



Safura Abdul Malek
Pengurus AFPN/PGD

AGROFOOD PRODUCTIVE

WEBINAR REPORT ON POULTRY INDUSTRY

Nurul Nadia Abdul Patah

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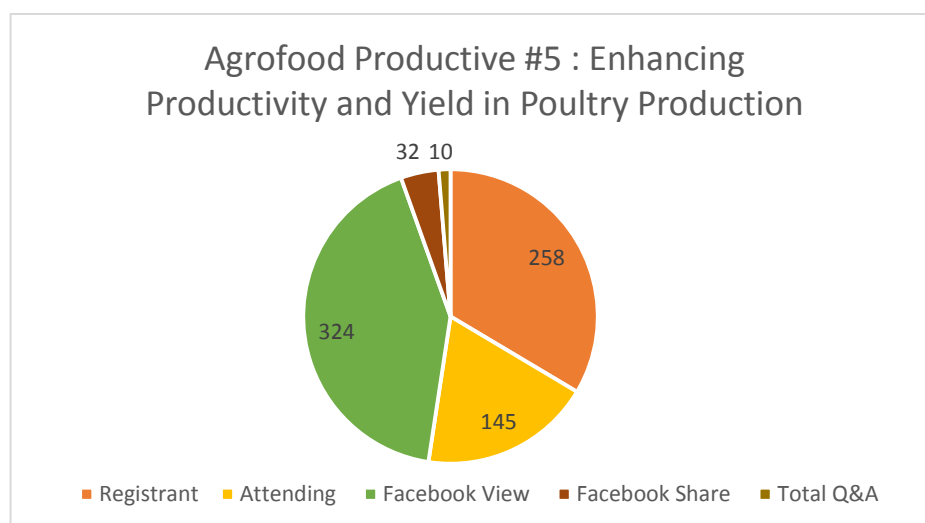
Report Series 5 Agrofood Productive:

Enhancing Productivity and Yield in Poultry Production

1. Webinar Information / Details

Title	Agrofood Productive: Enhancing Productivity and Yield in Poultry Production
Date	25 November 2020 (Wednesday)
Time	11.00 am-1.00 pm
Platform	Zoom Webinar
Panelist	<ol style="list-style-type: none">1. Dr. Mohammad Razli Abdul Razak, Head of Inspection and Veterinary Certification DVS.2. Dr. David Choe Di Wei, Veterinary Service Manager Rhone Ma Malaysia3. Dr, Nafisah Mydin, Area Technical & Marketing Manager Yenher Agro Products Sdn Bhd4. Dr. Lee Jin Ee, Veterinary Services Manager Ceva Animal Health Malaysia Sdn Bhd.
Moderator	Mr. Kit Chan, Director of K-Farm Sdn Bhd
Video Recording	https://www.facebook.com/watch/?v=199732961751435
Slide Presentation	http://www.wayup.my/sites/default/files/2020-11/Presentation%20Slide%20Webinar%20%235.pdf

2. Registration analysis.



3. Question and Answer

Num	Question
1.	Mygap is usually participated by big companies to facilitate export and local supermarket demand. how can mygap be beneficial for small to medium scale farmers esp for ruminant purposes
2.	Is it a requirement for poultry farm in malaysia to monitor and manage HSI?
3.	How about for ayam kampung? Their behaviour of perching n pecking needs more space thus open sided houses are more suitable. Or could ayam kampung be reared in close sided houses?
4.	How widespread is the use of IoT in poultry farming in Malaysia - for big players vs. small players? What are the main barriers to adoption?
5.	What is the portable test for AI which can get results in 2 hours?
6.	How do we analyze those AI datas for prediction of an epidemic?
7.	How do we predict the genetic performance of a layer breed in egg production?
8.	To Dr. Nafisah, what kind of sensor in the poultry house is useful to pre-alarm a disease besides analyzing the pathogen?
9.	As a consumer, how can I navigate traceability through big data info or IoT tech, to give me info on how the chicken has been raised, fed, medicated, or processed? At the moment, chicken products have very low traceability information (labeling) for consumers.
10.	Will the sensor, attached to the body, affects behavior of the animal? Is this not infringe on the welfare of the animal, ethically?

