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Celebration

World Veterinary Day in Indonesia Jakarta, April 28th, 2007

For the first time, Indonesia was involved in the celebration of World Veterinary Day (WVD). The celebration was conducted for three hours from 09.00 to 12.00 am on Saturday 28th of April 2007 at the Horse Statue Square of the National Monument in central area of Jakarta. The celebration was organized by the Center for Indonesian Veterinary Analytical Studies (CIVAS) in partnership with the Indonesian Veterinary Students Association (IMAKAHI).

The number of participants was approximately 50 people, consists of 4 veterinarians from CIVAS, 40 students from the Faculty of Veterinary Medicine of Bogor Agricultural University, 9 students from the Faculty of Veterinary Medicine of Gajah Mada University in Yogyakarta and 2 students from the Faculty of Veterinary Medicine of Airlangga University in Surabaya. The celebration was performed in such a way to attract public sympathy on the action of setting a banner and distributing roses and leaflets to pedestrians passing the National Monument (see picture).

The theme of WVD 2007 was "Celebrate Our Diversity". The theme was announced by the President of the World Veterinary Association (WVA), Dr. Leon Russell. In his speech during the moment of WVD 2007, Dr Russell urged the world on how strategic is the role of veterinarians in many global public health issues. He also reminded that veterinarians in Asia still have to work hard to prevent the possible outbreak of an Avian Influenza pandemic. In his conclusion, Dr Russell sent his message through WVD asked all veterinarians to work towards one emotion, which is joy for the veterinary profession.



Inspired by the speech, CIVAS was defined a subsequent theme for celebrating WVD in Indonesia and it was "Strengthen the Global Partnership to Prevent Avian Influenza Pandemic". The celebration was carried out peacefully and successfully. The celebration action itself was covered by the national TV Indosiar and TPI. Some of the national newspaper reporters had also present to cover the celebration. CIVAS had acknowledged both Indosiar and TPI which were presented the celebration of the WVD event during their afternoon news.

Meanwhile, the WVD was also celebrated in Surabaya and Yogyakarta. The celebration in Surabaya had been attended by approximately 100 people consists of students of the Faculty of Veterinary Medicine of Airlangga University, Surabaya and the Indonesian Veterinary Student Association (IMAKAHI) of the Airlangga University. The celebration in Yogyakarta was held on Sunday 29th of April 2007, participated by 50 students from the Faculty of Veterinary Medicine of Gajah Mada University.

CIVAS has put WVD as a very important moment in strengthening the veterinary profession in the country. From CIVAS point of view, the WVD has both internal as well as external purposes. The internal purpose is to promote pride amongst Indonesian veterinarians on their own profession. The external purpose is to build spirit of partnerships amongst veterinarians at the national as well as international levels. CIVAS together with the Indonesian Veterinary Student Association (IMAKAHI) urge the Indonesian Veterinary Medical Association (IVMA) to celebrate the WVD 2008 and onwards with a more significant and consolidated effort for the challenging future of veterinary profession in Indonesia.

Jakarta, 07 Mei 2007
CIVAS-IMAKAHI (Sapto)

Discussion

IMAKAHI-CIVAS Discussion on Poultry Industry Restructuring

The discussion on poultry industry restructuring was held in one of the classroom of the Faculty of Veterinary Medicine, Bogor Agricultural University (IPB), Darmaga, Bogor. The Indonesian Veterinary Student Association (IMAKAHI) in collaboration with Center for Indonesian Veterinary Analytical Studies (CIVAS) jointly organized the discussion with the focus on raising backyard poultry in residential areas in relation with avian influenza control. The speakers for this discussion were Dr Tri Satya Putri Naipospos (Chairman of CIVAS) and Dr Muladno (Faculty of Animal Husbandry, Bogor Agricultural University). The moderator for the discussion was Iwan Berri Prima (President of IMAKAHI).

The discussion was officially opened by Dr I Wayan Teguh Wibawan (Vice Dean of the Faculty of Veterinary Medicine). It is expected that the discussion will lead to the solutions of mitigation avian influenza risk in Indonesia. He also mentioned that the discussion was initiated by a group of people as part of the poultry society in Indonesia who had the opinion that local government effort in banning backyard chicken (sector 4) in residential areas should be

implemented carefully. The banning policy has to be adopted by considering all relevant factors such as politic, economic, social, as well culture of the Indonesian society. On the other hand, it should not hamper the need of poor people to get chicken meat as the cheapest source of animal protein that they can afford.

