DISEASES PREVALENT IN THE REGION		•					ontn						diagnosis	cal comment
FINFISH DISEASES	January	February	March	April	May	June	July	August	September	October	November	December	diagnosis	numbers
OIE-listed diseases														'
1. Infection with epizootic haematopoietic necrosis virus	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
2. Infection with infectious haematopoietic necrosis virus	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
3. Infection with spring viremia of carp virus	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			I,II,III	1
Infection with viral haemorrhagic septicaemia virus	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	1		1,11,111	
Infection with Aphanomyces invadans (EUS)	-	-	-	-	-	-	-	-	-	-			I	2
6. Infection with red sea bream iridovirus	_	_	_	_	_	_		_	_	_	-		I,III	3
7. Infection with koi herpesvirus	-	-	-	-	-	-	-	-	-	-	 		I,III	4
Non OIE-listed diseases													-,	
8. Grouper iridoviral disease	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
9. Viral encephalopathy and retinopathy						<u> </u>		<u> </u>	0000	0000			III	5
	-	-	-	-	-	-	-	-	-	-	<u> </u>		111	3
10.Enteric septicaemia of catfish	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
11. Carp Edema Virus Disease	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	ļ			
12. Tilapia lake virus (TiLV)	-	-	-	-	-	-	-	-	-	-			III	6
MOLLUSC DISEASES														
OIE-listed diseases														
1. Infection with Bonamia exitiosa	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
2. Infection with <i>Perkinsus olseni</i>	-	-	-	-	-	-	-	-	-	-			III	7
3. Infection with abalone herpesvirus	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
4. Infection with <i>Xenohaliotis californiensis</i>	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
5. Infection with <i>Bonamia ostreae</i>	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
Non OIE-listed diseases	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
6. Infection with <i>Marteilioides chungmuensis</i>	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
											<u> </u>			
7. Acute viral necrosis (in scallops)	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
CRUSTACEAN DISEASES														
OIE-listed diseases														
1. Infection with Taura syndrome virus	-	-	-	-	-	-	-	-	-	-			I,III	8
2. Infection with white spot syndrome virus	-	-	+()	-	-	-	-	-	-	-			I,III	9
3. Infection with yellow head virus genotype 1	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			I,III	10
4. Infection with infectious hypodermal and haematopoietic necrosis virus	-	-	-	-	-	-	-	-	-	-			III	11
5. Infection with infectious myonecrosis virus	-	-	-	-	-	-	+()	-	-	-			III	12
6. Infection with <i>Macrobrachium rosenbergii</i> nodavirus (White Tail disease)	-	-	-	-	-	-	-	-	-	-				
7. Infection with <i>Hepatobacter penaei</i> (Necrotising hepatopancreatitis)	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
8. Acute hepatopancreatic necrosis disease (AHPND)	-	-	-	-	-	-	+()	-	-	-			III	13
9. Infection with <i>Aphanomyces astaci</i> (Crayfish plague)	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
Non OIE-listed diseases														,
10. Hepatopnacreatic Microsporidiosis caused by <i>Enterocytozoon</i>														
hepatopenaei (HPM-EHP)	+?()	+?()	+?()	+?()	-	+?()	+?()	+?()	+?()	+?()			III	14
11. Viral covert mortality disease (VCMD) of shrimps	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
12. <i>Spiroplasma eriocheiris</i> infection	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
13. Decapod iridescent virus 1 (DIV-1)	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
AMPHIBIAN DISEASES														
OIE-listed diseases														
1. Infection with <i>Ranavirus</i> species	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
2. Infection with Batrachochytrium dendrobatidis	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000				
3. Infection with Batrachochytrium salamandrivorans	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	1			
	0000	0000	0000	0000	0000	0000	0000	0000	1 0000	0000				
Prepared by:														
Name: YEO MOI EIM														
Position: SENIOR DIRECTOR, FISHERIES BIOSECURITY DIVISION														
Date: 20 DECEMBER 2024														
ANY OTHER DISEASES OF IMPORTANCE		I				1	1	1	1	1	1			
1														
2														
										•				

AQUATIC ANIMAL DISEASE REPORT - 2024

Disease status/occurrence code a/b/

Month

Epidemiologi-

cal comment

Level of

DISEASES PRESUMED EXOTIC TO THE REGION^b

LISTED BY THE OIE

Finfish: Infection with HPR-deleted or HPR0 salmon anaemia virus; Infection with salmon pancreas disease virus; Infection with *Gyrodactylus salaris*.

