

Appendix Item 1 - DRAFT HENDRA Risk Management for Organisers

No	Question	No	Action	Yes	Action
1	Do you have a treating Veterinarian <u>on the grounds</u> during the competition / event and the contact number is displayed for all participants and officials?				e.g. Discuss with the Veterinarian prior to the competition / event all details of your planned RM. Go to question 3
2	Do you have a treating Vet or Vet Clinic <u>on call</u> and an all hours contact number is displayed for all participants and officials?		e.g. All competitions / events MUST arrange at a minimum to have a Veterinarian on call. Details of the RM must be discussed with the Veterinarian or Vet Clinic.		
3	Do participants enter prior to the competition / event?		e.g. Arrange for all participants to register on arrival, providing permanent residency PIC and information about where the horse/s have been prior to the competition / event		e.g. Check that all participants entered all the required details, including PIC, address postcode and EA registration No or Microchip number. If entries taken via Nominate, run the Hendra vaccination status report for horses entered.
4	Does the OC have a Microchip reader?		e.g. A chip reader will be borrowed or leave blank		e.g. Ensure you have new batteries
5	Are only EA registered horses allowed to participate in the competition / event?		e.g. Record details for horses that are not EA registered, including PIC and address.		e.g. Run any entries that were not 'prior entered' through the Zoetis look up and keep records.
6	Are the grounds locked prior to the start of the competition / event and after the competition / event?		e.g. Ensure that any horses on the grounds prior to the start of the competition / event are in an area that will not allow close contact with horses arriving for the competition / event.		e.g. Ensure that an organiser is on the grounds at the time of unlocking the gates and stays until such time that the competition / event is over and all horses have left and gates locked
7	Can horses get access to any flowering trees or shrubs? Or can floats or trucks park under flowering trees?				e.g. Bunt off all flowering trees.
8	Are there any communal watering troughs?				e.g. Bunt off or empty communal watering troughs.
9	Are dogs allowed?				e.g. All dogs must be restrained at all times.
10	Is the competition / event all on one day?		If you have answered NO to this question (10) continue to question 11		e.g. Ensure that <u>no</u> horses use stalls/yards that may be at the venue, even short term during the day. If you have answered YES to this question (10) and have actioned questions 1 to 9, you have completed the minimum RM. Although it is recommended you read questions 14 to 28.
11	Is the competition / event north of Forster NSW or in Queensland and within 150 kms of the east coast north of Forster?				
12	Do you require that all horses have current vaccination? (had at a minimum of 3 vaccinations with the last vaccination being no older than 12 months)				e.g. Ensure that all microchip numbers are run through the Zoetis database or arrive with a current certificate of vaccination. If entries are taken via Nominate, run the Hendra vaccination status report.
13	Do you require that horses coming from north of Forster NSW or in Queensland and within 150 kms of the east coast north of Forster be vaccinated?		If you have answered NO to this question (13) continue to question 14		If you have answered YES to this question (13) and you have actioned questions 1 to 12, you have completed the minimum RM. Although it is recommended you read questions 14 to 28.
No	Question		Considerations		
14	Are any horses housed in yards/stalls on the grounds for day/s or night/s?				
15	Are you able to allocate yards / stalls as per horses vaccination status				
16	Will the Vet <u>on the grounds</u> or <u>on call</u> treat all horses regardless of vaccination status?				

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17	In case a horse is suspected of having the Hendra virus, what arrangements do you have to contact the State DPI?	
18	Is a designated isolation area available for any horse/s suspected of Hendra Virus? (Minimum 10 metres buffer zone surrounding area)	
19	Is the OC aware of the venue requirements in the case of a suspected Hendra case, resulting in a Hendra exclusion area being in place?	
20	Does the OC have the financial capacity to pay ongoing venue fees in the case of a 'lockdown'?	
21	Competition / events participants will be responsible for venue fees in case of a lockdown.	
22	Does your entry system link to the Zoetis Horse4health database?	
23	Will the local Equine Clinic accept horses that are not vaccinated, if hospital treatment for injury or sickness is required?	
24	Have you assessed the risk to Stewards, Marshals and Ring Crew? And if applicable, Crash Crew for Cross-Country?	
25	Do you have facilities to wash body fluids from horses on equipment, after an accident incident, including jump poles, jump stands?	
26	Do you have a plan for Veterinary treatment of horses, dogs or other animals in a lockdown situation?	
27	Do you have a plan for horse feed in a lockdown situation?	
28	Do you have a plan for participant requirements in case of a lockdown? Food, sanitary requirements, medical needs etc.?	

Appendix Item 1a - DRAFT HENDRA Risk Management for Organisers - Example official comp over two days

No	Question	No	Action	Yes	Action
1	Do you have a treating Veterinarian <u>on the grounds</u> during the competition / event and the contact number is displayed for all participants and officials?			yes	Discuss with the Veterinarian prior to the competition / event all details of your planned RM. Go to question 3
2	Do you have a treating Vet or Vet Clinic <u>on call</u> and an all hours contact number is displayed for all participants and officials?				
3	Do participants enter prior to the competition / event?			yes	Check that all participants entered all the required details, including PIC, address postcode and EA registration No or Microchip number. If entries taken via Nominate, run the Hendra vaccination status report for horses entered.
4	Does the OC have a Microchip reader?			yes	Vet is bringing chip reader
5	Are only EA registered horses allowed to participate in the competition / event?	no	Record details for horses that are not EA registered, including PIC and address.		
6	Are the grounds locked prior to the start of the competition / event and after the competition / event?			yes	Ensure that an organiser is on the grounds at the time of unlocking the gates and stays until such time that the competition / event is over and all horses have left and gates locked
7	Can horses get access to any flowering trees or shrubs? Or can floats or trucks park under flowering trees?	no			
8	Are there any communal watering troughs?	no			
9	Are dogs allowed?	no			
10	Is the competition / event all on one day?	no	If you have answered NO to this question (10) continue to question 11		Ensure that <u>no</u> horses use stalls/yards that may be at the venue, even short term during the day. If you have answered YES to this question (10) and have actioned questions 1 to 9, you have completed the minimum RM. Although it is recommended you read questions 14 to 28.
11	Is the competition / event north of Forster NSW or in Queensland and within 150 kms of the east coast north of Forster?	no			
12	Do you require that all horses have current vaccination? (had at a minimum of 3 vaccinations with the last vaccination being no older than 12 months)	no	Only horses from North of Forster and Queensland are required to have vaccination. All have been checked through Zoetis Health4Horse		
13	Do you require that horses coming from north of Forster NSW or in Queensland and within 150 kms of the east coast north of Forster be vaccinated?		If you have answered NO to this question (13) continue to question 14	yes	All have been checked through Zoetis Health4Horse. All horses from these areas have vaccination. If you have answered YES to this question (13) and you have actioned questions 1 to 12, you have completed the minimum RM. Although it is recommended you read questions 14 to 28.
No	Question		Considerations		
14	Are any horses housed in yards/stalls on the grounds for day/s or night/s?				
15	Are you able to allocate yards / stalls as per horses vaccination status				