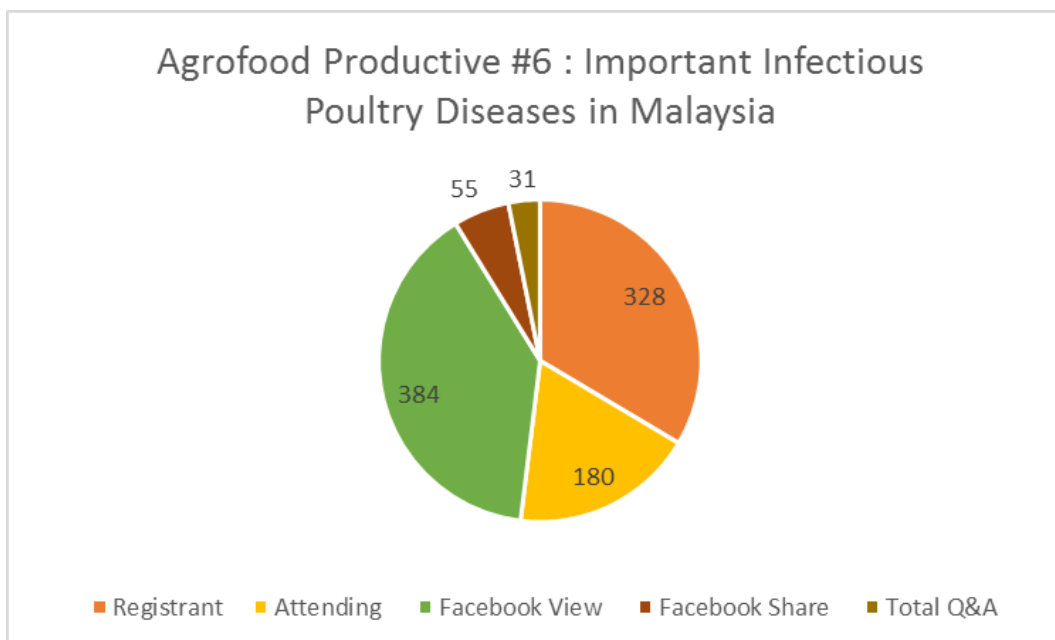


**Report Series 6 Agrofood Productive:
Important Infectious Poultry Diseases in Malaysia**

1. Webinar Information / Details

Title	Agrofood Productive: Important Infectious Poultry Diseases in Malaysia
Date	28 November 2020 (Saturday)
Time	11.00 am-1.00 pm
Platform	Zoom Webinar
Panelist	1. Prof. Dato Dr. Mohd Hair Bejo, Professor, Department of Veterinary Pathology & Microbiology, Faculty of Veterinary Medicine, UPM 2. Prof. Dr. Abdul Rahman Omar, Dean Faculty of Veterinary Medicine, UPM
Moderator	Dr. Yap Teow Chong, Technical Consultant of FLFAM
Video Recording	https://www.facebook.com/watch/?v=193842172291430
Slide Presentation	http://www.wayup.my/sites/default/files/2020-11/Poultry%20Webinar%20%20%236.pdf

2. Registration analysis



3. Question & Answer

Num	Question
1.	Want to ask which serotype can cause gizzard erosion in broiler?
2.	To Prof Dato Hair, what are the current status of prevalence of IBH in Malaysia ...or is there current outbreak anywhere in the region?
3.	Why is the titre of the vaccinated chicken of attenuated strain at 28d lower than inactivated vaccine? Do you think that vaccination of inactivated vaccine is enough for protection instead of the combination of the 2 vaccines?
4.	Assalamualaikum to Prof Hair and all. May I have opinion from Prof, how do we follow up the the antibody titre after the chicken get maximum antibody protection at day 28 of age?
5.	Is it advisable for us to give vaccination to chicks as early as day old chick especially the chicken infected with FAdV serotype 8B?
6.	Go around fields nowadays, I noticed a lot of proventriculitis issue with gizzard erosion and liver discolouration. May I know adenovirus will cause the above findings? As the samples I sent to lab for PCR test, all came back with -ve result. Thanks
7.	Second question, Is it advisable for us to give vaccination to chicks as early as day old chick especially the chicken infected with FAdV serotype 8B?"
8.	Questions from Kah Min Lim... Go around fields nowadays, I noticed a lot of proventriculitis issue with gizzard erosion and liver discolouration. May I know adenovirus will cause the above findings? As the samples I sent to lab for PCR test, all came back with -ve result. Thanks
9.	Hi Prof Hair, thanks for the wonderful presentation. Just a couple of quick questions, is it advisable to vaccinate broiler against FAdV if the breeder is not routinely vaccinated against this virus? Is FAdV common in broiler chickens in Malaysia?
10.	Is the FadV-1 antibody for the breeders and progeny need to be homologous to the challenge strain (serotype 8b)?
11.	Question from Ali Mansour - My question is do we have a vaccine that will provide cross protection against Fowl adenovirus.
12.	Dr. Hair, sorry I join little late. FAdV = EDS76 adenovirus? Are they cross protection?
13.	In your trial, may I know currently FAdV vaccine available in market?
14.	In commercial broiler, do you any idea what is the Vaccination cost for FAdV per broiler?
15.	In you presentation, you highly recommend vaccinate FAdV in breeder. it will provide maternal antibody. Right? What do you think as breeder man, do I need to vaccinate EDS76 vaccine also?"
16.	Hi! Sorry I missed part of the presentation just now on fowl adenovirus, may i know how to control vertical transmission of fadv in infected breeder flock? As the scenario I experience is, this outbreak of disease occur secondary to stress factors, it is present as latent form, n these stress factor triggers outbreak of ibh, what is your comments prof?
17.	Is there any recent technology in accurate dectecting of IBD in a flock apart the

	molecular technique?
18.	How is the prevalence and current situation of variant vvIBD in Malaysia?
19.	What is your opinion of agpt test on diagnosing ibh infection as agpt test uses antigen from serotype 1 (celo) but local infections (or exposure) are more to serotype 8b? Thanks Prof!
20.	Good Morning Prof Hair, May i know how effective IBH vaccination program in breeder to reduce vertical transmission in broiler for FAdv 8b?
21.	Prof Hair, Three vaccination options programme, how to determine which one is more protective. Please advise
22.	Prof hair, what can we do knowing that this batch of of day old chick has history of ibh outbreak on other flocks?
23.	Does this ibd virus are able to infect human when come into exposure and is there any cases of cross regional infection diseases by ibdv?"
24.	Which organs should we send for histopathology n pcr for ib?
25.	Most of Malaysian IBV strains are more to the local strains which are normally not protected by the imported vaccines. Prof Aro, Why do you think until now we dont have any local IBV vaccine that can be used to protect our chicken?.
26.	I hope you don't mind to ask Prof Rahman to comment on mRNA vaccine for Covid19 which may not be related to chicken. According to report, the vaccine is only 95% effective and it cannot neutralise the covid virus. So leaving the vaccinated infected as carriers? At the same time the natural infection leave about 98% immunity after natural infection which is even better immunity. So why vaccinate? Is it safe to use the vaccine?
27.	Q to Dr. Rahman. Thank you good update info on IB. But as producer, I am thinking on commercial view. We had giving many type of vaccine to breeder and broiler, but still we are not getting optimum performance and profit. Meaning, to have successful result, it involve many factors such as feed, human resource management, equipment, genetic and so on. This is high time UPM should set up poultry center (cheapest protein source) where it involved expert from equipment, feed, diseases, microbiolog. What I think preventive medicine not only bu vaccine approach. I hope you get my view. TQ.
28.	Question from Muhammad Asyraf - Hi, thank you for the presentation. Can a virtically transmitted IBH virus be dormant for the first 2 weeks and activated and showing clinical signs at older age due to stress?
29.	1 - 2 years ago I read article from CDC pertaining new virus found in north of Semenanjung. This virus was named Orthobunyavirus that can caused severe Kidney Disease. Is there any local study on this virus?
30.	More research in early stage of DOC health and tools to improve chick quality. Do we have any research done in UPM?
31.	Can we say the IBH virus is endemic in Malaysia?
32.	Malaysian IB Variant what type of lesion findings could be noticed in the field. Telli
33.	IBH Material Antibody of DOC could last for how many days? How long is half-life of IBH Material Antibody?
34.	Prof. Hair sir does Malaysia have cases of FAdv serotype-4
35.	IB vaccciation programme