Malaysia

Country/territory:

DISEASES PREVALENT IN THE REGION

Molluscs: Infection with *Marteilia refringens*; *Perkinsus marinus*.

species or wildlife)

b/ If there is any changes on historical data, please highlight in RED

NOT LISTED BY THE OIE
Finfish: Channel catfish virus disease

zones ?()

a/ Please use the following occurrence code:

Occurrence code and symbol	<u>Definition</u>	Occurrence code and symbol	<u>Definition</u>
Disease present	The disease is present with clinical signs in the whole country		
+	(in domestic species or wildlife)	Disease absent	The disease was absent in the country during the reporting period (in domestic species or wildlife).
Disease limited to one or more zones +()	The disease is present with clinical signs, and limited to one or more zones/compartments (in domestic species or wildlife)	Never reported	The disease has "never been reported" (historically absent) for the whole country in domestic species and
Infection/infestation +?	Confirmed infestation or infection using diagnostic tests, but no clinical signs observed (in domestic species or wildlife)	0000	wildlife. No information is available regarding the presence or
Infection/infestation limited to one or more zones +?()	Confirmed infestation or infection using diagnostic tests, but no clinical signs observed and limited to one or more zones/compartments (in domestic species or wildlife)	No information ***	the absence of this disease during the reporting period (in domestic species or wildlife).
Disease suspected ? Disease suspected but	The presence of the disease was suspected but not confirmed (in domestic species or wildlife)		
not confirmed and	The presence of the disease was suspected but not confirmed and limited to one or more zones/compartments (in domestic		

1. Epidemiological comments:

(Comments should include: 1) Origin of the disease or pathogen (history of the disease); 2) Species affected; 3) Disease characteristics (unusual clinical signs or lesions); 4) Pathogen (isolated/sero-typed); 5) Mortality rate (high/low; decreasing/increasing); 6) Death toll (economic loss, etc); 7) Size of infected areas or names of infected areas; 8) Preventive/control measures taken; 9) Samples sent to national or international laboratories for confirmation (indicate the names of laboratories); 10) Published paper (articles in journals/website, etc). and 11) Unknown diseases: describe details as much as possible.)

