

Internal DEPTAN Workshop, Bogor 19 – 20 January 2010 IDP-HPAI Past, Present and Future Activities

Objectives, Programme, Documentation and Recommendations

Department of Animal Health / Campaign Management Unit and
Indonesia – Dutch Bilateral Programme on HPAI-control in Indonesia

Internal DEPTAN Workshop to evaluate IDP-HPAI past, present and future activities.

Proposed date: 19-20 Januari 2010

Location: Hotel in Bogor, Santika or Salak.

Introduction

IDP started early 2006 and has now over 3.5 years experience in field research and surveillance which has yielded considerable data and experiences on HPAI prevention and control. It is now time to further share these experiences and results, to draw conclusions, assess the impact and make plans for the remaining 1.5 – 2 years of the project.

Objectives

A 1.5 day workshop for policy makers and scientists will be held to review the experiences and results of the IDP-HPAI activities since 2006. The participants of the workshop will be Deptan staff and scientists involved in policy development for HPAI control programs.

The goal is to draw conclusions, assess impact and make recommendations on strategies for prevention and control of HPAI in Indonesia.

As such the outputs of the meeting are expected to be as follows:

1. Review of results and experiences of IDP projects on HPAI control in Indonesia;
2. Where possible translate results and conclusions into policy recommendations to the Ministry of Agriculture on feasible HPAI prevention and control strategies;
3. Review of ongoing IDP activities
4. Review of planned activities for 2010-2011
5. Recommendations for further work: 2010 – 2011;
6. Develop a joint program for a workshop to disseminate IDP results and experiences to a larger audience of stakeholders.

The program will follow a thematic approach. The main themes identified are:

- Vaccination
- Capacity building
- Surveillance in the poultry market chain

The program will be organized in such a way that there will be ample time for discussion after each (block of) presentations. Each theme will be concluded with a general discussion on conclusions that can be drawn, requirements for further activities and implications for existing and future policies.

The meeting will be chaired by the Director Animal Health Dr. Drh. Agus Wijono.

**'Internal Deptan Workshop to evaluate IDP-HPAI past, present and future activities'
19-20 January 2010
Location: Hotel Salak, Bogor**

Time	Session	Resource person
Tuesday 19 January 2010		
13:00 – 14:00	Registration/Lunch	
14.00 –14.15	Welcome and opening of meeting	Director General, DGLS Indonesia Agric. Councilor of the Netherlands
14.15 – 14.45	General overview of Indonesian – Dutch HPAI control programme Objectives/goals of workshop	Ivo Claassen – IDP Director, DAH
Theme 1: Vaccination		
Chairman: Abdul Rachman		
14.45 – 15.15	Results of the transmission trials	Ivo Claassen - IDP
15.15 – 15.45	Broiler vaccination field trial	CIVAS
15.45 – 16.15	Q + A and discussion	
16.15 – 16.30	Break	
16.30 – 17.00	Results of sero-monitoring OR	Waluyo – DIC Wates
17:00 – 17:30	Results of vaccine effectiveness study	Create
17:30 – 18:00	Q + A and discussion	
18:30 – 19:30	Dinner	
19:30 – 21:00	Discussion on conclusions to be drawn from vaccination studies, suggestions for future activities and implications for policy recommendations	Head NVDAL
Wednesday 20 January 2010		
Theme 2: Capacity Development - Chairman: Azhar		
08:30 – 09:00	Capacity development for Compartmentalization & Zoning	Ronny Mudigdo - CMU
09:00 – 09:30	Capacity development veterinary services West Java	Dinas Jawa Barat
09:30 – 10:00	Q + A and discussion	
10:00 – 10:15	Break	
10:15 – 10:45	Poultry profiling (Subang & Purwakarta) and future profiling activities	Create
10:45 – 11:45	Q & A, general discussion on conclusions to be drawn from capacity development activities, suggestions for future activities and implications for policy recommendations	Dean FKH IPB
11:45 – 13:00	Lunch	
Theme 3: Surveillance - Chairman: Bagoes Poermadjaja		
13.00 – 13.30	Jakarta collector house surveillance	CIVAS
13.30 – 14:00	Kalimantan duck surveillance	DIC Banjarbaru
14:00 – 14:30	Surveillance and the multi-intervention pilot project in Cipunagara (Subang)	Denny - FKH IPB
14:30 – 15:00	Q & A and discussion	
15:00 – 15:15	Break	
15:15 – 16:15	Discussion on conclusions to be drawn from surveillance activities, suggestions for future activities and implications for policy recommendations	Head, Bbalitvet
16:15 – 16:45	Synopsis of workshop conclusions, priorities for future activities of IDP-HPAI , recommendations for existing and future policies. Development of a joint program for a workshop to disseminate today's results, conclusions and recommendations to a larger audience of stakeholders	Director, DAH
16:45 – 17:00	Closing	Director, DAH

Reports from the Indonesian – Dutch Partnership on HPAI made available to the participants:

