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## Event

Poultry Day 2007  
Bogor, December 15<sup>th</sup>, 2007

To celebrate CIVAS's 2nd Anniversary, CIVAS as a non-government organization specialized in the animal health field initiated a series of event titled "Poultry Day 2007". This event was held on December 15, 2007, at Bogor City Hall Plaza. The theme of the event was "Poultry for the Intelligence and Welfare of our Nation". The objectives of this event was to campaign about consumption of animal protein particularly from poultry, increase the public's concern and knowledge of poultry, improve the public's understanding on veterinarians and unify the vision of veterinarians for the development of the poultry world.

This event was officially opened by Ir. Lies Tjahyawati, Head of the District Agribusiness Office of Bogor. The series of events in "Poultry Day 2007" were a scientific seminar on animal health, Nutritious Egg Campaign, Coloring and Drawing Competition, exhibition of Photos from the Photography Competition, and announcement of Photography Competition and Essay Writing Competition results.

The scientific seminar on animal health discussed the theme: Role of the Veterinary Profession in the Poultry World with speakers Sudirman, DVM from Sierad Produce and Dr. Darin Collins from the Wildlife Conservation Society.

The Nutritious Egg Campaign was more targeted to the public and was about how important the nutrition is in even just one egg. One thousand packages of hard-boiled eggs were prepared and freely distributed to the public.

The Photography Competition was opened for public participation and was started from November 1, 2007, until December 8, 2007. The theme was: "Veterinarians in Work". As much as 36 photos were submitted and only 30 photos passed selection by the jury (in accordance with the theme).

"If I was a Veterinarian" was the theme of the Essay Writing Competition. Participant of this competition was limited to veterinary medical students in Indonesia. This competition was opened on November 1, 2007, and was closed on December 5, 2007. The theme of this competition was designed to stimulate and broaden the perception of veterinary medical students on the veterinarian profession.

Participants of the Coloring Competition were Kindergarten students and participants of the

Drawing Competition were Elementary School students, which were divided into two categories; classes 1-3 for Category 1 and classes 4-6 for Category 2.

Photos from participants of the Photography Competition were exhibited in the City Hall Plaza in the form of a digital printing display.

This event was officially closed by Ir. Dody Rosadi, the Secretary of Bogor Municipality. (odhe)

## Nutritious Egg Campaign Bogor, December 15<sup>th</sup>, 2007

The Nutritious Egg Campaign was meant to increase the public's awareness in fulfilling the human's need for animal protein. This event was a part of the "Poultry Day 2007" series event and was themed "One Egg A Million Nutrition".

Broadcasting through the Indonesian Republic Radio of Bogor on December 12, 2007, in the form of an interactive discussion was done to socialize about the campaign. Three people were involved in the discussion, which are Albertus Teguh Muljono, DVM, from CIVAS, Herlin, DVM, from the Agribusiness Office, and Dr. Denny Widaya Lukman, DVM, MSc from the Veterinary Public Health Division of the Faculty of Veterinary Medicine of Bogor Agricultural University. Socialization was also conducted by distributing brochures in front of the Bogor City Hall on December 14, 2007, or a day before the campaign. Information of the campaign was also displayed in several magazines, such as Trobos, Infovet, and Poultry Indonesia (all in the December 2007 edition), in CIVAS' website and the veterinarian mailing list.



- Eating Eggs Together -

Distribution of the hard-boiled eggs was done in two phases. The first phase was during the opening ceremony of Poultry Day 2007 and the second phase was during the Nutritious Egg Campaign, both on December 15, 2007. As much as 520 packages of eggs were distributed in the first phase to participants of Poultry Day 2007 and citizens around the city hall area and 630 packages of eggs were distributed in the second phase to participants of Poultry Day 2007, citizens around the city hall area, and people around CIVAS' office.

The Nutritious Egg Campaign was set as the climax of Poultry Day 2007 and was guided by Mr. Ir. Dody Rosady, Secretary of Bogor Municipality, and Albertus Teguh Mulyono, DVM, Executive Director of CIVAS, in the Bogor City Hall Plaza. The event was then followed by eating the eggs together by everyone.

Releasing of balloons was done at the end of the event by the Secretary of Bogor Municipality and it officially closed Poultry Day 2007. (odhe)

## Research

### Vaccination Field Trial CIVAS - Sukabumi District Livestock Office - Wageningen International

The program of vaccination field trial is one of the modules (module III) developed under the bilateral cooperation between Indonesia and the Netherlands in relation to Highly Pathogenic Avian Influenza (HPAI) control in Indonesia. The trial was started on June 2006 in 33 sub-districts of Sukabumi district, namely Cicurug, Cikembar, and Kebon Pedes. This program is implemented jointly by Center for Indonesian Veterinary Analytical Studies (CIVAS), Livestock Office of Sukabumi District Veterinary Agency, and Wageningen International.