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16	Will the Vet <u>on the grounds</u> or <u>on call</u> treat all horses regardless of vaccination status?		
17	In case a horse is suspected of having the Hendra virus, what arrangements do you have to contact the State DPI?		
18	Is a designated isolation area available for any horse/s suspected of Hendra Virus? (Minimum 10 metres buffer zone surrounding area)		
19	Is the OC aware of the venue requirements in the case of a suspected Hendra case, resulting in a Hendra exclusion area being in place?		
20	Does the OC have the financial capacity to pay ongoing venue fees in the case of a 'lockdown'?		
21	Competition / events participants will be responsible for venue fees in case of a lockdown.		
22	Does your entry system link to the Zoetis Horse4health database?		
23	Will the local Equine Clinic accept horses that are not vaccinated, if hospital treatment for injury or sickness is required?		
24	Have you assessed the risk to Stewards, Marshals and Ring Crew? And if applicable, Crash Crew for Cross-Country?		
25	Do you have facilities to wash body fluids from horses on equipment, after an accident incident, including jump poles, jump stands?		
26	Do you have a plan for Veterinary treatment of horses, dogs or other animals in a lockdown situation?		
27	Do you have a plan for horse feed in a lockdown situation?		
28	Do you have a plan for participant requirements in case of a lockdown? Food, sanitary requirements, medical needs etc.?		

Appendix Item 1b - DRAFT HENDRA Risk Management for Organisers - Example comp over two days at Ag Show

No	Question	No	Action	Yes	Action
1	Do you have a treating Veterinarian <u>on the grounds</u> during the competition / event and the contact number is displayed for all participants and officials?	no			
2	Do you have a treating Vet or Vet Clinic <u>on call</u> and an all hours contact number is displayed for all participants and officials?			yes	We have Vet on call
3	Do participants enter prior to the competition / event?	no	All participants register on arrival, providing residency and PIC		
4	Does the OC have a Microchip reader?	no	Club to borrow		
5	Are only EA registered horses allowed to participate in the competition / event?	no	All participants register on arrival, providing residency and PIC		
6	Are the grounds locked prior to the start of the competition / event and after the competition / event?	no	Ensure that any horses on the grounds prior to the start of the competition / event are in an area that will not allow close contact with horses arriving for the competition / event.		
7	Can horses get access to any flowering trees or shrubs? Or can floats or trucks park under flowering trees?			yes	Bunt off all flowering trees.
8	Are there any communal watering troughs?			yes	Bunt off or empty communal watering troughs.
9	Are dogs allowed?			yes	All dogs must be restrained at all times.
10	Is the competition / event all on one day?	no	If you have answered NO to this question (10) continue to question 11		If you have answered YES to this question (10) and have actioned questions 1 to 9, you have completed the minimum RM. <i>Although it is recommended you read questions 14 to 28.</i>
11	Is the competition / event north of Forster NSW or in Queensland and within 150 kms of the east coast north of Forster?			yes	Competitors decide for themselves
12	Do you require that all horses have current vaccination? (had at a minimum of 3 vaccinations with the last vaccination being no older than 12 months)	no			
13	Do you require that horses coming from north of Forster NSW or in Queensland and within 150 kms of the east coast north of Forster be vaccinated?	no	If you have answered NO to this question (13) continue to question 14		If you have answered YES to this question (13) and you have actioned questions 1 to 12, you have completed the minimum RM. <i>Although it is recommended you read questions 14 to 28.</i>
No	Question		Considerations		
14	Are any horses housed in yards/stalls on the grounds for day/s or night/s?		yes		
15	Are you able to allocate yards / stalls as per horses vaccination status		no status is not known		
16	Will the Vet <u>on the grounds</u> or <u>on call</u> treat all horses regardless of vaccination status?		Don't know		
17	In case a horse is suspected of having the Hendra virus, what arrangements do you have to contact the State DPI?		None		

DRAFT HENDRA Risk Management for Organisers - Example comp over two days at Ag Show

18	Is a designated isolation area available for any horse/s suspected of Hendra Virus? (Minimum 10 metres buffer zone surrounding area)	We have bunting / posts as maybe required
19	Is the OC aware of the venue requirements in the case of a suspected Hendra case, resulting in a Hendra exclusion area being in place?	not aware
20	Does the OC have the financial capacity to pay ongoing venue fees in the case of a 'lockdown'?	no
21	Competition / events participants will be responsible for venue fees in case of a lockdown.	possibly
22	Does your entry system link to the Zoetis Horse4health database?	no
23	Will the local Equine Clinic accept horses that are not vaccinated, if hospital treatment for injury or sickness is required?	no
24	Have you assessed the risk to Stewards, Marshals and Ring Crew? And if applicable, Crash Crew for Cross-Country?	They can provide their own Personal Protection Equipment if they are worried
25	Do you have facilities to wash body fluids from horses on equipment, after an accident incident, including jump poles, jump stands?	No
26	Do you have a plan for Veterinary treatment of horses, dogs or other animals in a lockdown situation?	no
27	Do you have a plan for horse feed in a lockdown situation?	no
28	Do you have a plan for participant requirements in case of a lockdown? Food, sanitary requirements, medical needs etc.?	no

Appendix Item 1c - DRAFT HENDRA Risk Management for Organisers - Example Club day with 20 horses

No	Question	No	Action	Yes	Action
1	Do you have a treating Veterinarian <u>on the grounds</u> during the competition / event and the contact number is displayed for all participants and officials?	no			
2	Do you have a treating Vet or Vet Clinic <u>on call</u> and an all hours contact number is displayed for all participants and officials?	yes	vet on call		
3	Do participants enter prior to the competition / event?	no			
4	Does the OC have a Microchip reader?	no			
5	Are only EA registered horses allowed to participate in the competition / event?	no			
6	Are the grounds locked prior to the start of the competition / event and after the competition / event?	no	Ensure that any horses on the grounds prior to the start of the competition / event are in an area that will not allow close contact with horses arriving for the competition / event.		
7	Can horses get access to any flowering trees or shrubs? Or can floats or trucks park under flowering trees?	no			
8	Are there any communal watering troughs?			yes	Bunt off or empty communal watering troughs.
9	Are dogs allowed?			yes	All dogs must be restrained at all times.
10	Is the competition / event all on one day?		If you have answered NO to this question (10) continue to question 11	yes	If you have answered YES to this question (10) and have actioned questions 1 to 9, you have completed the minimum RM. <i>Although it is recommended you read questions 14 to 28.</i>
11	Is the competition / event north of Forster NSW or in Queensland and within 150 kms of the east coast north of Forster?				
12	Do you require that all horses have current vaccination? (had at a minimum of 3 vaccinations with the last vaccination being no older than 12 months)				
13	Do you require that horses coming from north of Forster NSW or in Queensland and within 150 kms of the east coast north of Forster be vaccinated?		If you have answered NO to this question (13) continue to question 14		If you have answered YES to this question (13) and you have actioned questions 1 to 12, you have completed the minimum RM. <i>Although it is recommended you read questions 14 to 28.</i>
No	Question	Considerations			
14	Are any horses housed in yards/stalls on the grounds for day/s or night/s?				
15	Are you able to allocate yards / stalls as per horses vaccination status				
16	Will the Vet <u>on the grounds</u> or <u>on call</u> treat all horses regardless of vaccination status?				
17	In case a horse is suspected of having the Hendra virus, what arrangements do you have to contact the State DPI?				
18	Is a designated isolation area available for any horse/s suspected of Hendra Virus? (Minimum 10 metres buffer zone surrounding area)				

