Implications for dairy of an FMD incursion – including a National Livestock Standstill

Justin Toohey

Advisor to ADF on Animal Health, Welfare and Biosecurity

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Value of biosecurity

- Red = infected within the past two months
- Blue = infected prior to the past two months
- Green = never infected

Map 7 – Farms visited in Sudal, four clusters
Topics to be covered

1. Preparing for an incursion
   - EADRA and AUSVETPLAN
2. FMD suspected
   - decision-making process (governance)
3. FMD confirmed or overwhelming evidence
   - National Livestock Standstill (NLSS) – Stage 1
4. Post NLSS – FMD confined
   - Zoning – Stages 2 and 3
1. Preparing for an incursion

- Emergency Animal Disease Response Agreement (EADRA)
  - signed in 2002 by all governments and 14 industries
  - covers such things as:
    - categorisation of 66 diseases
    - compensation and cost sharing principles
    - developing and managing Response Plan
AUSVETPLAN

- series of manuals covering the ‘preferred approach’ to responding to incursions
- relevant manuals include ‘FMD’, ‘Valuation & Compensation’ and ‘Dairy Enterprise’ (draft), ‘Decontamination and Disposal’
  [see animalhealthaustralia.com.au/ausvetplan]
- includes movement of milk and milk products
2. When FMD is suspected

DECISION-MAKING SCHEMATIC SPECIFIC TO AN NLSS

Chain of events specific to the calling of a National Livestock Standstill

**Suspect FMD case reported, samples collected and received by the lab**

**Lab results positive**

**CVO(s) from the affected jurisdiction(s) start preparing an Emergency Response Plan (ERP)**

**CCEAD considers ERP(s) and advises NMG**

**NMG considers CCEAD advice, including calling an NLSS**

Approximate timeline, hours

**President/CEO notified by ACVO; familiarise themselves with AUSVETPLANS, etc**

**6-12**

**Once FMD confirmed, President/CEO:**
1. notify Board by teleconference, discuss strategy with Board and staff
2. notify CCEAD vets by teleconference, agree roster
3. prepare for NMG participation.

**12-18**

**President/CEO:**
1. initiate/maintain regular dialogue in keeping with the Board’s agreed strategy
2. adhere to this Response Plan
3. consider funding issues and record keeping

Initially for 72 hours but can be extended by NMG
3. FMD is confirmed or overwhelming evidence

- **National Livestock Standstill (Stage 1)**
  - to restrict disease spread, enable tracing and find extent of infection
  - time to prepare zones for Stages 2 and 3
  - ‘livestock in transit’ matrix applied by government department
  - default is 72hrs but may be longer
## ‘Livestock in transit’ matrix