Missian with greing virtues of Chain Child Chain Child Chain Child Chain Child Child Chain Child Child Chain Child Chi	Naprositive care some former of CVID (vinter Date of an extraction completion responses)	Meritan and septing internal comprises Negative serve Administry Chine Difference and the control of the contr	historian will hydreg virtual of may be the control of the control		
1 May perfect on the Action of the Control of the C	National Process of the Content of Child Straight Content on Mills on Straight Content on Mills of St	1 Signature of was the state of Control of C	Personnel Content of the Content o	Comment No.	
September on season demonstrated from the control programme	2 September was the abstract during the abstract sequences. September with real are for the minimization.	Secretaria and an electrical and policy for your constitution requested in processing and an electrical and policy and po	Supervisor was true actuated and my Darf and control flowing requirements Indirection with or optical regularization between the country of the country Indirection with or of peak fresh in control section of the country Roll bergeritary discrete (TCR) dynamic peak section of the country Roll bergeritary discrete (TCR) dynamic ped section executions or requirements And Dynamic and sea de their control fCR) dynamic ped section executions or requirements And Dynamic ped section of the country of the country Roll bergeritary discrete (TCR) dynamic ped section executions or requirements And Dynamic ped section of the country of the country Roll bergeritary discrete (TCR) dynamic ped section executions The dates of the country of the country of the country of the country of the dates of the country of	1	No positive case was detected (PCR) during DoF active surveillance programme.
Secondaries are say defended (CA) and an about activate and the control of the co	Servicinion cases was deviced (CPS) and parties was real regard to be commy. And Reprocision different (EMT) plants (CPS) and a control long programs. And Inspection of the control of	No Processor was the control (PCE) Assign Del Sange Personale specialisms	Soprative care was deviced PCR d design Del active are cellular or programma. And happenshire disease (ATT) And proportion disease on security (ATT) And proportion disease on security (ATT) And proportion disease on security (ATT) And proportion of the security (ATT) And	2	No positive case was detected during DoF active surveillance programme.
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Sequence action in control process of materials of process of the control of the of the	Segments cause was detected CPCs during to the acres was verificately expressions. Tallipsis black virtus (TL V) Tallipsis black virtus (TL V) No particles used on a discreted CPCs during the CPC segment (SPCS). A legislation was on a discreted CPCs during the CPC segment (SPCS) and Everagemen (SPCS). A legislation was described CPCs during the CPC segment (SPCS) and Everagemen (SPCS). A legislation with Profession was described CPCs during the CPC segment (SPCS). A legislation with Profession was undercoded CPCs during the CPC segment (SPCS). A legislation with Profession was undercoded CPCs during the CPC segment (SPCS). A legislation with Profession was undercoded CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segment (SPCS). B No particles cause was detected CPCs during the CPC segm	December 20 Section 1997 Section	See pasterior cost assistancia (17 Ke) shore, put has derive accordinate prey junior. The desirace is hower to execute provings in the same of pacific (18 Ke) (18 Ke). Evaluated (18 Ke) Things lake view (18 V) No positive case was detected (17 Ke) during Def acrive surveillance programme. The chance is hower to execute provision in block (18 min 2017), Cells (slig), 2017), Samenda (18 ke) The chance is hower to ware executed provision in block (18 min 2017), Cells (slig), 2017), Samenda (18 ke) The chance is hower to have executed provision in block (18 min 2017), Cells (slig), 2017), Samenda (18 ke) The chance is hower to be have executed provision in block (18 min 2017), Cells (slig), 2017), Samenda (18 ke) The chance is hower to have executed provision in the chance (18 ke) (18 ke) The chance of the chance (18 ke) that (18 ke) the chance of the chance (18 ke) (18 ke) The chance of the chance of the chance (18 ke) that (18 ke) the chance of the chance (18 ke) The chance of the chance of the chance (18 ke) that (18 ke) the chance of the chance (18 ke) The chance of	4	Koi herpesvirus disease (KHV) No positive case was detected (PCR) during DoF active surveillance programme.