The activities related to the program include: (1) training on vaccination and sampling method; (2) sampling in the chicken collector houses; (3) vaccination field trial study; and (4) regular sampling in collector and slaughter houses. The program is expected to produce recommendations that can be used as a reference to AI vaccination policy-making in Indonesia.



- Vaccination -

### Training on vaccination and sampling method

The training on HPAI vaccination and sampling method was held on 21 - 22 June 2006 in Centre for Education and Training on Agribusiness of Animal Husbandry and Health in Cinagara, Bogor. There were 23 participants attended the training, coming from various institutions including Sukabumi District Livestock Office, Center for Veterinary Public Health and Animal Disease Investigation Cikole, Bandung, CIVAS and pharmaceutical company Medion Indonesia. The training materials were given by lecturers from the Faculty of Veterinary Medicine of Bogor Agricultural University consists of Dr Retno Soejoedono MS and Dr Sri Murtini MSi as well as Dr. Teun Fabri, Poultry Health and Management Expert of Wageningen International.

### Chicken collector house sampling

Chicken collector house sampling was conducted to collect initial information on the spread of AI virus, particularly in broiler chicken in Sukabumi district. On 23 June 2006, samples were taken from 11 chicken collector houses located in the 3 sub-districts, namely Cicurug, Cikembar and Kebon Pedes. Serum samples were sent for examination to Center for Veterinary Public Health and Animal Disease Investigation in Cikole, Bandung.

### HPAI vaccination field trial study

Initially it was targeted to involve targets 20 poultry farms in the study, consist of commercial layers and semi intensive native chicken. The program is intended to look for the best practice of AI vaccination program which will be recommended to the government. The farms were divided into 2 groups, which are 10



treatment farms and 10 control farms. Any changes related to each of the farms are being monitored and recorded. On 15 September 2006, CIVAS and Wageningen International evaluated the existing program and agreed to develop a new protocol to suit better the localities and improve the existing procedure.

Until the end of June 2007, a total of 13 poultry farms are taking part in the study, comprising 7 treatment farms (1 commercial layer farm and 6 native chicken farms), and 6 control farms (4 commercial layer farms and 2 native chicken farms).

CIVAS in cooperation with Livestock Office of Sukabumi district assisted by local people (in particular the village administration staffs) conducted a ring vaccination within a 1-kilometer radius of the treatment farms. The vaccination was conducted prior to chick-in, aiming for increasing poultry's immunity to AI virus and restraining the spread of AI virus around the treatment farms. Before the implementation of the ring vaccination, CIVAS and Sukabumi District Livestock Office organized a socialization program to the people around the farms. Through this socialization, it is expected that the implementation of the ring vaccination will be effective. The topic for the socialization are good farming practices, AI disease, vaccination program and sampling. To broaden the coverage of the vaccination, other socialization methods were also conducted, including meetings with community's leader, campaigns via village organizations and mosques.

Sentinel chicken were distributed to each participating farms (treatment and control). They were taken from the same type of chicken raised. Each of the sentinel consists of about 1-60 chicken for every flock, depend to the total number of chicken in the flock. For identification purposes, both legs of the sentinel chicken were marked. The treatment to all sentinels was the same with the non-sentinels, except that they were not given AI vaccination. They were received the same vaccination for other diseases and medication treatment.

Samples were taken from treatment and control farms, as well as from the ring vaccination area in accordance with the existing protocol. The samples taken were sent to laboratories which had agreed to perform the test, i.e. serum samples to Center for Veterinary Public Health and Animal Disease Investigation, Cikole, Bandung and swab samples to Research Institute for Veterinary Science (Balitvet), Bogor. Regular sampling in chicken collector and slaughter houses

The regular sampling in chicken collector and slaughter houses is one of the activities to monitor the spreading of AI virus. The activity started on 4 September 2006 in the sub-districts of Cicurug, Cikembar and Kebun Pedes, Sukabumi district. Samples were taken from 6 chicken collector/slaughter houses, comprising 5 broiler chicken collectors/slaughter houses and 1 native chicken collector/slaughter house. Sentinels were placed in the collectors/slaughter houses and will be monitored within a certain period. (andro)

## → Seminar

**Scientific Seminar on Animal Health Bogor, December 15<sup>th</sup>, 2007**

**"R**ole of the Veterinary Profession in the Poultry World" was the theme of the Scientific Seminar on Animal Health by CIVAS. This seminar is part of the POULTRY DAY 2007 event series. It was held on December 15, 2007, in the seminar room of Bogor City Hall. Sudirman, DVM, from Sierad Produce and Dr. Darin Collins from the Wildlife Conservation Society were speakers of this seminar. While Prof. Dr. FG Winarno and Ely Sawitri, DVM, MSc who were both previously scheduled to also speak in the seminar were suddenly unable to attend. This seminar was moderated by Wiwied

Bagdja, DVM.

