr>
<td>Rice and Grains</td>
<td>No. 6</td>
</tr>
</tbody>
</table>

Source: The Board of Investment of Thailand, 2013

Kitchen of the World
Fig. 1  Sectorial Value-Added (% of GDP)

Source: Suwannarat, 2014
2. Current Situation in Thailand

Agricultural Demographic of Thailand

Thai Population 64.1M

- Farmer: 63.4% (40.0M)
- Non-Farmer: 37.6% (24.1M)

Work force 38.5 M

- Agriculture: 54.8% (21.1 M)
- Non-Agriculture: 45.2% (17.4 M)

Source: Ministry of Agriculture and Cooperatives, 2012
Agricultural Demographic of Thailand: Classified by age

2. Current Situation in Thailand

Ages: 15-24 Year, 25-39 Year, 40-59 Year, >60 Year

Year:
- 1985: 4.4%
- 1990: 5.1%
- 1995: 7.7%
- 2000: 8.9%
- 2005: 11.3%
- 2010: 12.8%
- 2015: 12.1%

Age Groups:
- 15-24 Year: 34.7%, 31.4%, 26.9%, 19.6%, 15.5%, 12.2%, 12.8%
- 25-39 Year: 35.3%, 36.6%, 37.6%, 39.3%, 45.4%, 46.3%
- 40-59 Year: 25.7%, 26.9%, 35.2%, 36.3%, 31.1%, 28.7%
- >60 Year: 4.4%, 5.1%, 7.7%, 8.9%, 11.3%, 12.1%

51 years old
Table 2 The policy related to fostering the young into farming in Thailand

<table>
<thead>
<tr>
<th>Policy</th>
<th>Related strategies</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Policy (2012-2016)&lt;sup&gt;a&lt;/sup&gt;</td>
<td>Strengthening of the agricultural sector and security of food and energy</td>
</tr>
<tr>
<td>Agricultural development Policy (2012-2016)&lt;sup&gt;b&lt;/sup&gt;</td>
<td>Promoting better quality of life for farmer</td>
</tr>
</tbody>
</table>

<sup>a</sup> Office of the National Economic and Social Development Board, 2011  
<sup>b</sup> Ministry of Agriculture and Cooperatives, 2011
3. Roles of public, private sectors and universities in fostering the young into farming

- Government
  - Ministry of Agriculture and Cooperatives
  - Bank Entrepreneur NGOs

- Academic Institute
  - Vocational school University
  - Thailand Research Fund

- Private

- Research unit
  - NGOs

Bank
1. New Farmer Development Project (2009-)

By: Agricultural Land Reform Office
Joint
- Ministry of Agriculture and Cooperative
- Vocational school
- Bank for Agriculture and Agricultural Co-operatives
- The Thailand Research fund

Purpose
(1) To produce new farmers, to be equipped with theoretical and practical knowledge
(2) To develop sustainable agriculture and solve problems on lacking of knowledge of farmers
Courses for New farmer development project

- **Short courses training for farmer**
  - Existing Farmer + New Knowledge, New Skill, new Technology

- **1 year curriculum for non-farmer**
  - Non-farmer + Farm knowledge + Land-grant + Financial support

- **2,3 year curriculum for student**
  - Student + Agricultural knowledge + Land-grant + Financial support
<table>
<thead>
<tr>
<th>Short Course Training</th>
<th>Trainee</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Generation Rice Farmer</td>
<td>4,056</td>
</tr>
<tr>
<td>Fishery Cultivation</td>
<td>3,313</td>
</tr>
<tr>
<td>New Generation of Livestock Rancher</td>
<td>10,893</td>
</tr>
<tr>
<td>Plantation and New Technology</td>
<td>1,270</td>
</tr>
<tr>
<td>Household/Farm Accounting</td>
<td>7,276</td>
</tr>
<tr>
<td>Improvement of Agricultural Production and Management</td>
<td>3,850</td>
</tr>
<tr>
<td>Co-operative business</td>
<td>140</td>
</tr>
<tr>
<td>Total</td>
<td>30,798</td>
</tr>
<tr>
<td>1 year curriculum for non-farmer</td>
<td>Trainee</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>New Generation Farmer</td>
<td>4,353</td>
</tr>
<tr>
<td>2,3 year curriculum for student</td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---</td>
</tr>
<tr>
<td>No. Vocational school</td>
<td>19</td>
</tr>
<tr>
<td>No. Graduated student</td>
<td>1,909</td>
</tr>
<tr>
<td>Land-Grant (hectare)</td>
<td>347</td>
</tr>
</tbody>
</table>