Tages that with reflect The element is likewish to their centred personal to the control personal to	Supris lake view (TLV)	English blue Server (TV)	Tilgate lake virus (TLX) No positive cas was decorded (PCR) alaring Dol' series earrelliance programme. The discuss is have a sourced processor, by a Kochil (Jue 2017), Perins (Ida) 2017, Perins (Ida) 2017, Series-lak (Ida) 2017, Perins (Id	5	No positive case was detected (PCR) during DoF active surveillance programme.
No profite out was not conceded CPU, doings Did not be confirmed a norm.	Populary was was kelected (PCC) during the netwo served times programme. Infection with That are network was supposed to over 2016 he has no decident and one. Infection with That are not produced to the network of	Ne positive case was devoted PCR2 of since Def Sarbon servicilloses pregnames.	No positive case was descend (CCR) during Dol' active surrellance programme. Indiction with Turner syndrome view of LSV) No profession cases was descend (PCR) during Dol' active surrellance programme. Indiction with Turner syndrome view on an expression the custory. Indiction with Turner syndrome view on an expression the custory. Indiction with States syndrome view on an expression of the custory. Indiction with States syndrome view on an expression of the custory. Indiction with States syndrome view. I) Reported from DOP Passive Surveillance. 2) Spotice all Rectal Pression view view and discussed annual view of the custory. I) Discussed affected Treats and Treats annual view of the custory. I) Discussed affected treats annual view view of the custory. I) Discussed with the custory of the cust	6	Tilapia lake virus (TiLV) No positive case was detected (PCR) during DoF active surveillance programme. The disease is known to have occurred previously in Kedah (June 2017), Perlis (July 2017), Sarawak (July
So years was was described (VIX) is dring to Marcon was mit approach of two coverage. Infection with white page spatforms witten () Separate which was 10 Marcon years (VIX) interest and the coverage of the	8 Na province case was desented (PCP) a fairing Boff active envertiblence programme. Infection with white spots syndrome virus 3 Reported Found DCP Province virus was not represented in the country. 1 Septent found DCP Province virus 3 Province from DCP Province virus 3 Province from DCP Province virus 3 Province from DCP Province virus 4 Province from DCP Province virus 5 Province virus and some and Province virus 5 Province virus and some virus and Province virus 5 Province virus and some virus and Province virus 6 Province virus and virus some virus and virus per depth of the virus	Security cases we and selected (PCC) during the Control unrealisation programme.	8 No positive case was detected (PCR) during Dof active surveillance programme. Infection with Subte sput syndrams virus. 1) Represent from DOF Javases' Marveillance. 2) Species allegach Possers visuous and Possers monodon. 3) Thisms adjust the citizen allegach Possers was monodon. 4) Parlogacy. White Spot Syndrams Virus. 9 Calcountie from Education and Possers was monodon. 9 Names of infected access Surveilla. 8) Recountie from Education and Associated and Possers was monodon. 9 Names of infected access Surveilla. 8) Preventive-bound nearmous infection Undergoes break cycle by early harvest, daying of ponds, cleaning and disinfection of infected ponds and farming both, farmar was advised to implement biosecurity measures and stocking with WSSV regative seeds in the next cycle: 9) Laboratory confirmation Feducies Research Institute, Possers (1) Publications Rome 10) Publications Rome 11 Debit Calcous Research (PCR) during Dof next was unreliance programme. 12 Infection with yellow beds within genore per some reported in the contrary. 13 Possers was detected (PCR) during Dof next was unreliance programme. 14 Infection with infections (Ppp Advised for even wavellance programme. 15 Possers was detected (PCR) during Dof next was unreliance programme. 16 Infection with infection paper and and harmospicitie recensive virus (HINIV) 10 Represent Possers was detected (PCR) during Dof next wavellance programme. 16 Infection with infection mynogenesis virus (HINIV) 1) Represent Formation (PCR) during Dof next wavellance programme. 16 Infection with Infection mynogenesis virus (HINIV) 1) Species allowed programmes and programmes and the contrary. 10 Programmed Form JAN use an experiment of interior wavellance programmes. 11 Infection with Infection mynogenesis virus (HINIV) 1) Represent form DOF and interior wavellance programmes. 11 Possers depended on the programmes of the poster access of the p	7	No positive case was detected (PCR) during DoF active surveillance programme.