36.	Is homologous vaccine the best solution for IB Local Variant & Qx like? Thank you"
37.	May I ask why there is no/ very low IB antibody titer seen when blood was taken at day 35 and 37. The vaccination progarmme is as follows 1. Day old IB Ma5 and 491 via spray, 2. Day 18 IB Ma5 via drinking water. Thank you.



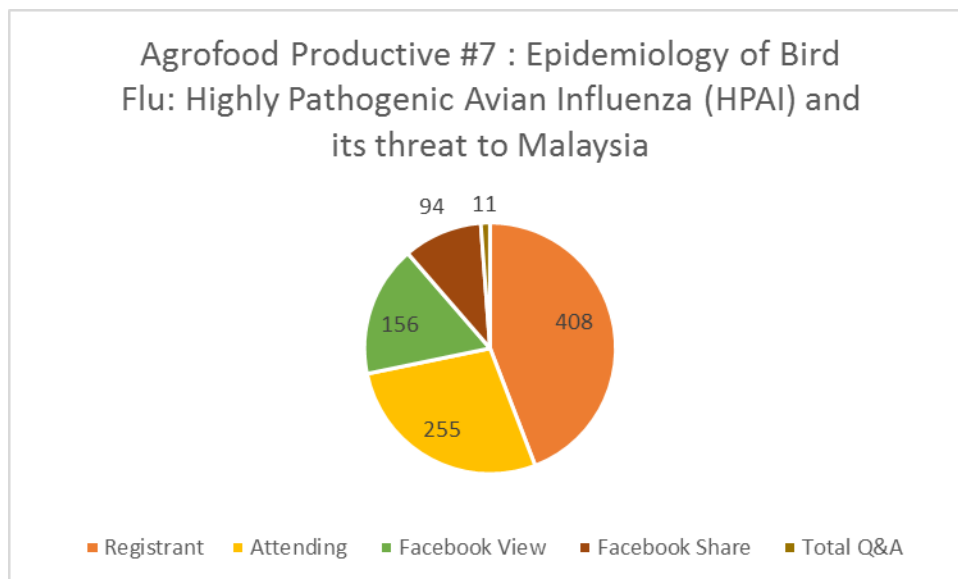
Report Series 7 Agrofood Productive:

Epidemiology of Bird Flu : Highly Pathogenic Avian Influenza (HPAI) and its threat to Malaysia

1. Webinar Information / Details

Title	Agrofood Productive: Epidemiology of Bird Flu : Highly Pathogenic Avian Influenza (HPAI) and its threat to Malaysia
Date	2 December 2020 (Wednesday)
Time	11.00 am-1.00 pm
Platform	Zoom Webinar
Panelist	1. Dr. Marcelo Tafuri Paniago - Director of Veterinary Services, Ceva Animal Health Asia Sdn Bhd 2. Dr Rozanah Asmah Abd Samad - Director of Veterinary Research, Department of Veterinary Services (DVS) 3. Dr Akma Ngah Hamid - Deputy Director General of Veterinary Health, Department of Veterinary Services (DVS)
Moderator	Professor Dr. Abdul Rahman Omar - Dean, Faculty of Veterinary Medicine, UPM
Video Recording	https://www.facebook.com/watch/live/?v=406839577034870&ref=watch_permalink
Slide Presentation	http://www.wayup.my/sites/default/files/2020-12/Slide%20Presentation%20%20%20237_0.pdf

2. Registration analysis



3. Question and Answers

Num	Question
1.	Dr Marcelo, is there any country that are vaccinating broilers as well to prevent H9N2 infection?
2.	Still don't understand why you have to vaccinate H9N2? Introduce another new virus? How can this vaccination be able to control HPAI? What mechanism? Is it better to vaccinate against H5N1 & H7N9 than H9N2? Appreciate your comments.
3.	Dr Marcelo, what is the protective HI titer to prevent clinical signs in chicken? Does titer of around 6 enough to protect the chicken? thank you
4.	Will commercial farms get compensation from government in the case of HPAI outbreak?
5.	I noticed you said that H5 and H7 subtype are HPAI but why H5N2 is a LPAI?
6.	Hi Dr. How does MyGAP certification benefit the farmers themselves?
7.	Dr Marcelo, 1) to understand clearly H9N2 outbreaks in particular index, the rule of surrounding wild bird or waterfowl as spill over to commercial poultry can't be ruled out. Is it important to gather information before implementation the H9N2 vaccination 2) it is learned that using H9N2 autogenous Vaccine for long run is costly compare to conventional vaccine. Moreover the safety of vaccine adjuvant is critical. Along with to identify pathogenic antigen correctly is highly recommended.
8.	My friend would like to export poultry meat into Sabah & Sarawak, but this is not allowed. Why?
9.	Are eggs from lpai h9n2 farm can be marketed?
10.	May i ask, if vaccination of lpai will be considered on village chicken reared for meat purposes in farm at risk, as a background, usually village chicken is reared until week 11 to as long as week 17 weeks old, thank you!
11.	What is the commercial test kit to monitor or diagnose AI?