The discussion was also attended by Dr Bachtiar Moerad (Chairman of Indonesian Veterinary Public Health Association/ASKESMAVETI), Dr Maradoli Hutasuhut (Directorate of Non-Ruminant Livestock, Department of Agriculture), Dr Sri Mukartini (Directorate of Veterinary Public Health, Department of Agriculture), Dr Hardi (Livestock and Fisheries Services Office of Bogor District), Dr Michael Indra (PT Cheil Jedang Superfeed) and others. Most of the participants were students and lecturers of Faculty of Veterinary Medicine, Bogor Agricultural University.

Research

Avian Influenza Surveillance at Chicken Broker Facilities in the Province of DKI Jakarta

The surveillance at chicken brokers in five districts of the Province of DKI Jakarta was one of the activities from a series of bilateral cooperation between the Government of Indonesia and the Government of Netherlands in the effort to control avian influenza (AI) in Indonesia. It was expected that the surveillance program could provide information about the possible role of chicken brokers as a potential source of spreading AI viruses.

The objectives of this surveillance program are to determine the existence or the circulation of AI viruses at chicken brokers, and to identify the risk factors of spreading AI viruses especially in chicken brokers in the Province of DKI Jakarta.

The number of chicken brokers involved in this surveillance program was about 40 brokers in five districts which are Central Jakarta, North Jakarta, East Jakarta, South Jakarta and West Jakarta. The selection of chicken brokers was done by proportional random selection on a number of chicken brokers in each district and also based on the chicken types whether they are broiler, active layer, culled layer, young broiler cock and native chicken. The surveillance was conducted during 3 months period.

The methodology used in order to capture the



existence or circulation of the AI viruses is sentinel birds. Also at each location, interviews were carried out using questionnaire to obtain information related to risk factors of spreading AI viruses. Among these were information concerning the source/origin of slaughtered

chickens, handling of chickens at the broker, biosecurity measures, etc.

Sentinel birds were commercial layer chickens which have never been vaccinated against AI and come from farm which have a status of AI free. The number of sentinel birds placed at each broker depended on the average chicken population which is 7-10 birds per cage/pen/house. These sentinel birds were kept in the same cage with the chickens at the broker. The spread of sentinel birds was modified accordingly to the condition of the chicken broker but it was still evenly distributed.

Serum samples were examined by HI test, while cloacal and tracheal swabs were tested by PCR. Both HI and PCR tests were conducted at the Animal and Fish Diagnostic Laboratory of DKI Jakarta province. If there is a positive result of PCR, further step of virus isolation was conducted at the Research Institute for Veterinary Sciences in Bogor, East Java. (Andro).

➔ Training

Avian Influenza Epidemiology Training Workshop in Tangerang, Medan, Surabaya, and Denpasar

The Directorate General of Livestock Services of the Department of Agriculture through its collaboration with the United States Department of Agriculture (USDA) is planned to conduct six series of Avian Influenza Epidemiology Training Workshops in various locations throughout Indonesia. Four out of six series of these training workshops were already conducted in Tangerang, Medan, Surabaya, and Bali. The organizers for these training workshops were the Colorado State University, Association for Veterinary Epidemiology and Preventive Medicine (AVEPM), and Center for Indonesian Veterinary Analytical Studies (CIVAS).

The training workshop is designed to demonstrate to the Indonesian government and private veterinarians the role of international regulations and veterinary epidemiology in national animal health programs and protection of human and animal populations from diseases. Beside that, to guide the government and private veterinarians in conducting animal disease investigation that includes collection of samples, probing potential sources of infection, recruiting records, and data that are relevant to disease under investigation, and using the appropriate preventive and control measures.

After the first training workshop in Tangerang (December 14th – 23rd, 2007), the follow up training workshops were conducted consecutively in Medan (February 26th – March



9th, 2007), Surabaya (April 2nd – 13th, 2007) and Bali (May 7th – 18th, 2007). The training workshops were mostly carried out in ten days that comprised six days of didactic classroom instruction and four days of table-top and field mock outbreak simulations.

The main participants for this training workshop were government field veterinarians. Additional participants were private veterinarians who involve directly with poultry industry and also veterinarians from university who are engaged in using epidemiological approach in their lecturing,

or others who involved in avian influenza prevention, control and eradication activities.

