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## seminar

### Civas First Anniversary

Bogor Agricultural University Alumni Building  
Bogor, November 25<sup>th</sup>, 2007

A half day Seminar on Animal Health was held by the Center for Indonesian Veterinary Analytical Studies (CIVAS) on November 25<sup>th</sup>, 2006 at Bogor Agricultural University Alumni Building, Pajajaran Boulevard, Bogor. The seminar with the theme "Learn from the Past: Preparing the Future National Animal Health" was conducted to celebrate the first anniversary of CIVAS in November 24<sup>th</sup>, 2006.

The first opening speech was delivered by Dr Albertus Teguh Muljono, Executive Director of CIVAS and the second speech by Dr Musny Suatmodjo, Director of Animal Health, Directorate General of Livestock Services, Department of Agriculture. Around 70 participants were attended the seminar.

Three seminar presentations were given by Dr Soehadji (Advisory Board of CIVAS), Dr Guus Koch (Central Institute for Animal Disease Control, Lelystad, Netherlands) and Dr Tri Satya Putri Naipospos (Chairman of CIVAS). Dr Soehadji talked about the history of the Indonesian eradication campaign of Foot and Mouth Disease (FMD) which had successfully brought the country into its FMD free status acknowledged internationally. Dr. Tri Satya Putri discussed the need to revise the current animal husbandry and animal health law to pave the way of the Indonesian veterinary profession into the future. Dr. Gus Koch as a guest speaker

described vaccination as an important tool in the Avian Influenza control strategies in Netherlands. The first discussion session was moderated by Dr Wiwiek Bagja (President of the Indonesian Veterinary Medical Association), the second session by Dr Tri Satya Putri (CIVAS) and the third session by Dr Denny Lukman (Bogor Agricultural University).

In his speech, Dr Albertus Teguh Muljono explained several CIVAS activities which has been carried out since its establishment. There were some activities done independently by CIVAS and also activities supported by various international agencies. CIVAS had organized two courses last year for veterinarians and other professionals, the first one was the veterinary epidemiology course and the second one was the risk analysis course. CIVAS supported activities were the duck study project funded by Food and Agriculture Organization (FAO), poultry



inventory study project in Sukabumi district funded by the Government of Netherlands through the Wageningen International, and Avian Influenza epidemiology course in Tangerang district funded by United States Department of Agriculture (USDA). The team of lecturers for the epidemiology course was chaired by Professor Mo Salman, a world leading epidemiologist from the Colorado State University, USA.

At the end of the seminar, Dr Tri Satya Putri Naipospos (Chairman of CIVAS) cut the "tumpeng" and gave it to Dr Soehadji (Advisory Board of CIVAS) to celebrate the first anniversary of CIVAS. All invited guests were sang happy birthday together and wished success for all CIVAS activities in the future. (Winda)

Health, Directorate General of Livestock Services, Department of Agriculture. One of several modules under this project is the field study of Avian Influenza vaccination in Sukabumi District. The inventory study of poultry sector is a preliminary activity of this vaccination trial.

The inventory study was carried out jointly by Center for Indonesian Veterinary Analytical Studies (CIVAS) and the District Livestock Services of Sukabumi. The objectives of the inventory study is to describe the poultry farming system, to



identify sector 1, 2, 3 farms, and the poultry population in sector 4, the poultry transfer route and the residential demography data in Sukabumi District. The field activities were done by visiting all poultry farms of sectors 1, 2, and 3 one by one in the four subdistricts mentioned above. While information on the poultry population in sector 4 was collected from each village in each subdistrict surveyed.

In every subdistrict, the study was executed by two field veterinarians from CIVAS which each of them was accompanied by a local animal health officer from District Livestock Office of Sukabumi. Each team was using a motorcycle to visit every existing farm location. Each of the CIVAS veterinarians brought a GPS unit to acquire coordinate points of the farm surveyed. Detail information about the poultry farm was collected from the farmers through questionnaire.