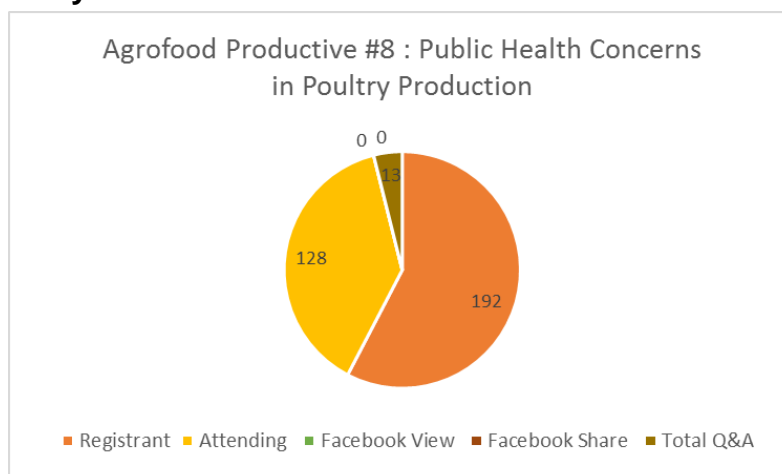


Report Series 8 Agrofood Productive: Public Health Concerns in Poultry Production

1. Webinar Information / Details

Title	Agrofood Productive: Public Health Concerns in Poultry Production
Date	5 December 2020 (Saturday)
Time	11.00 am-1.00 pm
Platform	Zoom Webinar
Panelist	1. Dr Rohaya bt Mohd Ali, Senior Assistant Director Food Safety of Animal Section, Veterinary Public Health Division, Department of Veterinary Services 2. Dr Yap Teow Chong, Technical Consultant Federation of Livestocks Farmers Associations of Malaysia 3. Prof. Dr Loh Tek Chwen, Deputy Director of Center of Industry Relations and Networks (CiRNet), Department of Animal Science, Faculty of Agriculture, UPM 4. Dr Tan Chee Kiang, Technical Consultant of FLFAM
Moderator	Mr Terry Tan, President Federation of Livestocks Farmers Associations of Malaysia
Video Recording	https://drive.google.com/file/d/1iCEHb1sndrmXNiXjF5bEhceKYjzRYNbI/view?usp=sharing
Slide Presentation	http://www.wayup.my/sites/default/files/2020-12/Participant%20Slide%20%20%20238.pdf

2. Registration analysis



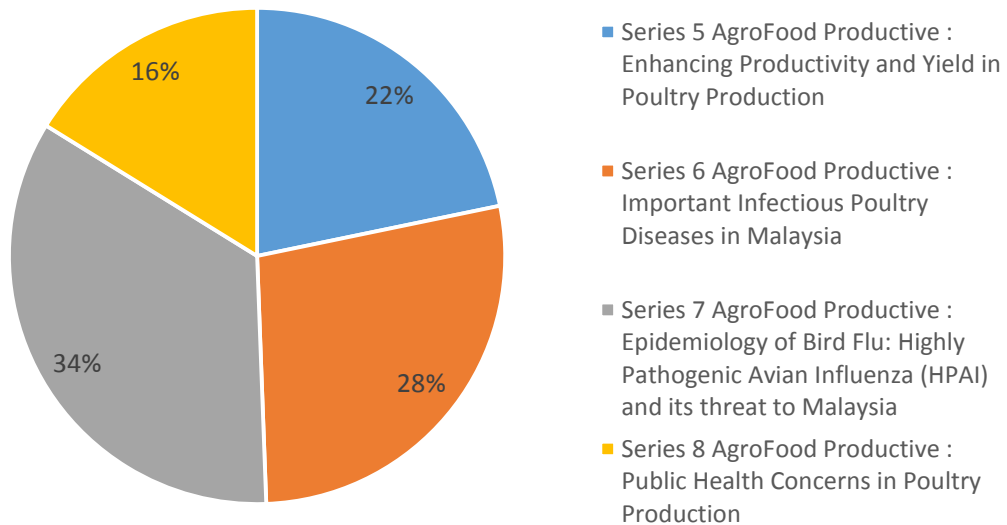
3. Question and Answer

Num	Question
1.	Just curious how antibiotic residue is detected in slaughtered poultry, and what level? Sometimes we have obeyed the withdrawal period on the antibiotic, but somehow still dont pass amr. please enlighten us
2.	Dr Rohaya, what may have cause/s the rise of VPH index in 2019 and 2020?
3.	DVS have been monitoring poultry processing plant for Salmonella & Campylobacter sp. contamination of carcasses. In the case of positive result of the sampling, what will happen to the batch of poultry meat that have been send to market/restaurant for sales & consumption? Will it be confiscated or retrieve back?
4.	Does the recent ban in the use of several antibiotic in poultry sector can be associated with the increase of Campylobacter sp. detection as shown in the graph?
5.	Issue is about salmonella isolation in the poultry processing plants.
6.	The scenario in msia, may be less than 20% of broiler farms have my gap certification and the rest don't have. The processing plant have to slaughter chicken from both sources ie from my gap and none my gap farms. The questions is what should be the best SOP could be applied at the processing plants to mitigate the salmonella contamination
7.	Good afternoon Dr Rohaya. Is there any MyGAP guidelines that highlight the requirement on sampling interval for poultry farming especially for Salmonella and E. coli? Can elaborate more what type of sampling that need to be done? Thank you
8.	To Dr LohWhat about the use of Mid-Chain Fatty Acids
9.	DR. LOH, I see your recommend 1 - 1.5 kg to replace AGP in feed. May I know is your total acids % in your cocktail acidfier?
10.	Discussion: DR. TAN. For long term benefit our farm's products egg, broiler meat, pork, colour chicken, milk, beef, mutton....What can and how to Agro Food do to enhance consumption of farm products locally. There is still many consumer still naive about what they consume.
11.	Hi Dr Tan. Can you explain about those chicken meat or eggs that are labelled organic? How is it different from commercial chickens? Thank you Dr.
12.	Dear prof, is vinegar good subsitute to organic acid? Can we use vinegar as broiler chicken supplement drinks?
13.	There are many declaration on the processed chicken packaging such as 'Lacto', 'Pineapple' and so on. Does this comply with Malaysian Food Act?