1 Reported Deep DDP Pasin's Surveyllance. 2 Populars of Method Pears of Surveyllance. 3 Populars of Method Pears of Surveyllance. 4 Popular of Method Pears of Surveyllance. 5 Popular of Method Pears of Meth	1) Reported from DOP Peanive Surveillance. 2) Species all Facial: Proteins with annual of Peanava monadors. 3) Disease signs Not-clinical sept for P. measured and white spot for P. measured and white spot for P. measured. 4) Palespeer: Whether Systemers Vince. 5) Meanity resident interests Strange. 7) Alexander function of the Strange Strange. 8) Preventive-Countrel American Strange. 8) Preventive-Countrel American Strange. 8) Preventive-Countrel American Strange. 9) Preventive-Countrel American Strange. 9) Preventive-Countrel American Strange. 9) Laboratory confirmation: Fashirica Research Institute, Pennang. 10) Publications: Nova. 10) Publications: Nova. 11 10 No positive case was destined (PSR) distilling Dof acrive surveillance programate. 12 13 14 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	11 Reported from DP Promises Streamborn. 21 Newson of March Promises constrained from Promose and whiter specified Promose shall be finded by the Promose Stream S	1) Reportal from 100 Faviors Surveillance. 2) Species affected: Pears are varantees an aff Faranses monation 3) Disease signet. No climical stop for 1' varantees and other specifier 1' monation 4) Pathogan. White Specify Supdome Visus 3) Mentality max Indianous 6) Economic loss. Utknown 7) Names of infected areas: Surveille 8) Preventivecturation transactions that Undergoes break cycle by early larvest, drying of pends, cleaning and disinfection of infected pends and faranting cook, farmer was advised to implement biosocentry measures and stocking with WSSV negative seeds in the next cycle; 9) Laboratory conformation: Federica Research Indiano, Pennag 10) Publications None 110 110 110 110 110 110 110 110 110 11	8	No positive case was detected (PCR) during DoF active surveillance programme.
No province care was defected (PCR) starting personal varies represent in the country. Infection with infections by pather and represent in the country. Infection with infections by pather and and basematoparies exercise virus (HIIIV) Infection with infections appeared and the country of the pather and the country of the pather and	10 No positive case was detected (PCR) during DoF active surveillance programme. Infection with yellow head virus genetype: I was not reported in the country. 11 Infection with infections bypodermal and haematopoietic necrosis virus (IHHN) No positive case was detected (PCR) during DoF active surveillance programme. IIIINV was known to occur previously in several states (last reported 2022) and Perak (2023). 12 Infection with Infections unyouecrosis virus (IMNV) 13 Reported from DOF active surveillance; 2) Species affected Poneus variances: 3) Discase signs: No significant sign: 4) Pethogen Infections engine control of the programme in the programme lost. Unexported: 5) Mortality rate: Unexported: 6) Identification myonecrosis virus; 5) Mortality rate: Unexported: 7) Asmert of infected areas: John 8) Prevent/vectoritor inassures taken: Undergoes break cycle by early harvest, dying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement busecurily measures and stocking with IMNV negative seeds in the next cropping: 9) Laboratory contirmation; Johor Fisheries Biosecurily Centre 10) Publicationses. Name 10) Publicationses. Name 11 NRV is known to occur previously in several states (last reported in 2022) and Sclanger (2023). 12 Acute hepatopameratic necrosis disease (AHPND) 1) Reported from DOF active aurestillance; 2) Species affected. Penaeux vanname; 3) Disease signs: No significant sign: 4) Publicationses. No significant sign: 4) Publicationses. No significant sign: 4) Publicationses the Interported; 7) Names of infected areas: Salval. 