DRAFT HENDRA Risk Management for Organisers - Example Club day with 20 horses

19	Is the OC aware of the venue requirements in the case of a suspected Hendra case, resulting in a Hendra exclusion area being in place?	
20	Does the OC have the financial capacity to pay ongoing venue fees in the case of a 'lockdown'?	
21	Competition / events participants will be responsible for venue fees in case of a lockdown.	
22	Does your entry system link to the Zoetis Horse4health database?	
23	Will the local Equine Clinic accept horses that are not vaccinated, if hospital treatment for injury or sickness is required?	
24	Have you assessed the risk to Stewards, Marshals and Ring Crew? And if applicable, Crash Crew for Cross-Country?	
25	Do you have facilities to wash body fluids from horses on equipment, after an accident incident, including jump poles, jump stands?	
26	Do you have a plan for Veterinary treatment of horses, dogs or other animals in a lockdown situation?	
27	Do you have a plan for horse feed in a lockdown situation?	
28	Do you have a plan for participant requirements in case of a lockdown? Food, sanitary requirements, medical needs etc.?	

Appendix Item 2

Hendra committee

Logistical outcomes of a Hendra induced lockdown

This report only covers likely outcomes for riders and those associated with horses attending an event including organising committees.

I am aware that many of the issues raised have already been raised in a number of forums.

It may be that there have been more questions raised than answered.

There are any number of variables to be considered, and I list them for the committees consideration:

1. Who is in charge of any lockdown (the supervising vet, the organising committee, the DPI ?
2. Is the lockdown partial (restricted to a particular stable block) or is it total?
3. What are the duties and responsibilities of any relevant bodies eg EA, the state board, the OC, the supervising vet,etc?
4. In the event of a lockdown are the riders/connections locked down as well.
5. Who will attend to the horses (feed, water, walk, clean boxes,) If connections are locked out.
6. Where will riders, connections be accommodated, if locked down or if locked out, who will pay?
7. What affect could a lockdown have for connections who are employed?
8. In the event of the loss of a horse what provisions need to be in place for safe disposal
9. In a worst case scenario would we (EA, state board, OC) provide support and counselling services if required.
10. Any cost outcome will be predicated by all or some of the above.

In conclusion purely as a logistical exercise a Hendra induced lockdown does raise a number of issues costs, challenges for connections and Organising committees.

It may be that we can put actions/plans in place to address some of these issues.

Sue Mcdermott

Appendix Item 3

Hendra Advisory Panel meeting (teleconference)

22nd April 2015

J Gilkerson

The Hendra Advisory Panel is tasked with the following:

- 1. Complete a full assessment on the risk that the Hendra virus creates for EA event organisers and participants.***
- 2. Assess the concerns that have been raised around the vaccine's safety/adverse events, duration of immunity and vaccine registration*
- 3. Research the response by other industry groups to the Hendra vaccine*
- 4. Review of the revoked EA Hendra Vaccination By-Law and Equestrian Competition Hendra Biosecurity Checklist*
- 5. Present the Equestrian Australia national board with policy recommendations for the most effective way of mitigating the risk of Hendra incident occurring at an EA event, with full consideration given to reference items 1-4.*

Risks associated with Hendra virus for EA event organisers and participants

- That a horse that has been previously exposed to the virus and is in the disease incubation period is brought to an event where it develops clinical signs
- That a horse is exposed to Hendra virus at an event
- That people are exposed to an infected horse at the event
- That people suffer a financial loss associated with Hendra infection of their animal
- That people suffer a financial loss associated with the response to a case of Hendra being suspected or confirmed at an event

In the event of a horse being suspected of being a case of Hendra virus infection, event organisers are expected (by Biosecurity Queensland) to:

- Implement their contingency plan
- Ensure there is one person in charge
- Isolate the suspect horse (from humans and other animals)
- Contact your nominated veterinarian & follow their advice
 - OHS responsibilities of the vet
- Consolidate event records should they be required

Once Hendra virus infection is confirmed Biosecurity Queensland will:

- Quarantine event grounds
- Require names & contact details of people with horses on the grounds for the previous 10-16 days
- Undertake tracing to identify where the horse may have become infected & other animals that may have been exposed
- Conduct **exposure assessments*** of all species known to be susceptible (e.g. horses, dogs) on the grounds. *exposure assessment will include vaccinated horses

From the exposure assessments animals will be categorised as:

- Low interest animals
 - Assessed as no/negligible likelihood of animal being exposed to Hendra virus from the infected horse or it's environment.
 - Able to leave quarantined grounds under permit from Biosecurity Inspector
 - On-going health monitoring – notify if status changes
- Suspect response animals
 - A susceptible animal showing any sign of illness consistent with current knowledge of Hendra virus
 - Animals to be isolated (from humans and other animals)
 - Samples to be collected for Hendra virus testing asap
 - Applies to animals at the event site and animals that may have moved from the event site and have change in health status
- Close contact animals.
 - Assessed as likely or known to have been in close contact with a potential source of Hendra virus from an infected animal
 - Close contact horses are managed differently depending on whether they are vaccinated or not (risk assessment based).

Hendra virus vaccinated close contact horses:

- Animal Health Committee has determined that horses with a current Hendra virus vaccination status can be **assigned a low interest animal status**.
- Status assigned subsequent to risk assessment for carrier potential and appropriate treatment.
- With a low interest animal status, vaccinated horses will not require government regulated management such as health monitoring, laboratory testing or movement restrictions
- Able to leave quarantined grounds/properties under permit from Biosecurity Inspector.
- On-going health monitoring – notify if status changes

Unvaccinated close contact horses:

- Management of these horses as per current Biosecurity Queensland Management of Hendra virus policy
- Typically quarantined on site for three rounds of testing (0, 12, 20 days).

Appendix Item 4

Workplace Health & Safety in Each State:

NSW Work Cover – 13 10 15

- They would need to be contacted straight away if there was an incident
- “it is all about risk management and hazard identification checklists”
- They would look at what Risk Management was applied and how the risk was reduced/eliminated (in writing, i.e. a policy) and what actions the employer and or the event took to mitigate the incident.
- Referred us to the “Community Services Safety Pack” found on website www.trov.nla.gov.au (2013)
- Could shut down event in the event of an infectious event, depending on its severity and spread.