Sudirman, DVM, presented his paper with the title "The Poultry Industry and Avian Influenza", but from his comments, there correct title should be The Poultry Industry, Veterinary Profession, and Avian Influenza. His paper illustrated the poultry industry in Indonesia, the situation of Avian Influenza at that time, and elaborated on the role and participation of the poultry industry.

As a conclusion, Sudirman, DVM, explained that with the development and growth of the poultry industry, density of the poultry population also increases. This will have an impact on the vulnerability of poultry to disease. Because of that, the poultry industry, as a party with specific concern on AI control, plays a vital role. In regards with the complexity of AI control in Indonesia, cooperation between the industry, government, and veterinarians is imperative to control AI.

Dr. Darin Collins presented a paper titled "Avian Influenza Virus in Captive and Free-Ranging Wild Birds: Special Consideration for Risk Assessments in Indonesia".

As a summary, his paper explained that some migrant birds on the east coast of Sumatra were infected by AI and died, but others stayed healthy. Waterfowl is not the only species serving as a reservoir for AI virus. Therefore correct and serious mapping is necessary to determine the migratory route of wild birds. The habit of collecting wild birds is suspected to play a role. Wild birds tend not to perch at densely populated areas; therefore coordination is necessary for comprehensive studies.

The seminar was attended by 108 participants, which consisted of 46 participant from the private sector (poultry, animal medicine, practitioner), 14 participants from the government, 5 participants from laboratories, 8 participants from universities, 9 participants representing students, 15 participants from associations and NGOs, and 11 participants from the press. (odhe)



- Speakers -

## → Training

**Geospatial Technologies in Epidemiology and Incident Management Training  
Tangerang Pilot Project on Avian Influenza  
Tangerang, October 22<sup>nd</sup> - 28<sup>th</sup>, 2007**

**T**he training on "Geospatial Technologies in Epidemiology and Incident Management" was a preliminary step for the Bird Flu Control Pilot Project in Tangerang which was initiated by the National Committee for Avian Influenza Control and Influenza Pandemic Preparedness (KOMNAS FBPI) in collaboration with the United States Department of Agriculture (USDA) and the Secretariat of Tangerang Pilot Project.

Training objectives were: 1) to prepare all staff in the Agriculture Office and Health Office so they could work together in collecting information and base data of Tangerang city for the Bird Flu Control Pilot Project, 2) to train field staffs or officers into skillful officers who could collect data or coordinates using the Global Positioning System (GPS) Receiver, 3) to train data entry staffs or officers into skillful officers who could process data from field and display it spatially so it could be informative data, and 4) to prepare

skillful field officers and staffs for the Base Line Survey in Tangerang city.

The training was conducted at Imperial Aryaduta Tangerang Hotel from October 22nd to 27th, 2007. The training was officially opened by Tri Satya Putri Naipospos, DVM, MPhil., PhD (Vice Chief Executive II of KOMNAS FBPI) and was instructed by Dr. Jerome E. Freier (Center for Epidemiology and Animal Health, United States Department of Agriculture) and Pricilla L. Fitzmaurice (Center for Epidemiology and Animal Health, United States Department of Agriculture).

This training was divided into two modules. Module I was attended by field officers who are expected to use GPS receivers to collect data or coordinates at field. Module II was attended by data entry officers who are expected to receive data from field and process it into a spatial form. Training in each module was a combination of lectures in class, field practice or data processing and display practice, and exercises. Discussion was intertwined in each session of lecture or practice.



- Instructure and Participants -

There were 48 participants in Module I. They consisted of participants from the Indonesia Ministry of Health both from the central and Tangerang municipal government, the Main Secretariat of the Bird Flu Control Pilot Project in Tangerang City, and the Municipal Agriculture Office of Tangerang. In Module II there were 15 participants, which consisted of participants from the Indonesia Ministry of Health, the Directorate of Animal Health of the Indonesia Ministry of Agriculture, the Municipal Health Office and Agriculture Office of Tangerang, the District Health Office and Agriculture Office of Tangerang, KOMNAS FBPI, and from a non-government organization specialized in animal health and food safety, Center for Indonesian Analytical Studies (CIVAS).

The training was officially closed by Tri Satya Putri Naipospos, DVM, MPhil, PhD with great expectations that all participants could utilized what was received from this training as a basic knowledge in the Base Line Survey in Tangerang. In general, most training participants expect continuous trainings and cooperative aid for basic equipment necessary to institute the newly received knowledge in their daily work. (winda)

## → Editorial Board

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