8) Preventive/control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement biosecurity measures and stocking with AHPND negative seeds in the next cropping; 9) Laboratory confirmation: Stawak Fisheries Biosecurity Centre 10) Publicationses. None	10 No. proutise case was desceled (PRTA) during Park active surveillance programme.	10 No positive case was detected (PCR) during DoF active surveillance programme. Infection with yellow head virus genotype 1 was not reported in the country. Infection with infectious hypodermal and haematopoietic necrosis virus (IIIINV) No positive case was detected (PCR) during DoF active surveillance programme. IIIINV was known to occur previously in several states (last reported 2022) and Perak (2023). Infection with Infectious myonecrosis virus (IMNV) 1) Reported from DoF active surveillance; 2) Species affected: Penuesa vannamei 3) Disease signs: No significant sign; 4) Pathogen: Infectious myonecrosis virus; 5) Mortality rate: Uureported; 10 Economic loss: Uureported; 11 Pereventive control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement biosecurity measures and stocking with IMNV negative seeds in the next cropping; 9) Laboratory confirmation: Joher Fisheries Biosecurity Centre 10) Publications: None 10 INNV is known to occur previously in several states (last reported in 2022) and Selangor (2023). Acute hepatopancreatic necrosis disease (AIIPND) 1) Reported from DoF active surveillance; 2) Species affected: Penuesa vannamei 3) Disease signs: No significant sign; 4) Publogen: Acute hepatopancreatic necrosis disease (AIIPND) 1) Reported from DoF active surveillance; 2) Species affected: Penuesa vannamei 3) Disease signs: No significant sign; 4) Publogen: Acute hepatopancreatic necrosis virus; 5) Mortality rate: Uureported; 6) Economic loss: Urreported; 7) Names of infected areas: Subah 8) Preventive/control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected	9	1) Reported from DOF Passive Surveillance. 2) Species affected: Penaeus vannamei and Penaeus monodon 3) Disease signs: No clinical sign for P. vannamei and white spot for P. monodon 4) Pathogen: White Spot Syndrome Virus 5) Mortality rate: Unknown 6) Economic loss: Unknown 7) Names of infected areas: Sarawak 8) Preventive/control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement biosecurity measures and stocking with WSSV negative seeds in the next cycle; 9) Laboratory confirmation: Fisheries Research Institute, Penang
HIN We as known to exceed was desceed (PCR) during DeF active surveillance programme. Infection with Infectious myomecrosis virus (MMV) 1 Reported from DOF active surveillance; 2 Species affected Peaceus variannei; 3) Descess appear No agrificant agre; 41 Palegoer Infectious grouncorios virus, 5) Mortally rare: Unreported; 6) American Microsoft of the Comment of	11 No positive case was detected (PCR) during DoT active surveillance programme. HHRNV was known to occur previously in several states (last reported 2022) and Perak (2023). Infection with Infectious myonecrosis virus (IMNV) 1) Reported from DOT active surveillance; 2) Species affected: Penaeus vanuance; 3) Disease signs: No significant sign; 4) Pathogen: Infectious myonecrosis virus; 5) Mortality rate: Unreported; 6) Economic loss: Unreported; 7) Names of infected areas: Johor 8) Preventive/control measures taken: Undergoes break eyele by early harvest, drying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement biosecurity measures and stocking with IMNV negative seeds in the next cropping; 9) Laboratory confirmation: Johor Fisheries Biosecurity Centre 10) Publications: None 11) NINVs is known to occur previously in several states (lust reported in 2022) and Selungor (2023). Acute hepatopancreatic necrosis disease (AHPND) 1) Reported from DOT active surveillance; 2) Species affected Penaeus vannanci 3) Disease signs: No significant sign: 4) Pathogen: Acute hepatopancreatic necrosis virus; 5) Mortality rate: Unreported: 7) Names of infected areas: Sabah 8) Preventive/cutrol measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement biosecurity measures and stocking with AHPND negative seeds in the next cropping; 9) Laboratory confirmation: Sarawak Fisheries Biosecurity Centre 10) Publications: None	1 No positive case was detected (PCR) during DoF active surveillance programme: Infection with Infections myonecrosis virus (IMNV) 1 Reported from DOF active surveillance; 2.1 Species affected Penears varianted 3.1 Desces suggest on supplicant signs; 4 Pathoge, Infections any postcrosis virus; 5.1 Mornally rate: Untroproted; 7 Names of infected axeas. John