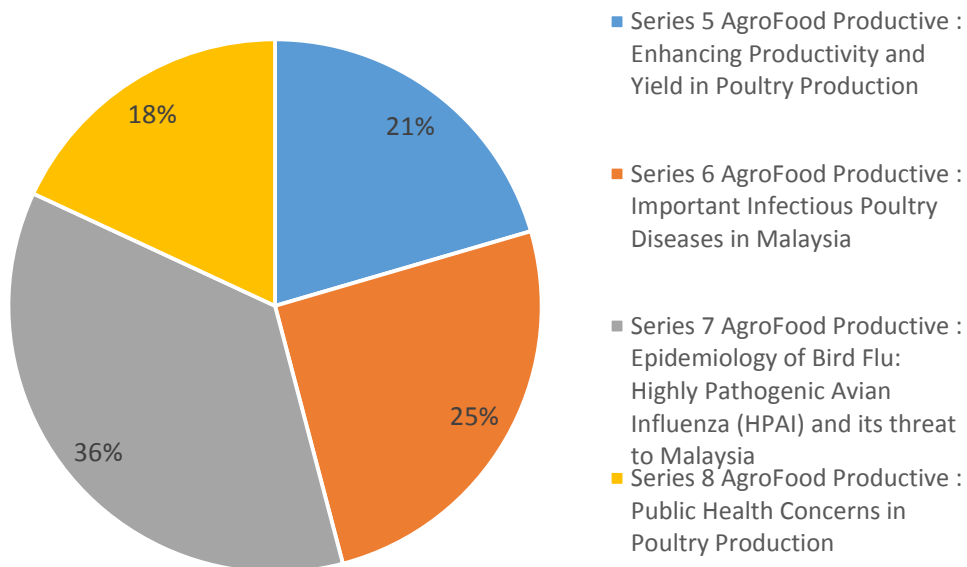
Summary of Webinar 5 – 8

Num	Webinar Title	Registrant	Attending	Facebook View	Facebook Share	Total Num Q&A
1.	Series 5 AgroFood Productive : Enhancing Productivity and Yield in Poultry Production	258	145	324	32	10
2.	Series 6 AgroFood Productive : Important Infectious Poultry Diseases in Malaysia	328	180	384	55	31
3.	Series 7 AgroFood Productive : Epidemiology of Bird Flu: Highly Pathogenic Avian Influenza (HPAI) and its threat to Malaysia	408	255	156	94	11
4.	Series 8 AgroFood Productive : Public Health Concerns in Poultry Production	192	128	0	0	13