The instructors for these training workshop was lead by Professor M. D. Salman BVMS, MPVM, PhD, DACVPM, FACE from Colorado State University. Other instructors participated in some training workshops were Professor Ian A. Gardner, BVSc, MPVM, PhD from California University, and Kristy Pabilonia, DVM, MS from Colorado State University, Manon Schuppers, MSc from SAFOSO Switzerland, Barbara Corso, DVM, MS, DACVPM from USDA-APHIS, and L. Mia Kim, DVM, MS, PhD also from USDA.

During the training workshop, a field visit to several poultry farms was arranged for the participants. The purposes of this activity are they will be able to compare the differences of biosecurity implementation in each farm and can apply the survey and surveillance forms into farms from different sectors.

In the beginning of the training workshop, the organizers gave a pre test to evaluate the participant basic knowledge's on veterinary epidemiology and a post test at the last day to evaluate their progress. The result of the post test indicated that the participants had shown a significant progress in their understanding of avian influenza epidemiology. (Sevy)

Workshop ←

Workshop on Live Bird and Wet Markets in Medan, Surabaya and Denpasar

The National Committee for Avian Influenza Control and Pandemic Influenza Preparedness in collaboration with United States Department of Agriculture (USDA) and Center for Indonesian Veterinary Analytical Studies (CIVAS) conducted a series of Plenary and Workshops on Live Bird and Wet Markets to support avian influenza control program in Indonesia.

These series of events were conducted in Medan on March 27th – 29th, 2007, Surabaya on April 24th – 26th, 2007, and Denpasar on May 1st – 3rd, 2007. Previously similar event was conducted in Tangerang on September 2006. The opening addresses for the Plenary and Workshops on Live Bird Markets were delivered by representatives from the United States Department of Agriculture (USDA), National Committee for Avian Influenza Control and Pandemic Influenza Preparedness, and the Head of the Provincial Government.

The objectives of these workshops are to identify live bird or wet market best practices that can be applied and/or trialed in national, province, district and village levels, and also to encourage poultry industry as well as central and provincial government to adopt practical regulations which will improve disease prevention, early detection, and rapid response in relations with poultry trade and commerce. Through these events, it is also expected that the workshops can develop and recommend active models for AI prevention, detection and control in live bird markets/traditional markets, involving suppliers, transporters and distributors.

The participants for each workshop usually came from national and local levels. The central government participants such as representatives from Ministry of Agriculture, Ministry of Health, Ministry of Trade, and National Committee for Avian Influenza Control and Pandemic Influenza Preparedness. Whereas local participants were representatives from Provincial and District/Municipality Livestock Services Offices, Provincial Health Offices, market managers, poultry associations, farmers and poultry traders or collectors.

The first day of each workshop was usually carried out as a plenary where several speakers from local and foreign countries were given their presentations. The local speakers were

representatives from various government agencies which have some degree of involvement in regulating and/or managing life bird and wet markets operations. They were representatives from the Provincial Government, Ministry of Agriculture, Ministry of Health, and Ministry of Trade. There was also a presentation given by Yayasan Yudisthira Swarga, an Indonesian NGO on Animal Welfare. The foreign speakers were from FAO, USDA, Vietnam Department of Agriculture, International CHF, Philippines Bureau of Animal Industry, Thailand Department of Health, and Taiwan Bureau of Inspection and Quarantine of Animal Health and Plant.

In every workshop, visit to several markets was organized for the participants in order to give them an overview on how life birds market was operated and to observe how the poultry were handled in the market. After market visit, participants conducted group discussions to produce recommendations and to formulate a work plan on how to introduce best practices in order to control the spreading of AI viruses in life bird and wet markets.

The Plenary and Workshop on Live Bird and Wet Markets in Medan produced some important recommendations which are the need to have standard regulations and guidelines for life bird and wet markets, develop a model for healthy life bird market and replicate the model in other locations, and develop a model for poultry small scale slaughterhouse which can fulfill hygiene and sanitary requirements.



One of the recommendations from Plenary and Workshop on Live Bird and wet Markets in Surabaya was to develop healthy life bird market pilot projects in Surabaya municipality which will start in July 2007. Whereas the recommendations from Plenary and Workshop on Live Bird and Wet Markets in Denpasar consists of short-term and long-term plans. Short-term plans include socialization, market organization such as location/zoning, use of different cages for different poultry species, use of plastic cages etc, and an assessment of market potentials including identification of vendors, suppliers, poultry slaughterers, farmers, facilities and infrastructures. The long-term plans consists of live bird market relocation and implementation of veterinary health certificate. (AJ)

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