during and the production of the process of the pr	111 No positive case was detected (PCR) during DoF active surveillance programme. IHHNV was known to occur previously in several states (last reported 2022) and Perak (2023). Infection with Infectious myonecrosis virus (IMNV) 1) Reported from DoF active surveillance; 2) Species affected: Penacus vannamei 3) Diesnes signs: No significant sign; 4) Pathogen: Infectious myonecrosis virus; 5) Mortality rate: Unreported; 6) Economic loss: Unreported; 7) Names of infected areas: John 8) Preventive control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement biosecurity measures and stocking with IMNV negative seeds in the next eropping: 9) Laboratory confirmation: Johor Fisheries Biosecurity Centre 10) Publications: None 11MNV is known to occur previously in several states (last reported in 2022) and Sclangor (2023). Acute hepatopancreatic necrosis disease (AHPND) 1) Reported from DoF active surveillance; 2) Species affected: Penacus vannamei 3) Diesnes signs: No significant sign; 4) Pathogen: Acute hepatopancreatic necrosis virus; 5) Mortality rate: Unreported; 13 6) Economic loss: Unreported; 7) Names of infected areas: Sabah 8) Preventive/control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected	10	No positive case was detected (PCR) during DoF active surveillance programme.
1) Reported from DOF active surveillance; 2) Species affected. Penesse variannes; 3) Disease signs. No significant sign; 4) Pathogen: Infection ymposterosis strus; 5) Mortality rate: Unreported; 6) Renownic lose: Unreported; 7) Nimes of infacted areas: Jubar 3) Preventive control measures taken Undergoes break cycle by early harvest, drying of ponds, cleaning and distintection of infected ponds and farming book, farmer was advised to implement biosecurity measures and stocking with IMNV negative seeds in the next cropping; 9) Laborabory confirmation: Morte Fisheries Biosacurity Centrus; 10) Publications: None IMNV is known to occur previously in several states (last reported in 2022) and Sclanger (2023). Acute hepatopaacreatic necrosis disease (AHPND) 1) Reported from DOF active surveillance; 2) Species affected. 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Acute hepatopancreatic necrosis disease (AHPND) 1) Reported from DOF active surveillance; 2) Species affected Francus variantame; 3) Disease signs: No significant signs; 4) Pathogen: Acute hepatopancreatic necrosis virus; 5) Murvality rate: Unreported; 7) Names of infected areas: Stable 8) Preventive/control measures taken: Undergoes break cycle by early harvest, drying of punds, cleaning and disinfection of infected proach and farming tools, furner was advised to implement bissecurity measures and stocking with AIIPND negative seeds in the next cropping; 9) Laboratory confinition assurance slaten: Undergoes break cycle by early harvest, drying of punds, cleaning and disinfection of infected proach and farming tools, furner was advised to implement bissecurity measures and stocking with AIIPND negative seeds in the next cropping; 9) Laboratory confinition is Stanwak Interfaces Biosocautry Center 10) Paldication: None AIIIPND is known to causer previously in several states (last reported 2022) and Johen (2023). 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P	1) Reported from DOF active surveillance; 2) Species affected: Penaeus vannamei 3) Disease signs: No significant sign; 4) Pathogen: Infectious myonecrosis virus; 5) Mortality rate: Unreported; 6) Economic loss: Unreported; 7) Names of infected areas: Johor 8) Preventive donor misses advised to implement biosecurity measures and stocking with IMNV negative seeds in the next cropping; 9) Laboratory confirmation: Johor Fisheries Biosecurity Centre 10) Publications: None 1MNV is known to occur previously in several states (last reported in 2022) and Selangor (2023). **Acute hepatopancreatic necrosis disease (AHPND) 1) Reported from DOF active surveillance; 2) Species affected: Penaeus vannamei 3) Disease signs: No significant sign; 4) Pathogen: Acute hepatopancreatic necrosis virus; 5) Mortality rate: Unreported; 6) Economic loss: Unreported; 7) Names of infected areas: Sabah 8) Preventive/control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected	11	No positive case was detected (PCR) during DoF active surveillance programme.