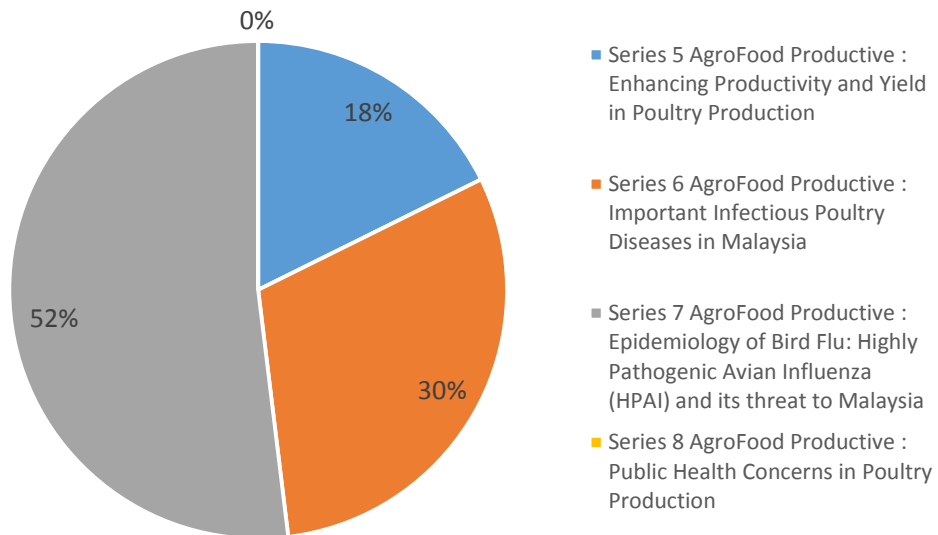
Summary of Registrant



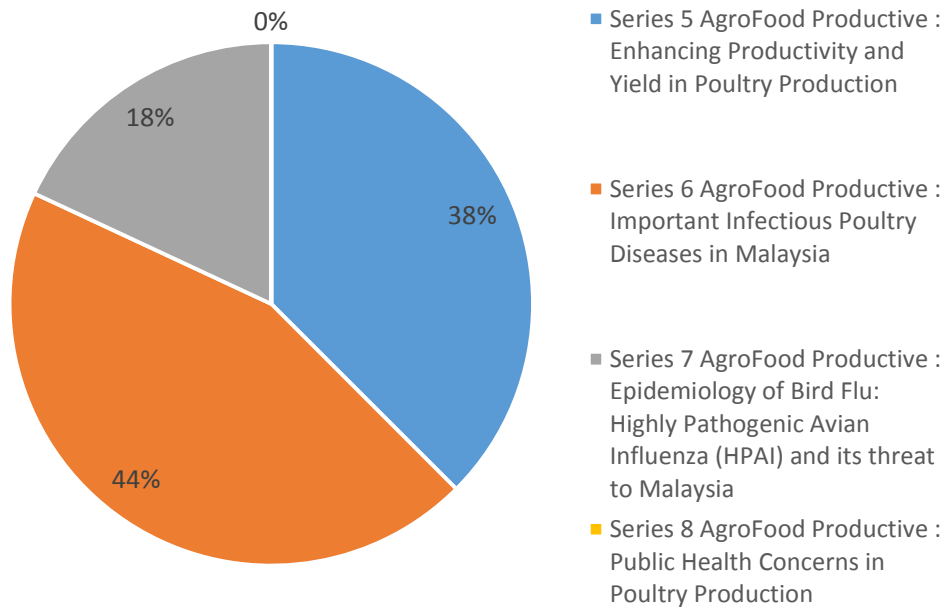
Summary of Attendees



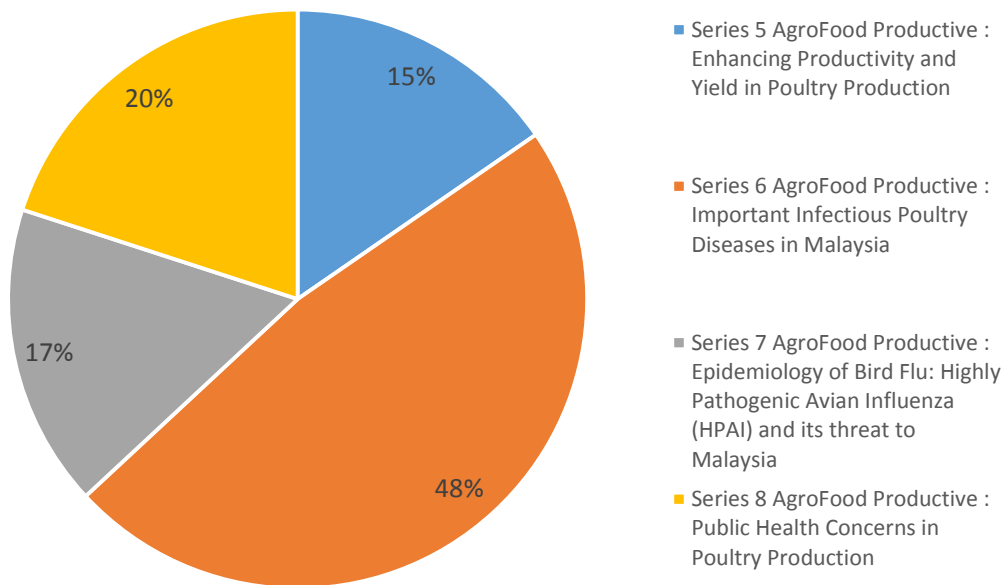
Summary of Facebook Share



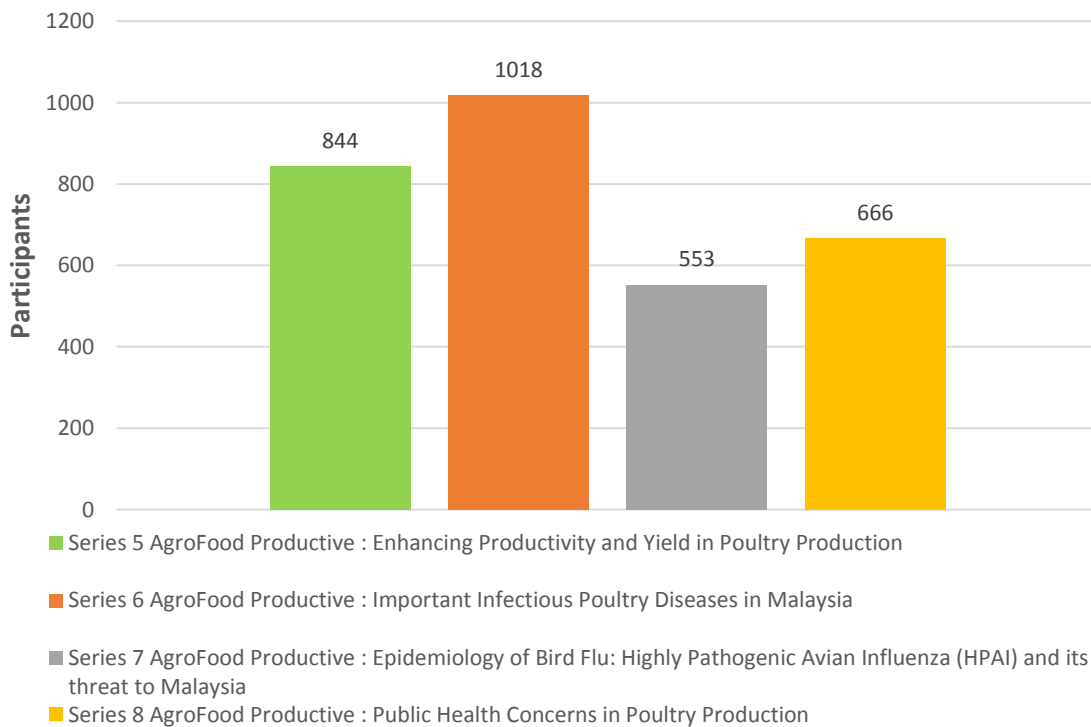
Summary of Facebook Views



Summary of Question and Answer



Summary of Participants



Appendix

AGROFOOD PRODUCTIVE:

Enhancing Productivity and Yield in Poultry Production

FREE REGISTRATION
To register please click the link or scan the QR Code
https://zoom.us/webinar/register/WN_9CBAEMUQ6ED156TFVd3g

25 NOV 2020 (WED)
11.00 A.M - 1.00 P.M

Objectives

- To discuss the key elements for successful poultry flock management.
- To demonstrate the improvement of productivity and improving financial gains in poultry farming from Good Animal Practice, biosecurity and Flock Health Management.

