VIETNAM COUNTRY REPORT

NATIONAL CENTER FOR VETERINARY DIAGNOSIS

Dr. Nguyen Khanh Ly

4th FAO-APHCA/OIE/DLD Regional workshop on Brucellosis Diagnosis and control in Asia and the Pacific region
“Proficiency Test and Ways forward for the region”
Chiang Mai, Thailand, 19-21 March 2014
Overview of Vietnam

- Area: 332,000 km²
- Population: 88 million (70% practice farming).
- Capital: Hanoi
- Agricultural production contributed about 20.91% of national GDP (est. 2009), Industry = 40.24%, service = 38.85%.
- Livestock is major sector in agricultural production accounted for 27% agricultural GDP (2009), crops = 71.4%, service = 1.7%
Structure of Veterinary Services

DEPARTMENT OF ANIMAL HEALTH

Function Divisions:
- Personnel and Administration
- Epidemiology
- Aquatic Animal Health
- Inspection & Quarantine
- Drug & Vaccine Management
- Legislation & Inspection
- Plan (Inter. Cooperation & Science)
- Finance

Regional Animal Health Offices (7)
☆ No. I, II, III
☆ No. IV, V, VI, VII

Regional Sub Departments of Animal Quarantine and Inspection (Quangninh, Langson, Laocai)

MINISTRY OF AGRICULTURAL AND RURAL DEVELOPMENT

National Institute of Veterinary Research

Central Vietnam Veterinary Institute

Provincial Sub-Department of Animal Health

District Veterinary Station

Domestic Inspection Station

Communal Veterinary Team

Veterinary Drug and Vaccine Companies

Professional Centers
⇒ The National Center for Vet. Diagnosis
⇒ The National Center for Vet. Bio-products Inspection 1, 2
⇒ The National Center for Hygiene Inspection 1, 2

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7 Regional Animal Health Offices (RAHOs) and 3 Regional Sub Departments of Animal Quarantine and Inspection
## Livestock population in Vietnam

<table>
<thead>
<tr>
<th>Year</th>
<th>Cattle</th>
<th>Pigs</th>
<th>Goats/Sheep</th>
<th>Poultry (thousand)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>8.148.584</td>
<td>27.055.984</td>
<td>3.225.689</td>
<td>322.569</td>
</tr>
<tr>
<td>2013</td>
<td>7.316.266</td>
<td>26.261.408</td>
<td>1.345.421</td>
<td>314.755</td>
</tr>
</tbody>
</table>

(source: Department of Livestock – 2014)
### Brucellosis situation in Vietnam

<table>
<thead>
<tr>
<th>Year</th>
<th>Dairy cattle</th>
<th>Positive sample</th>
<th>Negative sample</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Total</td>
<td>%</td>
</tr>
<tr>
<td>2011</td>
<td>285</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2012</td>
<td>88</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2013</td>
<td>70</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
Cooperation programmes

- **In 2009**: Rose Bangal antigen was supported by 2\textsuperscript{nd} FAO-APHCA/OIE/DLD Regional workshop on Brucellosis Diagnosis and control in Asia and the Pacific region.
- **In 2012**: Rose Bengal antigen was supported by Veterinary Korea.
- **In 2013**: attended PT by FAO-APHCA/OIE/DLD
- **In 2014**: C-ELISA kits were supported by Japan Veterinary University.
National strategy against Brucellosis

• Strengthening of diagnostic laboratories.
• To have Brucellosis sero-surveillances on dairy cattle farm.
• Quarantin for imported cattles.
THANK YOU FOR YOUR ATTENTION!