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1) Reported from DOF active surveillance; 2) Species affected: <i>Penaeus vannamei and Litopenaeus monodon;</i> 3) Disease signs: No significant sign; 4) Pathogen: <i>Enterocytozoon hepatopenaei;</i> 5) Mortality rate: Unreported; 6) Economic loss: Unreported; 7) Names of infected areas: Negeri Sembilan, Melaka, Perak, Terengganu, Johor, Selangor, Kedah and Sarawak 8) Preventive/control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement biosecurity measures and stocking with EHP negative seeds in the next cropping; 9) Laboratory confirmation: Kedah Fisheries Biosecurity Center, Sarawak Fisheries Biosecurity Centre, Johor Fisheries Biosecurity Centre;		1) Reported from DOF active surveillance; 2) Species affected: <i>Penaeus vannamei and Litopenaeus monodon</i> ; 3) Disease signs: No significant sign; 4) Pathogen: <i>Enterocytozoon hepatopenaei</i> ; 5) Mortality rate: Unreported; 6) Economic loss: Unreported; 7) Names of infected areas: Negeri Sembilan, Melaka, Perak, Terengganu, Johor, Selangor, Kedah and Sarawak 8) Preventive/control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement biosecurity measures and stocking with EHP negative seeds in the next cropping; 9) Laboratory confirmation: Kedah Fisheries Biosecurity Center, Sarawak Fisheries Biosecurity Centre, Johor Fisheries Biosecurity Centre;	9) Laboratory confirmation: Sarawak Fisheries Biosecurity Centre 10) Publications: None	13	1) Reported from DOF active surveillance; 2) Species affected: Penaeus vannamei 3) Disease signs: No significant sign; 4) Pathogen: Acute hepatopancreatic necrosis virus; 5) Mortality rate: Unreported; 6) Economic loss: Unreported; 7) Names of infected areas: Sabah 8) Preventive/control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement biosecurity measures and stocking with AHPND negative seeds in the next cropping; 9) Laboratory confirmation: Sarawak Fisheries Biosecurity Centre 10) Publications: None
HPM-EHP is known to occur previously in the states of Selangor, Sarawak, Kedah, Pahang and Johor(last reported 2023).	1) Reported from DOF active surveillance; 2) Species affected: Penaeus vannamei and Litopenaeus monodon; 3) Disease signs: No significant sign; 4) Pathogen: Enterocytozoon hepatopenaei; 5) Mortality rate: Unreported; 6) Economic loss: Unreported; 7) Names of infected areas: Negeri Sembilan, Melaka, Perak, Terengganu, Johor, Selangor, Kedah and Sarawak 8) Preventive/control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement biosecurity measures and stocking with EHP negative seeds in the next cropping; 9) Laboratory confirmation: Kedah Fisheries Biosecurity Center, Sarawak Fisheries Biosecurity Centre, Johor Fisheries Biosecurity Centre; 10) Publications: None		1) Reported from DOF active surveillance; 2) Species affected: <i>Penaeus vannamei and Litopenaeus monodon;</i> 3) Disease signs: No significant sign; 4) Pathogen: <i>Enterocytozoon hepatopenaei;</i> 5) Mortality rate: Unreported; 6) Economic loss: Unreported; 7) Names of infected areas: Negeri Sembilan, Melaka, Perak, Terengganu, Johor, Selangor, Kedah and Sarawak 8) Preventive/control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement biosecurity measures and stocking with EHP negative seeds in the next cropping;		1) Reported from DOF active surveillance; 2) Species affected: Penaeus vannamei and Litopenaeus monodon; 3) Disease signs: No significant sign; 4) Pathogen: Enterocytozoon hepatopenaei; 5) Mortality rate: Unreported; 6) Economic loss: Unreported; 7) Names of infected areas: Negeri Sembilan, Melaka, Perak, Terengganu, Johor, Selangor, Kedah and Sarawak 8) Preventive/control measures taken: Undergoes break cycle by early harvest, drying of ponds, cleaning and disinfection of infected ponds and farming tools, farmer was advised to implement biosecurity measures and stocking with EHP negative seeds in the next cropping; 9) Laboratory confirmation: Kedah Fisheries Biosecurity Center, Sarawak Fisheries Biosecurity Centre, Johor Fisheries Biosecurity Centre and Selangor Fisheries Biosecurity Centre; 10) Publications: None HPM-EHP is known to occur previously in the states of Selangor, Sarawak, Kedah, Pahang and Johor(last reported 2023).
THE PARTY OF THE P		2. New aquatic animal health regulations introduced within past six months (with effective date):	10) Publications: None HPM-EHP is known to occur previously in the states of Selangor, Sarawak, Kedah, Pahang and Johor(last reported 2023).		mai nearm regulations introduced within dast six months (with effective date):