**Movement control guidelines for susceptible livestock in transit when a national livestock standstill is declared**

### Appendix 1

<table>
<thead>
<tr>
<th>ORIGIN OF LIVESTOCK</th>
<th>ORIGINAL INTENDED DESTINATION</th>
<th>SALEYARD</th>
<th>FEEDLOT</th>
<th>ABATTOIR</th>
<th>SHOWS / EXHIBITIONS</th>
<th>EXPORT FACILITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FARM</strong> within jurisdiction</td>
<td>Return to origin</td>
<td>Return to origin</td>
<td>Return to origin</td>
<td>Proceed to slaughter</td>
<td>Return to origin</td>
<td>Return to origin</td>
</tr>
<tr>
<td>(Single consignor)</td>
<td>Proceed to destination farm (within State)</td>
<td>Redirect to slaughter</td>
<td>Proceed to approved property</td>
<td>Proceed to slaughter</td>
<td>Redirect to slaughter</td>
<td>Proceed to approved property</td>
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<tr>
<td></td>
<td>Redirct to slaughter</td>
<td>Proceed to approved property</td>
<td>Proceed to slaughter</td>
<td>Return to origin</td>
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<tr>
<td><strong>FARM</strong> within jurisdiction</td>
<td>Return to origin</td>
<td>Return to origin</td>
<td>Return to origin</td>
<td>Proceed to slaughter</td>
<td>Return to origin</td>
<td>Return to origin</td>
</tr>
<tr>
<td>(multiple consignors)</td>
<td>Proceed to destination farm</td>
<td>Redirect to slaughter</td>
<td>Proceed to approved property</td>
<td>Proceed to slaughter</td>
<td>Redirect to slaughter</td>
<td>Proceed to approved property</td>
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<tr>
<td></td>
<td>Return to origin</td>
<td>Redirect to slaughter</td>
<td>Proceed to approved property</td>
<td>Proceed to slaughter</td>
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</tr>
<tr>
<td><strong>SALEYARD</strong> within jurisdiction</td>
<td>Redirect to slaughter</td>
<td>Redirect to slaughter</td>
<td>Return to origin</td>
<td>Proceed to slaughter</td>
<td>Return to origin</td>
<td>Return to origin</td>
</tr>
<tr>
<td></td>
<td>Proceed to approved property (P)</td>
<td>Proceed to approved property (P)</td>
<td>Proceed to slaughter</td>
<td>Redirect to slaughter</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FEEDLOT</strong> within jurisdiction</td>
<td>Redirect to origin</td>
<td>Redirect to origin</td>
<td>Proceed to approved property</td>
<td>Proceed to approved property</td>
<td>Return to origin</td>
<td>Return to origin</td>
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<tr>
<td></td>
<td>Proceed to approved property (P)</td>
<td>Proceed to approved property (P)</td>
<td>Proceed to slaughter</td>
<td>Redirect to slaughter</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SHOWS / EXHIBITIONS</strong> for other congregation of susceptible livestock within jurisdiction</td>
<td>Return to show/exhibition (P)</td>
<td>Proceed to approved property (P)</td>
<td>Proceed to show/exhibition</td>
<td>Proceed to slaughter</td>
<td>Return to show/exhibition</td>
<td>Proceed to approved property</td>
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<td></td>
<td>Redirect to slaughter</td>
<td>Redirect to slaughter</td>
<td>Proceed to approved property</td>
<td>Proceed to slaughter</td>
<td></td>
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</tr>
<tr>
<td><strong>EXPORT FACILITY</strong> within jurisdiction</td>
<td>Redirect to slaughter</td>
<td>Redirect to origin</td>
<td>Proceed to approved property</td>
<td>Proceed to export facility</td>
<td>Redirect to slaughter</td>
<td>N/A</td>
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<tr>
<td></td>
<td>Return to origin</td>
<td>Return to export facility</td>
<td>Proceed to slaughter</td>
<td>Proceed to approved property</td>
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<tr>
<td></td>
<td>Proceed to approved property (P)</td>
<td>Proceed to approved property (P)</td>
<td>Proceed to export facility</td>
<td>Proceed to approved property</td>
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</tr>
<tr>
<td><strong>INTERSTATE</strong> (Not yet entered jurisdiction)</td>
<td>Entry prohibited</td>
<td>Entry prohibited</td>
<td>Entry prohibited</td>
<td>Entry prohibited</td>
<td>Entry prohibited</td>
<td>Entry prohibited</td>
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<tr>
<td></td>
<td>Proceed to slaughter</td>
<td>Proceed to approved property (P)</td>
<td>Proceed to slaughter</td>
<td>Proceed to approved property</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>INTERSTATE</strong> (Already entered jurisdiction)</td>
<td>Redirect to slaughter</td>
<td>Redirect to destination</td>
<td>Proceed to approved property</td>
<td>Proceed to slaughter</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Proceed to slaughter</td>
<td>Proceed to destination (P)</td>
<td>Proceed to approved property</td>
<td>Redirect to slaughter</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TRAVELLING STOCK ON ROADS: PROPERTY TO PROPERTY</strong> (generally short travel distances) within jurisdiction</td>
<td>Hold on route / reserve</td>
<td>Cease movement</td>
<td>Cease movement</td>
<td>Cease movement</td>
<td>Cease movement</td>
<td>Cease movement</td>
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<td></td>
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</tr>
<tr>
<td><strong>TRAVELLING STOCK ON ROADS: PROPERTY TO PROPERTY</strong> (generally long travel distances) within jurisdiction</td>
<td>Return to origin farm</td>
<td>Cease movement</td>
<td>Cease movement</td>
<td>Cease movement</td>
<td>Cease movement</td>
<td>Cease movement</td>
</tr>
</tbody>
</table>

**KEY**
- **BOLD** = Preferred Option
- **(P)** = Permit required for further movement
Dairies in an NLSS

1) Restrict livestock movements
   ➢ *milking continues*

2) Restrict effluent on public roads / tanker route

3) Allow washing/disinfection of tankers and other essential vehicles onto and off the property

4) Record all vehicle and people movements

5) Essential visitors only – use property vehicle

6) Raw milk to calves only to occur on farm

7) Biosecurity practices – hygiene
Note:

- Tanker drivers may be instructed to
  - alter their normal collection route
  - fill tankers to less-than-full to prevent spillage
- ‘Index property’ and surrounds will be quarantined, so no milk collections
  - milk to be treated and disposed of on farm
- Chief Veterinary Officer will announce when NLSS is over and what restrictions will then apply
4. Post-NLSS – FMD is confined

- **Outside Area (OA)**
- **Control Area (CA)**
- **Restricted Area (RA)**
  - [IP, DCP, SP, TP, ARP, DCPF]

(Stage 1 = NLSS)
- Stage 2 = NLSS revoked, disease not controlled
- Stage 3 = disease controlled

at-risk premises (ARP)
- premises of relevance (POR)
- resolved premises (RP)
- unknown status premises (UP)
- zero susceptible species premises (ZP)
- infected area (IA)

infected premises (IP)
- suspect premises (SP)
- trace premises (TP)
- dangerous contact premises (DCP)
- dangerous contact processing facility (DCPF)
- approved processing facility (APF)
- approved disposal site (ADS)

Very strict movement controls
Finally…

- Remember, all edible products from infected animals are safe to consume
  - movement controls are only to restrict disease spread
  - FSANZ pre-emptive statements

- Traceability and Biosecurity = #1 priorities
- Chief Vet Officer will have the final say!
Early reporting essential

- incubation in cattle typically 3-8 days
- every day’s delay in reporting would add $millions to cost of eradication

Highest risk of entry (yellow)

DAFF, 2013
Thank you

Emergency Animal Disease Watch Hotline
1800 675 888

Australian Dairy Farmers
australiandairyfarmers.com.au

Dairy Australia
www.dairy.com.au

Animal Health Australia
animalhealthaustralia.com.au