1. Final report of the Avian Influenza Field Trial Vaccination (2006 – 2008). Prepared by CIVAS in cooperation with Wageningen – UR and Dinas Peternakan West Java / Sukabumi. Published in 2009.
2. Field trial for assessment of avian influenza vaccination effectiveness in Indonesia by A. Bouma (1)*, A. Teguh Muljono (2), A. Jatikusumah (2), A.J. Nell (3), S. Mudjiartiningsih (4), I. Dharmayanti (5), E. Sawitri Siregar (6), I. Claassen (7), G. Koch (8) & J.A. Stegeman (1) Published in OIE Scientific Technical 2008, 27 (3), 633-642
3. An inactivated H5N2 vaccine reduces transmission of highly pathogenic H5N1 avian influenza virus among native chickens; O.N. Poetri a, A. Bouma,, Sri Murtinia, I. Claassen, G. Koch, Retno D. Soejoedono,, J.A. Stegeman, M. van Boven. Published in Vaccine 27 (2009) 2864–2869.
4. Estimation of Transmission Parameters of H5N1 Avian Influenza Virus in Chickens; Annemarie Bouma¹, Ivo Claassen, Ketut Natih, Don Klinkenberg¹, Christl A. Donnelly, Guus Koch, and Michiel van Boven^{5*}. Published in PLoS Pathogens January 2009, Volume 5, Issue 1.
5. Report on the Implementation of Training of Trainers (ToT) and evaluation of District / municipality Field Staff Training on HPAI prevention and control in Banten province (2009) prepared by Centre for Human Resource Development and Applied Technology (Create in Bogor). Indonesian and English version on the CD- Rom for participants.
6. Report on the Workshop Veterinary Capacity Building in West-Java on 20 October 2009 in Bandung. Joint workshop of Dinas Peternakan West Java and Indonesian – Dutch Partnership on HPAI
7. Report of the Post Training evaluation of fieldstaff training in West Java in cooperation with the Indonesia – Dutch Partnership on HPAI in 2009. Report prepared by West Java Government Livestock Services..
8. Antibody Responses to Avian Influenza Vaccination in Broiler Chickens in Indonesia; prepared by Erianto Nugroho (CIVAS) with co-authors/ Retno D. Soejoedono (IPB), Trioso Purnawarman (IPB), Chaerul Basri (IPB) and Patrick Hermans (Wageningen – UR).
9. Virus detection in incoming poultry and in the environment of Poultry Collecting Facilities in DKI Jakarta (2008) – Prepared by CIVAS and Wageningen – UR
10. Avian Influenza Surveillance in Poultry Collecting Facilities in DKI Jakarta Province – 2007; prepared by CIVAS and Wageningen – UR

**Recommendations from the
Internal Deptan-IDP Workshop
in Bogor, 19-20 January 2010**

A. Specific

Session I : Vaccination

1. The research that was executed in 2006-2007 and the results were taken into account in determining the policy on AI vaccine and vaccination strategy (Circular Letter. Director General of Livestock Services No. 30029 dated 30 September 2009)
2. Based on the results, further review is still required among other on vaccine and vaccination strategy in ducks, muscovy and broiler as well as quail (immunity system).
3. There is a need to do the research in order to control polyvalent vaccine.
4. It is proposed to simplify the registration process on recombinant vaccine including reverse genetic vaccine.
5. Sentinel chickens should be used during monitoring post vaccination and virus dynamics in the field after using inactivated AI vaccine.. DIVA principle can be applied during monitoring post vaccination in case of the use of reverse genetic vaccine.
6. There is a need to study the vaccination policy from a veterinary economic perspective and to plan an exit strategy (from vaccination).

Session II : Capacity Development

7. Priority activities for zoning & compartmentalization are :
 - a. Establishment of accredited certification body,
 - b. Training of auditor including personnel from DIC and Dinas Peternakan,
 - c. Allocation of sufficient budget to free farms from disease in which the priority can be set up based on result of farm profiling already implemented.
8. Need to conduct mapping based on similar data system for other areas in particular high risk areas. Results of profiling can be used to determine policies in particular to determine disease free compartments in the area.
9. Need to stimulate the use and ensure sustainability of trained human resources budget allocation in the district and at central level, both for field and laboratory staff as well as to increase the number of staff in each area
10. Need to conduct socialization towards local Government on zoonotic control programmes and related regulations and to advocate for allocation of resources for equipment, other facilities/infrastructure, personnel and budget to support control program on zoonotic diseases..

Session III : Surveillance

11. Need to conduct limited research on the application of few AI vaccines in ducks using the facility of BPTU Pelaihari (Centre for duck (alabio) breeding, South Kalimantan)
12. According to Law No. 18/2009 , all veterinary laboratories implementing testing or diagnosis activities must be accredited.
13. Surveillance design and implementation should be based on sound epidemiological principles because it will lead to useable results.
14. In order to strengthen implementation of surveillance, improvement of human resource capacity in province/district laboratories need to be supported.

B. General

1. Local Government is expected to actively participate in supporting AI control program in their areas.
2. All research is expected to have useful impact on policy determination from” farm to table” (throughout the entire production chain).
3. Research jointly implemented with donor countries and or in-country needs to be strengthened through proper research design with reference to basic standards and prevailing requirements.
4. There is a need to establish a database in DGSL on AI-related research in poultry including wild birds and other animals.
5. Planning of research activity should be based on the priorities in the AI Research Strategy with reference to National Strategic Work Plan on AI Control.