QLD Work Safety – 1300 362 128

- A vet is covered as this is their workplace
- If an outbreak would occur it would need to be reported through the website which is sent to the AAA Triage team who would appoint an Inspector to deal with the incident. Each incident is dealt with on a case by case basis – there is no set guidelines or standard actions.
- “QLD health would also need to be notified and they may have a different responses”

Appendix Item 5

1. Source documents

- i) The Community Services Safety Pack (WorkCover New South Wales): A Guide to Occupational Health and Safety, written for management committee members of community sector organisations www.trov.nla.gov.au
- ii) Health, Safety and Environment Risk Management Plan www.csiro.au

2. Definition of terms used in the Risk Assessment

CONSEQUENCE (Con) RATINGS FOR THE RISK EVENT IF IT OCCURS	
Term	Definition (examples)
Catastrophic	Single fatality Permanent or severe health effects for one or more people Significant compensation costs
Major	Extensive injuries or Serious health impacts Localised impact with significant clean-up costs Costs to competitors
Moderate	Medical treatment required and notification to authorities Localised impact with no long term damage and minimal clean-up costs
Minor	First Aid injury or Health impact Relatively minor clean-up costs
Insignificant	No injuries No notification to authorities required No immediate impact but requires some remedial action

LIKELIHOOD (Li) RATINGS OF THE RISK EVENT OCCURRING	
Term	Definition (Examples)
Almost certain	Almost certain the event will happen several times. Chronic risk with history of occurrence
Likely	Likely to occur
Possible	Has occurred with the defined consequence
Unlikely	Low probability that the situation in the defined consequences will occur
Rare	Very unlikely that the situation in the defined consequences will occur

3. Risk Matrix

LIKELIHOOD	CONSEQUENCE				
	Insignificant	Minor	Moderate	Major	Catastrophic
Almost Certain	S	S	H	H	H
Likely	M	S	S	H	H
Possible	L	M	S	H	H
Unlikely	L	L	M	S	H
Rare	L	L	M	S	S

H	High Risk
S	Significant Risk
M	Medium Risk
L	Low Risk

4. Hazard identification and assessment of Inherent Risk: Hendra virus at EA events

Explanatory notes:

Hazards 1 -6 relate to the assessment of risk of horse to human transmission of Hendra virus at an EA event.

Hazards 7-12 relate to the assessment of risk of horse to horse transmission of Hendra virus at an EA event.

Hazards 13-14 relate to the assessment of risk of Hendra virus infection occurring in a horse at an EA event, without considering transmission risk to other horses or people.

Potential consequences are typically assessed from the perspective of “worst-case” scenario, especially if there is the possibility of human health impact.

Health impacts in the context of OHS risk assessment relate to people rather than animals.

Likelihood is never considered to be zero; for the purpose of risk assessment the lowest possible category of likelihood is “rare”.

No	Hazard	Description of task/activity	Inherent Risk (IR)		
			Con	Li	IR
1	Exposure of a person to Hendra virus from an infected horse showing signs of Hendra virus disease, where the horse has been located In a “risk” area within the previous 3 to 20 days ^{1,2}	Handling, husbandry, or care involving contact with infected materials, secretions, or excretions of the infected horse including fluids from the nose, mouth, blood, urine or feces	Catastrophic	Unlikely ³	High
2	Exposure of a person to Hendra virus from an infected horse late in its incubation period and prior to the onset of signs Hendra virus disease, where the horse has been located In a “risk” area within the previous 3 to 20 days	Handling, husbandry, or care involving contact with infected materials, secretions, or excretions of the infected horse including fluids from the nose, mouth, blood, urine or feces	Catastrophic	Unlikely	High
3	Exposure of a person to Hendra virus from an infected horse that does not at any point show signs of Hendra virus disease, where the horse has been located In a “risk” area within the previous 3 to 20 days	Handling, husbandry, or care involving contact with infected materials, secretions, or excretions of the infected horse including fluids from the nose and mouth, and possibly blood, urine or feces	Catastrophic	Rare	Significant
4	Exposure of a person to Hendra virus from an infected horse showing signs of Hendra virus disease, where the horse has not been located In a “risk” area within the previous 3 to 20 days	Handling, husbandry, or care involving contact with infected materials, secretions, or excretions of the infected horse including fluids from the nose, mouth, blood, urine or feces	Catastrophic	Rare	Significant
5	Exposure of a person to Hendra virus from an infected horse late in its	Handling, husbandry, or care involving contact with	Catastrophic	Rare	Significant

¹ Minimum published and maximum estimated incubation period for Hendra virus infection as described in the current draft of the Qld and NSW Response Policy Brief

² Defined as east of 150.6250°E and north of -31.0833°S and includes the location of the EA event – especially relevant for competitions that may run over several days

³ Has not yet occurred with the defined consequences at an EA event, therefore likelihood of “Unlikely” was assigned rather than “Possible”

	incubation period and prior to the onset of signs Hendra virus disease, where the horse has not been located In a “risk” area within the previous 3 to 20 days	infected materials, secretions, or excretions of the infected horse including fluids from the nose, mouth, blood, urine or feces			
6	Exposure of a person to Hendra virus from an infected horse that does not at any point show signs of Hendra virus disease, where the horse has not been located In a “risk” area within the previous 3 to 20 days	Handling, husbandry, or care involving contact with infected materials, secretions, or excretions of the infected horse including fluids from the nose and mouth, and possibly blood, urine or feces	Catastrophic	Rare	Significant
7	Exposure of another horse to Hendra virus from an infected horse showing signs of Hendra virus disease, where the infected horse has been located In a “risk” area within the previous 3 to 20 days	Close contact between horses, possibly requiring direct exchange of – for example – nasal/oral fluids; sharing of equipment, especially if it comes into contact with the nose or mouth	?Catastrophic for organisers) ?Major for competitors	Unlikely ⁴ Unlikely	High Significant
8	Exposure of another horse to Hendra virus from an infected horse late in its incubation period and prior to the onset of signs Hendra virus disease, where the infected horse has been located In a “risk” area within the previous 3 to 20 days	Close contact between horses, possibly requiring direct exchange of – for example – nasal/oral fluids; sharing of equipment, especially if it comes into contact with the nose or mouth	?Catastrophic for organisers) ?Major for competitors	Rare ⁵ Rare	Significant Significant
9	Exposure of another horse to Hendra virus from an infected horse that does not at any point show signs of Hendra virus disease, where the infected horse has been located In a “risk” area within the previous 3 to 20 days	Close contact between horses, possibly requiring direct exchange of – for example – nasal/oral fluids; sharing of equipment, especially if it comes into contact with the nose or mouth	?Catastrophic for organisers) ?Major for competitors	Rare Rare	Significant Significant
10	Exposure of another horse to Hendra virus from an infected horse showing signs of Hendra virus disease, where the infected horse has not been located In a “risk” area within the previous 3 to 20 days	Close contact between horses, possibly requiring direct exchange of – for example – nasal/oral fluids; sharing of equipment, especially if it comes into contact with the nose or mouth	?Catastrophic for organisers) ?Major for competitors	Rare Rare	Significant Significant
11	Exposure of another horse to Hendra virus from an infected horse late in its incubation period and prior to the onset of signs Hendra virus disease, where the infected horse has not been located In a “risk” area within the previous 3 to 20 days	Close contact between horses, possibly requiring direct exchange of – for example – nasal/oral fluids; sharing of equipment, especially if it comes into contact with the nose or mouth	?Catastrophic for organisers) ?Major for	Rare Rare	Significant Significant

⁴ Has not yet occurred with the defined consequences at an EA event

⁵ Hendra virus is poorly transmissible between horses, so it is reasonable to assess the likelihood as being lower than for Hazard 7 because shedding of virus is lower in Hazard 8.