Moderator: Mr Chan Seng Kit, Director, K-Farm Sdn Bhd

Speakers:
Dr Mohammad Razli Abdul Razak, Head of Inspection and Veterinary Certification, DVS
Dr David Choe Di Wei, Veterinary Service Manager, Broiler M4 Malaysia
Dr Nafisah Mydin, Area Technical & Marketing Manager, Yemher Agro-Products Sdn Bhd
Dr Lee Jin Ee, Veterinary Services Manager, Core Animal Health, Malaysia Sdn Bhd

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CPD Code/s: VAMCPD-2020.305
VAM CPD Points: 1

AGROFOOD PRODUCTIVE:

IMPORTANT INFECTIOUS POULTRY DISEASES IN MALAYSIA

28 NOV 2020 **11:00 AM**

MODERATOR: DR. YAP TEOW CHONG, Technical Consultant, FLFAM

Speakers:
DATO' PROFESSOR DR. MOHD HAIR BEJO, Professor, Department of Veterinary Pathology & Microbiology, Faculty of Veterinary Medicine, UPM
PROFESSOR DR. ABDUL RAHMAN OMAR, Dean Faculty of Veterinary Medicine, UPM

OBJECTIVE

- To discuss some important poultry diseases that require greater attention by the poultry farmers.
- Propose and discuss strategies and measures for the prevention and control of these infectious diseases.

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CPD Code/s: VAMCPD-2020.306
VAM CPD Points: 1

AGROFOOD PRODUCTIVE:

EPIDEMIOLOGY OF BIRD FLU!

HIGHLY PATHOGENIC AVIAN INFLUENZA (HPAI) AND ITS THREAT TO MALAYSIA
2 DECEMBER 2020 (WEDNESDAY) | 11:00AM - 1.00PM

Moderator: Professor Dr Abdul Rahman Omar, Dean, Faculty of Veterinary Medicine, UPM

Speakers:
Dr Marcelo Tafuri Panlago, Director of Veterinary Services, Civil Animal Health Asia, Sdn Bhd
Dr Rosnah Atimah Abd Samad, Director of Veterinary Services, Department of Veterinary Services (DVS)
Dr Alma Nisah Hamid, Deputy Director General of Veterinary Health, Department of Veterinary Services (DVS)

Objectives:

- To discuss the epidemiology of HPAI and the threats that it pose to the Malaysian poultry industry.
- To explore the strategies and protocols that are necessary to control both the HPAI and the LPAI.

FREE REGISTRATION
To register please click the link or scan the QR Code
https://zoom.us/webinar/register/WN_B9hGxGZ_S8WxATN1Lrpg

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CPD Code/s: VAMCPD-2020.307
VAM CPD Points: 1

AGROFOOD PRODUCTIVE:

PUBLIC HEALTH

Concerns in Poultry Production

5 DECEMBER 2020 (Saturday)
11.00 AM - 1.00 PM

Objectives:

- To discuss the public health concerns especially on food safety, antimicrobial resistance, and environmental problems.
- To discuss the intervention measures for risk mitigation on the public health issues.

Moderator: Mr Terry Tan, President of F-AM

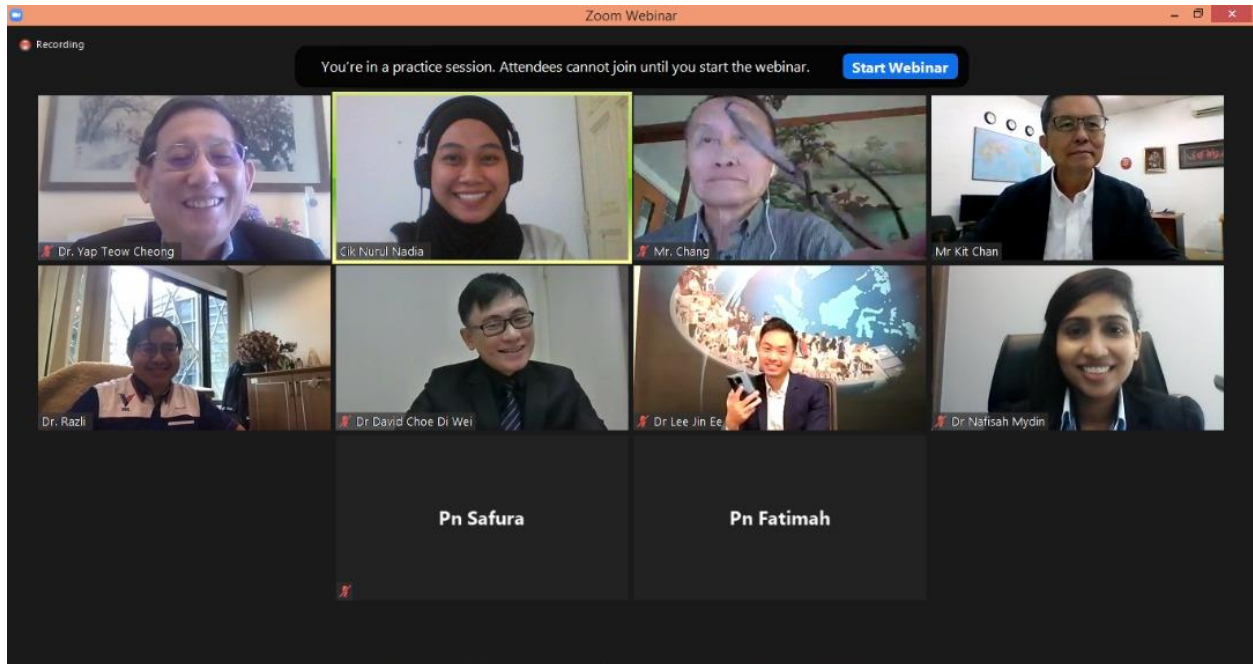
Speakers:
Dr Rohaya bt Mohd Ali, Senior Assistant Director, Food Safety of Animal Section, Veterinary Public Health Division, DVS
Dr Yap Teow Chong, Technical Consultant, FLFAM
Prof. Dr Loh TC, Deputy Director of Center of Industry, Robotics and Networks (CIRNet), UPM
Dr Tan Chee Kiang, Technical Consultant of FLFAM