Total budget $2.2 Million

http://www.alro-newfarmers.com/project-detail.html
Smart farmer Smart officer

By: Ministry of Agriculture and Cooperatives

Objectives

1. To set up online database for officer and farmer
2. To create smart officer as consultancies for smart farmer
Youth Farm Project
By: Youth Farm Development Unit, Department of Agricultural Extension

Objective: To encourage student to establish farming in their schools (primary school, secondary and high school)

http://www.farmdev.doae.go.th/4-h.html#
Social Volunteer Network

By: Office of His Majesty the King Principal Private Secretary

Objectives:
1. To broaden farming perspective for the university student
2. To encourage social volunteering
   • Training course
   • Farming experience
   • Field work in royal project

Website: www.ohm.go.th / E-mail: jitarasak@hotmail.com
Rice camp
By: Thai Rice Foundation

Annual summer camp

ObJective: To knowledge children in the old traditional way of rice farmer skill and new technology
Professional Farmers
By: The Quality Learning Founding
Promoting the learning society

Objective: To encourage children to learn the way of life of farmer
3.2 Roles of private sectors in fostering the young into farming

Kubota Smart Farmer

By: SIAM KUBOTA Corporation Co., Ltd.

Objective: To broaden farming perspective for the university student

Rice Farm learning for Children

By: Charoen Pokphand Group

Objectives: To broaden farming perspective for children
Faculty of Innovative Agricultural Management
B.Sc. (Innovative Agricultural Management)
New curriculum (open in 2013)

Objectives: To produce graduates specialize in agricultural management

http://iam.pim.ac.th/th
Social network activities
Retiree Movement

1960  1990  2020
New curriculum:
To produce new generation of agricultural entrepreneurs

<table>
<thead>
<tr>
<th>Degree</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.Sc. (Agricultural Resources and Production Management)</td>
<td>Kasetsart University (since 2012)</td>
</tr>
<tr>
<td>B.A. (Agricultural Resources Administration)</td>
<td>Chulalongkorn University (since 2012)</td>
</tr>
<tr>
<td>B.A. (Cultural Landscape Management)</td>
<td>Mahidol University (will open in 2015)</td>
</tr>
</tbody>
</table>
My Little Farm Project

By: Kasetsart University
Kantana Group, Farm Chanel

Reality farming contest

Objective: To motivate pupil to be a new generation farmer
3.4 Roles of Research sectors in fostering the young into farming

National Research Council of Thailand

Thailand Research Fund

National Science and Development Agency

Agricultural Research Development Agency
Challenges: Entry young generation into farming in Thailand

Still need:
- Promoting program
- Knowledge transfer

Need More:
- Capacity building in Cluster, Cooperatives
- Fair trade for agricultural product
Cluster model

- Cooperative Farm
- Micro Community Enterprise
- Local Admin. Org. Services

Need Shared Value
- Share Resources
- Share cost
- Increase purchasing power

Fair trade
Individual (small scale farm)

Need knowledge transfer
- Intensive agriculture
  (Maximize yield-Minimize Cost)

Individual model

Fair Trade

Government
Sufficiency economic

King Bhumibol Adulyadej

Sufficiency Economy Philosophy: Composition

- Goal
- Outcome
- Means
- Input

Sufficiency Economy Philosophy
- Economy/society/environment/culture in a balanced, stable and sustainable way
- Immunity to materialism and social/environmental/cultural changes

Lead to

The Middle Path
- Moderate
- Sufficiency
- Reasonableness
- Self-Immunity

Knowledge Condition (Prudent and appropriate knowledge)
- Integrity Condition (honesty, diligence, wisdom, sharing, perseverance)
Acknowledgements

1. Rural Development Administration
2. Food and Fertilizer Technology Center
3. Dr. Chan-Ik Chun, Director of Food and Fertilizer Technology Center
4. Kasetsart University, Thailand
5. Associate Prof. Dr. Siree Chaiser, Vice President of Kasetsart University
Thank you
ปรัชญาของเศรษฐกิจพอเพียง

ทางสายกลาง

พอประมาณ

ไม่มีเหตุผล

มีภูมิคุ้มกัน

รอดได้ต่อไป

ความรู้

รู้ปัจจัย รอบด้าน ระดมทุก

คุณธรรม

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นำไปสู่

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สมดุล/พร้อมรับต่อการเปลี่ยนแปลง