			competitors		
12	Exposure of another horse to Hendra virus from an infected horse that does not at any point show signs of Hendra virus disease, where the infected horse has not been located in a “risk” area for the previous 3 to 20 days	Close contact between horses, possibly requiring direct exchange of – for example – nasal/oral fluids; sharing of equipment, especially if it comes into contact with the nose or mouth	?Catastrophic for organisers) ?Major for competitors	Rare Rare	Significant Significant
13	Occurrence of signs of Hendra virus disease in a horse , where the horse has been located in a “risk” area within the previous 3 to 20 days	Onset of fever, discomfort, weight shifting, depression, respiratory or neurological signs, often with rapid deterioration	?Catastrophic for organisers) ?Major for competitors	Unlikely Unlikely	High High
14	Occurrence of signs of Hendra virus disease in a horse , where the infected horse has not been located in a “risk” area within the previous 3 to 20 days	Onset of fever, discomfort, weight shifting, depression, respiratory or neurological signs, often with rapid deterioration	?Catastrophic for organisers) ?Major for competitors	Rare Rare	Significant Significant

5. Risk management and assessment of Residual Risk: Hendra virus at EA events

Risks must be controlled, with priority given according to the assessed level of inherent risk. Several types of control may be applied, and these are listed below in decreasing order of efficacy. The aim of controls is to reduce the inherent risk, resulting in a lower level of Residual Risk. Residual Risk is the final assessed level of risk for the activity or event, and the one in which people will agree to operate on a routine basis.

1. Eliminate the hazard or risk (e.g. remove horses from equestrian events) - so a non-starter in this case!
2. Isolate the hazard (not practical as a single control, as affected horses still need to be cared for)
4. Design in safety (e.g. vaccination)
5. Change work methods
6. Use personal protective equipment

Controls that appear higher in the list are preferred forms of control compared to those lower in the list. Note that controls which rely on human behaviour (5,6) are the least preferred.

It is important not to get too hung up on the terminology: the key point is to work out for each Hazard which controls are going to be effective in reducing Residual Risk compared to Inherent Risk. Where this is likely to be achieved by the suggested controls, the Residual Risk is in larger bold font.

No	Specific Hazard	Inherent risk (from 3)	Controls (if effective, will improve consequences or reduce likelihood)	Residual Risk (RR)		
				C	L	RR
1	Exposure of a person to Hendra virus from an infected horse showing signs of Hendra virus disease, where the horse has been located in a "risk" area within the previous 3 to 20	High	Controls during EA events with the aim of reducing the likelihood of exposure of horses to flying foxes: i) Remove access of horses to flowering trees or shrubs ⁶ ii) No float or truck parking under flowering trees ⁶ iii) No housing of horses in uncovered yards overnight ⁶ -----	Cat	Unlikely	High ⁹
				-----	-----	-----

⁶ Although well-intentioned, I am not sure that these controls have been shown to have any impact. This is for two reasons. Firstly, the minimum recorded incubation period for Hendra virus of 3 to 4 days and so, depending on the duration of the competition, it may be more likely that any infected horse found at an EA event will have caught its infection before entering the event grounds. Also, we still don't really know how horses catch the infection from bats. To my knowledge there is no data to show that these controls reduce the chance of horses being exposed to Hendra virus from bats. However, for the purpose of this risk assessment I have estimated their benefit in reducing likelihood down from "Possible" to "Unlikely". This provides a "best case" scenario which is probably a bit too generous based on available data.

⁹ Note because there is no evidence that the controls have any benefit, when they are used there is no reduction in Residual Risk compared to the original Inherent Risk

	days		<p>Controls during EA events with the aim of reducing the likelihood of exposure of people to infectious material from a diseased horse with the potential of having Hendra virus:</p> <ul style="list-style-type: none"> i) Immediate and effective isolation of affected horses 24/7 including ability to decontaminate and/or safely dispose of all materials leaving the isolation area ii) Immediate access to appropriately trained and competent staff, including in the maintenance and use of Personal Protective Equipment and its decontamination on exiting the isolation area⁷ <p><i>Note:</i> If a diagnosis of Hendra virus infection is subsequently confirmed in a diseased horse, then additional controls may be applied with the aim of reducing ongoing opportunity for human exposure from the infected animal(s), conducting trace-backs and trace-forwards, or instituting post-exposure treatment. However, by this time the grounds will have deferred to Qld or NSW animal and human health quarantine control.</p> <p>-----</p> <p>One control may be applied prior to an EA event that will reduce the likelihood that a horse will develop Hendra virus disease during the event:</p> <ul style="list-style-type: none"> i) Horse vaccinated with 2 vaccines at least 3 weeks apart within the past 6 months ii) Horse vaccinated with 3 vaccines (including first 6mth booster) within the past 18 months⁸ 	Cat	Rare	Sig
				-----	-----	-----
				Cat	Rare	Sig ¹⁰
2	Exposure of a person to Hendra virus from an infected horse late in its	High	<p>Controls during EA events with the aim of reducing the likelihood of exposure of horses to flying foxes:</p> <ul style="list-style-type: none"> iv) Remove access of horses to flowering trees or shrubs 	Cat	Unlikely	High

⁷ To be effective these controls rely on meticulous following of protocols and are therefore a lower order form of control. They also provide no benefit for people who handle the horse in the time between the first signs of illness appear and when the control protocols are instituted. This issue is further addressed under Hazard Number 2 below

⁸ Some fine-tuning of this wording will be required for a final version of the document

¹⁰ Risk reduction is from High down to Significant. Note that this is the maximum risk reduction possible for the defined hazard of Hendra virus exposure, because the potential consequences are always "catastrophic". It also involves the application of a higher order control that does not rely on strict infection control protocols. There is an additional a welfare benefit to the horse by reducing its infection risk.

	incubation period and prior to the onset of signs Hendra virus disease, where the horse has been located In a “risk” area within the previous 3 to 20 days		v) No float or truck parking under flowering trees vi) No housing of horses in uncovered yards overnight ----- Controls during EA events with the aim of reducing the likelihood of exposure of people to infectious material from an infected horse which is not yet showing signs of disease, or which is showing early signs of illness but has not yet been moved to isolation. These routine infection control procedures might include: i) Hand washing after contact with each horse ii) Use of personal protective equipment on a routine basis such as gloves/eye protection/face shield iii) Correct cleaning and disinfection of shared equipment ----- One control may be applied prior to an EA event that will reduce the likelihood that a horse will develop Hendra virus infection during the event: i) Horse vaccinated with 2 vaccines at least 3 weeks apart within the past 6 months ii) Horse vaccinated with 3 vaccines (including first 6mth booster) within the past 18 months	----- Cat ----- ----- Cat -----	----- Unlikely ¹¹ ----- ----- Rare -----	----- High ----- ----- Sig -----
3	Exposure of a person to Hendra virus from an infected horse that does not at any point show signs of Hendra virus disease, where the horse has been located In a “risk” area within the previous 3 to 20 days	Sig	When all controls above are applied, there is no reduction in Residual Risk	Cat	Rare	Sig
4	Exposure of a person to Hendra virus from an infected horse showing signs of Hendra virus disease, where the horse has not been located In a “risk” area	Sig	When all controls above are applied, there is no reduction in Residual Risk	Cat	Rare	Sig