In order to avoid missing information on a farm location, the team was conducted field confirmation of the existing farm locations from three different information sources which are the local animal health officers, the village officers and the neighboring farmers.

The result of this study later will be used as a reference to determine areas and farms which will be used as sample farms in the field study of AI vaccination in Sukabumi District.

This study was conducted in four subdistricts in Sukabumi District, which are Subdistrict of Central Jampang, Cikembar, Cicurug, and Kebon Pedes. The result of the study showed that poultry farms in the four subdistricts in Sukabumi district cover all sectors. It is indicated that the majority of poultry farms are broiler farms (64.7%), and followed by commercial layer farms (13.7%) (see Table).

Table: Number of Poultry Farms in 4 Subdistricts in Sukabumi District

|                    | No of farms | Percent      |
|--------------------|-------------|--------------|
| PS Broiler Breeder | 12          | 7.8          |
| GPS Layer Breeder  | 1           | 0.7          |
| PS Layer Breeder   | 1           | 0.7          |
| Commercial Broiler | 99          | 64.7         |
| Commercial Layer   | 21          | 13.7         |
| Hatcheries         | 5           | 3.3          |
| Others             | 14          | 9.2          |
| <b>Total</b>       | <b>153</b>  | <b>100.0</b> |

## Research

### Inventory Study of Poultry Sector in Sukabumi District

The Indonesian and Dutch Government have agreed to conduct a collaboration project in the development and application of HPAI control in Indonesia during three years. The bilateral cooperation is technically coordinated by the Directorate of Animal



The field activity was held for 2 weeks, starting from Central Jampang which is the largest subdistrict in this study with an area of 21,658 ha consisting of 19,564 household. The density of this subdistrict is only 2 people per ha with a mean of 2.6 people per household. This study recorded that the total chicken population of sector 1, 2, and 3 in this subdistrict has reached up to 989,000 birds. While the total kampong chicken population of sector 4 in this subdistrict is estimated about 44,000 birds. The poultry density of sector 4 in Central Jampang subdistrict is 48 birds per ha or 2.3 birds per household.

In Cikembar subdistrict which is the second widest subdistrict after Central Jampang with 7,438.83 ha and a total of 20,698 household. The density is 9 people per ha with a mean of 3.2 people per household. The Cikembar subdistrict has a total chicken population of 1,551,130 birds. The density of kampong chicken of sector 4 in this subdistrict is 216 birds per ha or 2.5 birds per household.

The Cicurug subdistrict has an area of 5,746.84 ha with 24,775 household. The density is 14 people per ha with about 3.3 people per household. The total poultry population in this district counted up to 901,800 birds with the total kampong chicken population approximately 335,832 birds. The density of kampong chicken of sector 4 is 163 birds per ha.

The Kebon Pedes subdistrict is the smallest district in this study with an area of 994.91 ha. This subdistrict has 7,483 household with a density of 29 people per ha. The total poultry population in this subdistrict is 781,747 birds. The density of kampong chicken of sector 4 reaching up to 596 birds per ha.

The Cicurug subdistrict has two PS broiler breeder farms and one PS layer breeder farm. The subdistrict has also 2 commercial broiler farms of sector 1, 24 broiler farms of sector 2, and 16 broiler farms of sector 3, while all commercial layers are sector 3 farms. Beside that, there are 5 intensive broiler kampong chickens farms and 1 intensive layer kampong chicken farm.

The Cikembar subdistrict has 6 PS broiler breeding farms, one GPS layer breeding farm, as well as 28 commercial broiler farms and 9 commercial layer farms of sector 3. Besides that there is also one quail farm in Cikembar subdistrict.

In Central Jampang subdistrict, there are 3 PS broiler breeding farms, 6 commercial broiler farms of sector 2, plus 7 commercial broiler farms and 3 commercial layer farms of sector 3.