Brought to you by:

Supported by:

CPD Code/s: VAMCPD-2020.308
VAM CPD Points: 1

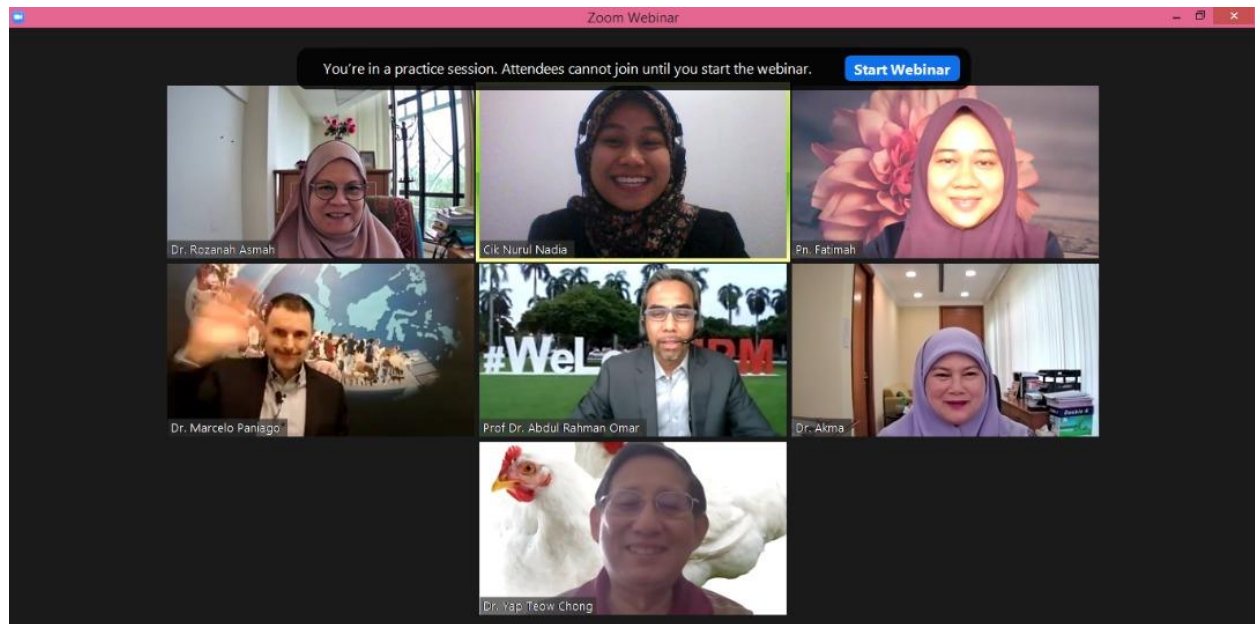
Group Photo



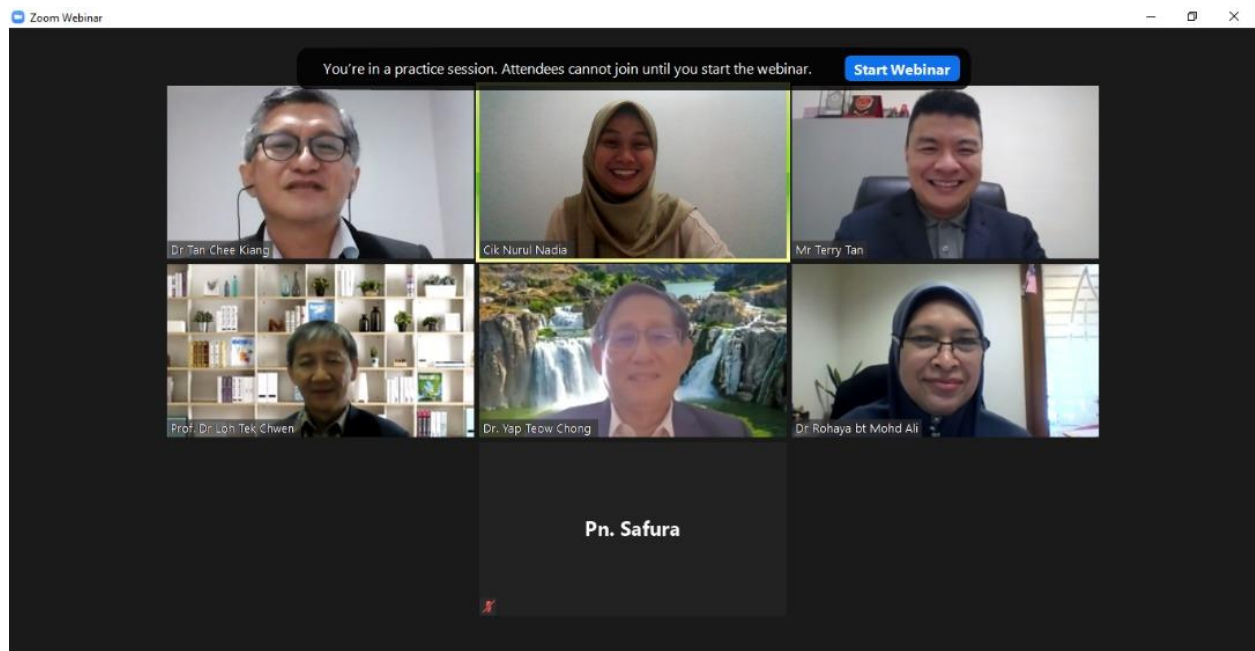
Series 5



Series 6



Series 7



Series 8

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