¹¹ Likelihood remains as “Unlikely rather than “Rare”, because infection control procedures are unlikely to be meticulously observed for this Hazard

	within the previous 3 to 20 days					
5	Exposure of a person to Hendra virus from an infected horse late in its incubation period and prior to the onset of signs Hendra virus disease, where the horse has not been located In a “risk” area within the previous 3 to 20 days	Sig	When all controls above are applied, there is no reduction in Residual Risk	Cat	Rare	Sig
6	Exposure of a person to Hendra virus from an infected horse that does not at any point show signs of Hendra virus disease, where the horse has not been located In a “risk” area within the previous 3 to 20 days	Sig	When all controls above are applied, there is no reduction in Residual Risk	Cat	Rare	Sig
7	Exposure of another horse to Hendra virus from an infected horse showing signs of Hendra virus disease, where the infected horse has been located In a “risk” area within the previous 3 to 20 days	High	<p>One control may be applied prior to an EA event that will reduce the <u>consequences</u> in a horse exposed to Hendra virus:</p> <ul style="list-style-type: none"> i) If the horse has been vaccinated with 2 vaccines at least 3 weeks apart within the past 6 months ii) If the horse has been vaccinated with 3 vaccines (including first 6mth booster) within the past 18 months <p>-----</p> <p>Controls during EA events with the aim of reducing the <u>likelihood</u> of exposure of horses to infectious material from a diseased horse with the potential of having Hendra virus:</p> <ul style="list-style-type: none"> i) Immediate and effective isolation of diseased horses 24/7 including ability to decontaminate and/or safely dispose of all materials leaving the isolation area 	<p>Insignific ant</p> <p>-----</p> <p>Cat or Maj</p>	<p>Possible</p> <p>-----</p> <p>Unlikely Unlikely</p>	<p>Low</p> <p>-----</p> <p>High Sig</p>

			vii) Immediate access to appropriately trained and competent staff, including in the maintenance and use of Personal Protective Equipment and its decontamination on exiting the isolation area			
8	Exposure of another horse to Hendra virus from an infected horse late in its incubation period and prior to the onset of signs Hendra virus disease, where the infected horse has been located in a “risk” area within the previous 3 to 20 days	High for organisers Significant for competitor	<p>Controls during EA events with the aim of reducing the <u>likelihood</u> of exposure of other horses to infectious material from an infected horse which is not yet showing signs of disease, or which is showing early signs of illness but has not yet been moved to isolation. These routine infection control procedures might include:</p> <ul style="list-style-type: none"> i) Hand washing after contact with each horse ii) Use of personal protective equipment on a routine basis such as gloves/eye protection/face shield iii) Correct cleaning and disinfection of shared equipment <hr/> <p>One control may be applied prior to an EA event that will reduce the <u>consequences</u> for horses exposed to Hendra virus infection during the event:</p> <ul style="list-style-type: none"> i) Horse vaccinated with 2 vaccines at least 3 weeks apart within the past 6 months ii) Horse vaccinated with 3 vaccines (including first 6mth booster) within the past 18 months 	<p>Cat or Maj</p> <hr/> <p>Insignificant</p>	<p>Rare Rare</p> <hr/> <p>Unlikely</p>	<p>Sig</p> <p>Sig</p> <hr/> <p>Low</p>
9	Exposure of another horse to Hendra virus from an infected horse that does not at any point show signs of Hendra virus disease, where the infected horse has been located in a “risk” area within the previous 3 to 20 days	Significant	As for 8			
10	Exposure of another horse to Hendra virus from an infected horse showing signs of Hendra virus disease, where the infected horse	Significant	As for 8			

	has not been located in a "risk" area within the previous 3 to 20 days					
11	Exposure of another horse to Hendra virus from an infected horse late in its incubation period and prior to the onset of signs of Hendra virus disease, where the infected horse has not been located in a "risk" area within the previous 3 to 20 days	Significant	As for 8			
12	Exposure of another horse to Hendra virus from an infected horse that does not at any point show signs of Hendra virus disease, where the infected horse has not been located in a "risk" area for the previous 3 to 20 days	Significant	As for 8			
13	Occurrence of signs of Hendra virus disease in a horse , where the horse has been located east of 150.6250°E and north of 31.0833°S within the previous 3 to 20 days	High	One control may be applied prior to an EA event that will reduce the <u>likelihood</u> of Hendra virus disease arising in a horse during any EA event: i) Horse vaccinated with 2 vaccines at least 3 weeks apart within the past 6 months ii) Horse vaccinated with 3 vaccines (including first 6mth booster) within the past 18 months	?Catastrophic for organiser ?Major for Competitor	Rare Rare	Sig Sig
14	Occurrence of signs of Hendra virus disease in a horse , where the infected	Significant	One control may be applied prior to an EA event that will reduce the <u>likelihood</u> of Hendra virus disease arising in a horse during any EA event:	?Catastrophic for organiser	Rare	Sig ¹²

¹² No reduction in residual risk when the control (vaccination) is applied to horses in Hazard 14.

	horse has been located west of 150.6250°E and south of 31.0833°S for the previous 3 to 20 days		i) Horse vaccinated with 2 vaccines at least 3 weeks apart within the past 6 months ii) Horse vaccinated with 3 vaccines (including first 6mth booster) within the past 18 months	?Major for competit or	Rare	Sig
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Appendix Item 5a

DRAFT HENDRA Risk Management for Organisers

No	Question	Action
1	Do you have a treating Veterinarian <u>on the grounds</u> during the competition / event and the contact number is displayed for all participants and officials? YES <input type="checkbox"/> NO <input type="checkbox"/>	
2	Do you have a treating Vet or Vet Clinic <u>on call</u> and an all hours contact number is displayed for all participants and officials? YES <input type="checkbox"/> NO <input type="checkbox"/>	
3	Do participants enter prior to the competition / event? YES <input type="checkbox"/> NO <input type="checkbox"/>	
4	Does the OC have a Microchip reader? YES <input type="checkbox"/> NO <input type="checkbox"/>	
5	Are only EA registered horses allowed to participate in the competition / event? YES <input type="checkbox"/> NO <input type="checkbox"/>	
6	Are the grounds locked prior to the start of the competition / event and after the competition / event? YES <input type="checkbox"/> NO <input type="checkbox"/>	
7	Can horses get access to any flowering trees or shrubs? Or can floats or trucks park under flowering trees? YES <input type="checkbox"/> NO <input type="checkbox"/>	
8	Are there any communal watering troughs? YES <input type="checkbox"/> NO <input type="checkbox"/>	
9	Are dogs allowed? YES <input type="checkbox"/> NO <input type="checkbox"/>	