In Kebon Pedes subdistrict, there is no sector 1 farm. Most of the farms in this subdistrict are sector 3, which consists of 4 commercial broiler farms, 4 commercial layer farms, 2 hatcheries and 7 duck farms. (Albert)

## → Training

### Poultry Health Management Training in Sukabumi

The Government of Indonesia and the Government of Netherlands have made an agreement to undergo a bilateral cooperation in the development

and implementation of Avian Influenza (AI) control programs. One of the projects which have been conducted under this bilateral cooperation program was the field vaccination study in Sukabumi District. One activity related with this study was the Poultry Health Management Training Program organized by the Center for Indonesian Veterinary Analytical Studies (CIVAS).



The training program was intended to improve farmers' practices, knowledge and attitude in poultry health management and at the same time to strengthen the capacity of the Sukabumi District Livestock Services officers and CIVAS members in recommending the best practices in poultry health management and handling its problems in field.

Specific objectives of this training program are to improve knowledge about poultry health management and biosecurity of farmers, project staffs and veterinarians, to provide knowledge and better understanding on the role of sentinels and the "Differentiating Infected and Vaccinated Animals" (DIVA) strategy in the field trial, recommendations for practical and feasible on-farm biosecurity measures to prevent HPAI infections and spread of the virus, recommendations for practical and feasible personal biosecurity measures for CIVAS and livestock services officers and farmers to protect themselves from AI viruses.

The Poultry Health Management Training Program was held for four days from November 6th to 9th, 2006 at GG House Happy Valley, Gadog, West Jawa. This training was attended by 28 participants consists of farmers, livestock services officers of Sukabumi District, and CIVAS veterinarians who were engaged in the AI vaccination field study activities in Sukabumi District. (Andro)

## Workshop ←

### Workshop on Live Bird and Wet Markets in Tangerang

In the effort to support avian influenza control program, Tangerang District Livestock Services in collaboration with United States Department of Agriculture (USDA) and Center for Indonesian Veterinary Analytical Studies (CIVAS) conducted a Plenary and Workshop on Live Bird and Wet Markets in September 18th – 20th, 2006. The aim of this event is to encourage the poultry industry and the national as well as the provincial governments to adopt regulatory actions which will improve biosecurity measures and surveillance for avian Influenza throughout the live bird markets

and wet market sector.

The Plenary and Workshop on Live Bird and Wet Markets was opened both by Fred R. Kessel who represented USDA and H. Ismet Iskandar as the head of Tangerang District Government. The first day was a plenary which filled with presentations by several speakers from local and foreign countries. The local speakers consist of representatives from National Agency for Drug and Food Control (BPOM), Center for Poultry Market Information (PINSAR), Tangerang District Livestock Services, DKI Jakarta Livestock, Fisheries and Marine Affairs, and Ministry of Trade. The foreign speakers were from USDA International Animal Health Programs (Veterinary Services), Animal Quarantine and Inspection, Department of Animal Health, Ministry of Agriculture and Rural Development, Vietnam and Bureau of Animal Industry, Philippines.

In the second day, workshop participants visited local markets to identify factors related to poultry handling in the market. The markets are in Cikupa, Curug, and Karawaci. After the market visit in the morning, workshop participants conducted group discussions. The group discussions were continued on the third day. The discussion aimed to formulate a work plan for controlling the spread of avian influenza viruses in the life bird and wet markets.



The Plenary and Workshop on Live Bird and Wet Markets in Tangerang produced some recommendations towards building stakeholders commitment to encourage healthy live bird and wet market, training of veterinary public health officers for poultry meat inspection, public awareness campaign, design a prototype of small-scale bird transporting vehicle (two-wheelers), and formulating system manual for healthy live bird and wet markets. (AJ)

## ↘ Editorial Board

|                           |
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Office :  
 Jl. Ismaya II No. 2 Perumahan Indraprasta I  
 Bogor - West Java  
 Phone : +62 251 374510, 7177630  
 Fax : +62 251 374510  
 e-mail : civas@civas.net  
 civasland@yahoo.com  
 website : http://www.civas.net