No	Question	Action
10	Is the competition / event all on one day? YES <input type="checkbox"/> NO <input type="checkbox"/>	
<p>If you have answered <u>NO</u> to question (10) continue to question 11.</p> <p>If you have answered <u>YES</u> to question (10) and have actioned questions 1 to 9, you have completed the minimum RM.</p> <p>Although it is recommended you read questions 14 to 28.</p>		
11	Is the competition / event north of Forster NSW or in Queensland and within 150 klms of the east coast north of Forster? YES <input type="checkbox"/> NO <input type="checkbox"/>	
12	Do you require that all horses have current vaccination? (had at a minimum of 3 vaccinations with the last vaccination being no older than 12 months) YES <input type="checkbox"/> NO <input type="checkbox"/>	
13	Do you require that horses coming from north of Forster NSW or in Queensland and within 150 klms of the east coast north of Forster be vaccinated? YES <input type="checkbox"/> NO <input type="checkbox"/>	
<p>If you have answered <u>NO</u> to question (13) continue to question 14</p> <p>If you have answered <u>YES</u> to question (13) and you have actioned questions 1 to 12, you have completed the minimum RM.</p> <p>Although it is recommended you read questions 14 to 28.</p>		
14	Are any horses housed in yards/stalls on the grounds for day/s or night/s? YES <input type="checkbox"/> NO <input type="checkbox"/>	
15	Are you able to allocate yards / stalls as per horses vaccination status? YES <input type="checkbox"/> NO <input type="checkbox"/>	

No	Question	Considerations
16	<p>Will the Vet <u>on the grounds</u> or <u>on call</u> treat all horses regardless of vaccination status?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
17	<p>In case a horse is suspected of having the Hendra virus, what arrangements do you have to contact the State DPI?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
18	<p>Is a designated isolation area available for any horse/s suspected of Hendra Virus? (Minimum 10 metres buffer zone surrounding area)</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
19	<p>Is the OC aware of the venue requirements in the case of a suspected Hendra case, resulting in a Hendra exclusion area being in place?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
20	<p>Does the OC have the financial capacity to pay ongoing venue fees in the case of a 'lockdown'?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
21	<p>Competition / events participants will be responsible for venue fees in case of a lock down.</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
22	<p>Does your entry system link to the Zoetis Horse4health database?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
23	<p>Will the local Equine Clinic accept horses that are not vaccinated, if hospital treatment for injury or sickness is required?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
24	<p>Have you assessed the risk to Stewards, Marshals and Ring Crew? And if applicable, Crash Crew for Cross-Country?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
25	<p>Do you have facilities to wash body fluids from horses on equipment, after an accident incident, including jump poles, jump stands?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	

No	Question	Considerations
26	<p>Do you have a plan for Veterinary treatment of horses, dogs or other animals in a lockdown situation?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
27	<p>Do you have a plan for horse feed in a lockdown situation?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
28	<p>Do you have a plan for participant requirements in case of a lockdown? Food, sanitary requirements, medical needs etc.?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	

DRAFT HENDRA Risk Management for Organisers – Example 1

No	Question	Action
1	Do you have a treating Veterinarian <u>on the grounds</u> during the competition / event and the contact number is displayed for all participants and officials? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Discuss with the Veterinarian prior to the competition / event all details of your planned RM.
2	Do you have a treating Vet or Vet Clinic <u>on call</u> and an all hours contact number is displayed for all participants and officials? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
3	Do participants enter prior to the competition / event? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Check that all participants entered all the required details, including PIC, address postcode and EA registration No or Microchip number. If entries taken via Nominate, run the Hendra vaccination status report for horses entered.
4	Does the OC have a Microchip reader? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Vet is bringing chip reader
5	Are only EA registered horses allowed to participate in the competition / event? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	Record details for horses that are not EA registered, including PIC and address.
6	Are the grounds locked prior to the start of the competition / event and after the competition / event? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Ensure that an organiser is on the grounds at the time of unlocking the gates and stays until such time that the competition / event is over and all horses have left and gates locked
7	Can horses get access to any flowering trees or shrubs? Or can floats or trucks park under flowering trees? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
8	Are there any communal watering troughs? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
9	Are dogs allowed? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	

No	Question	Action
10	Is the competition / event all on one day? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Ensure that no horses use stalls/yards that may be at the venue, even short term during the day.
<p>If you have answered <u>NO</u> to question (10) continue to question 11.</p> <p>If you have answered <u>YES</u> to question (10) and have actioned questions 1 to 9, you have completed the minimum RM.</p> <p>Although it is recommended you read questions 14 to 28.</p>		
11	Is the competition / event north of Forster NSW or in Queensland and within 150 klms of the east coast north of Forster? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
12	Do you require that all horses have current vaccination? (had at a minimum of 3 vaccinations with the last vaccination being no older than 12 months) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
13	Do you require that horses coming from north of Forster NSW or in Queensland and within 150 klms of the east coast north of Forster be vaccinated? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Only horses from North of Forster and Queensland are required to have vaccination. All have been checked trough Zoetis Helth4horse
<p>If you have answered <u>NO</u> to question (13) continue to question 14</p> <p>If you have answered <u>YES</u> to question (13) and you have actioned questions 1 to 12, you have completed the minimum RM.</p> <p>Although it is recommended you read questions 14 to 28.</p>		
14	Are any horses housed in yards/stalls on the grounds for day/s or night/s? YES <input type="checkbox"/> NO <input type="checkbox"/>	
15	Are you able to allocate yards / stalls as per horses vaccination status? YES <input type="checkbox"/> NO <input type="checkbox"/>	

No	Question	Considerations
16	<p>Will the Vet <u>on the grounds</u> or <u>on call</u> treat all horses regardless of vaccination status?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
17	<p>In case a horse is suspected of having the Hendra virus, what arrangements do you have to contact the State DPI?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
18	<p>Is a designated isolation area available for any horse/s suspected of Hendra Virus? (Minimum 10 metres buffer zone surrounding area)</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
19	<p>Is the OC aware of the venue requirements in the case of a suspected Hendra case, resulting in a Hendra exclusion area being in place?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
20	<p>Does the OC have the financial capacity to pay ongoing venue fees in the case of a 'lockdown'?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
21	<p>Competition / events participants will be responsible for venue fees in case of a lock down.</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
22	<p>Does your entry system link to the Zoetis Horse4health database?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
23	<p>Will the local Equine Clinic accept horses that are not vaccinated, if hospital treatment for injury or sickness is required?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
24	<p>Have you assessed the risk to Stewards, Marshals and Ring Crew? And if applicable, Crash Crew for Cross-Country?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
25	<p>Do you have facilities to wash body fluids from horses on equipment, after an accident incident, including jump poles, jump stands?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	

No	Question	Considerations
26	<p>Do you have a plan for Veterinary treatment of horses, dogs or other animals in a lockdown situation?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
27	<p>Do you have a plan for horse feed in a lockdown situation?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	
28	<p>Do you have a plan for participant requirements in case of a lockdown? Food, sanitary requirements, medical needs etc.?</p> <p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	

DRAFT HENDRA Risk Management for Organisers – Example 2

No	Question	Action
1	Do you have a treating Veterinarian <u>on the grounds</u> during the competition / event and the contact number is displayed for all participants and officials? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
2	Do you have a treating Vet or Vet Clinic <u>on call</u> and an all hours contact number is displayed for all participants and officials? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	All competitions / events MUST arrange at a minimum to have a Veterinarian on call. Details of the RM must be discussed with the Veterinarian or Vet Clinic.
3	Do participants enter prior to the competition / event? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Check that all participants entered all the required details, including PIC, address postcode and EA registration No or Microchip number. If entries taken via Nominate, run the Hendra vaccination status report for horses entered.
4	Does the OC have a Microchip reader? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	all are registered, so chip numbers on file
5	Are only EA registered horses allowed to participate in the competition / event? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Run any entries that were not 'prior entered' through the Zoetis look up and keep records.
6	Are the grounds locked prior to the start of the competition / event and after the competition / event? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Check that any horses on the grounds prior to the start of the competition / event are in an area that will not allow close contact with horses arriving for the competition / event.
7	Can horses get access to any flowering trees or shrubs? Or can floats or trucks park under flowering trees? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Bunt off all flowering trees.
8	Are there any communal watering troughs? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Bunt off or empty communal watering troughs.
9	Are dogs allowed? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	All dogs must be restrained at all times.

No	Question	Action
10	Is the competition / event all on one day? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<p>If you have answered <u>NO</u> to question (10) continue to question 11.</p> <p>If you have answered <u>YES</u> to question (10) and have actioned questions 1 to 9, you have completed the minimum RM.</p> <p>Although it is recommended you read questions 14 to 28.</p>		
11	Is the competition / event north of Forster NSW or in Queensland and within 150 kmls of the east coast north of Forster? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	<i>Owners Risk to assess</i>
12	Do you require that all horses have current vaccination? (had at a minimum of 3 vaccinations with the last vaccination being no older than 12 months) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	<i>Owners Risk to assess</i>
13	Do you require that horses coming from north of Forster NSW or in Queensland and within 150 kmls of the east coast north of Forster be vaccinated? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	<i>Owners Risk to assess</i>
<p>If you have answered <u>NO</u> to question (13) continue to question 14</p> <p>If you have answered <u>YES</u> to question (13) and you have actioned questions 1 to 12, you have completed the minimum RM.</p> <p>Although it is recommended you read questions 14 to 28.</p>		
14	Are any horses housed in yards/stalls on the grounds for day/s or night/s? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
15	Are you able to allocate yards / stalls as per horses vaccination status? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	

No	Question	Considerations
16	<p>Will the Vet <u>on the grounds</u> or <u>on call</u> treat all horses regardless of vaccination status?</p> <p>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p>	Competitors will be advised
17	<p>In case a horse is suspected of having the Hendra virus, what arrangements do you have to contact the State DPI?</p> <p>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p>	The on call Vet will advise DPI
18	<p>Is a designated isolation area available for any horse/s suspected of Hendra Virus? (Minimum 10 metres buffer zone surrounding area)</p> <p>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p>	we have posts and bunting available
19	<p>Is the OC aware of the venue requirements in the case of a suspected Hendra case, resulting in a Hendra exclusion area being in place?</p> <p>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p>	There will be daily charges
20	<p>Does the OC have the financial capacity to pay ongoing venue fees in the case of a 'lockdown'?</p> <p>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p>	
21	<p>Competition / events participants will be responsible for venue fees in case of a lock down.</p> <p>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p>	This will be stated on entry forms and schedules. Participants arriving on the day without prior entry will be required to agree at registration
22	<p>Does your entry system link to the Zoetis Horse4health database?</p> <p>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p>	All entries will be checked and the status of registered horses will be kept on file
23	<p>Will the local Equine Clinic accept horses that are not vaccinated, if hospital treatment for injury or sickness is required?</p> <p>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p>	Competitors will be advised to make their own Vet arrangements in case of accident or illness
24	<p>Have you assessed the risk to Stewards, Marshals and Ring Crew? And if applicable, Crash Crew for Cross-Country?</p> <p>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p>	WE will have PPE on hand for those that require it
25	<p>Do you have facilities to wash body fluids from horses on equipment, after an accident incident, including jump poles, jump stands?</p> <p>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p>	Equipment that is in an accident will be replaced

No	Question	Considerations
26	<p>Do you have a plan for Veterinary treatment of horses, dogs or other animals in a lockdown situation?</p> <p>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p>	
27	<p>Do you have a plan for horse feed in a lockdown situation?</p> <p>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p>	local feed store will deliver
28	<p>Do you have a plan for participant requirements in case of a lockdown? Food, sanitary requirements, medical needs etc.?</p> <p>YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p>	local supermarket will deliver

AHIC HENDRA VACCINATION POSITION STATEMENT

29 AUGUST 2013

The Australian Horse Industry Council considers that the horse owners who vaccinate all the horses on their property provide the best protection against themselves, their family, their horses and any visitors to the property catching Hendra Virus.

This will lead to the horses developing a level of immunity such that service providers for example, veterinarians, farriers, dentists, acupuncturist and massage therapists can enter the property and handle the horses with confidence that the risk of catching Hendra Virus has been minimised.

Note 1: To maintain this immunity booster vaccination should be given at the recommended interval. This is currently six months but will hopefully move to twelve months or beyond as the development continues.

Note 2: AHIC does not currently support Hendra vaccination being undertaken at the same time as other vaccinations. Testing is still being undertaken by Zoetis to ensure that the efficacy of the vaccine is not compromised.

Appendix Item 7

AHIC's POSITION ON HENDRA VACCINATION

Introduction

Flying foxes carry the Hendra virus and are unaffected by the virus. The virus is transmitted to horses from the flying foxes.

Horses with Hendra virus present with many different clinical signs which can make diagnosis difficult.

In suspected Hendra virus cases an exclusion test for the virus will be carried out before any invasive treatment is commenced.

An effective vaccine against Hendra virus in Horses is available and this will indirectly protect humans in contact with vaccinated horses.

AHIC considers that horse owners who vaccinate all the horses on their property provide the best protection against themselves, their family, their horses and any visitors to the property against catching Hendra virus.

Six weeks following the first vaccination the horses will have developed a level of immunity such that service providers for example, veterinarians, farriers, dentists, acupuncturists and massage therapists can enter the property and handle the horses with confidence that the risk of catching Hendra Virus has been minimized.

The need for vaccination will be dependent on the risk factor and the individual owner's approach. The highest risk is in areas with known Hendra cases and the presence of flying foxes. The middle risk is in areas where flying foxes are present or known to visit, but there have not been any Hendra cases.

The lowest risk setting is in regions of Australia with no history of Hendra cases and no evidence of the presence of flying foxes.

AHIC recognizes that vaccination is the single most effective way of preventing Hendra Virus in Horses.

Vaccination Guidelines

1. Horses in known Hendra virus locations.
The AHIC encourages all horse owners to seriously consider vaccination as the primary management tool not forgetting to implement the standard management advice that is readily available.
2. Horses in locations where Hendra virus has not been report but flying foxes are present.
The AHIC encourages all horse owners to discuss the risk assessment with their local veterinarian regarding vaccination
3. Horses in locations where Hendra virus has not been reported nor are flying foxes know to be present.
All current information suggests that the likelihood of a Hendra virus case in a horse is minimal. The AHIC would encourage horse owners who are concerned about the risk of their horse(s) becoming infected to consult with their local veterinarian regarding vaccination.