

# Biosecurity: Routine practices and in the face of an outbreak

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**Government  
of South Australia**

Primary Industries  
and Regions SA

# What is Biosecurity?

- set of measures
- designed to protect a property
- from the entry and spread of pests and diseases
- farm/property biosecurity is your responsibility,
- and that of every person visiting or working on your property



# Biosecurity is a mindset!

# VISITORS

**PLEASE RESPECT  
FARM BIOSECURITY**

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Please contact the manager before entering.



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Do not enter property without prior approval.  
Keep to roadways and laneways.



<http://www.farmbiosecurity.com.au/>



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# Biosecurity for pigeon paramyxovirus

- Consult your vet
- Confirm diagnosis
- Vaccinate TWICE!
- No specific treatment (consider supportive therapy)
- Maintain STRICT biosecurity



# Biosecurity for pigeon paramyxovirus

- Voluntary Lockdown at first sign of symptoms
- Isolate sick birds/loft and nurse/treat/handle/visit last!!
- All equipment -cleaned then disinfected
- Separate equipment for sick and healthy birds
- Clean and disinfect hands and footwear between lofts (regular change of footbath)
- No pets in lofts!
- No wild birds



# Biosecurity for pigeon paramyxovirus

- Vehicles in contact with pigeon material- clean and disinfect
- People- clean clothes, shoes and hands when leaving property
- Lockdown until 30days after last PMV1 death

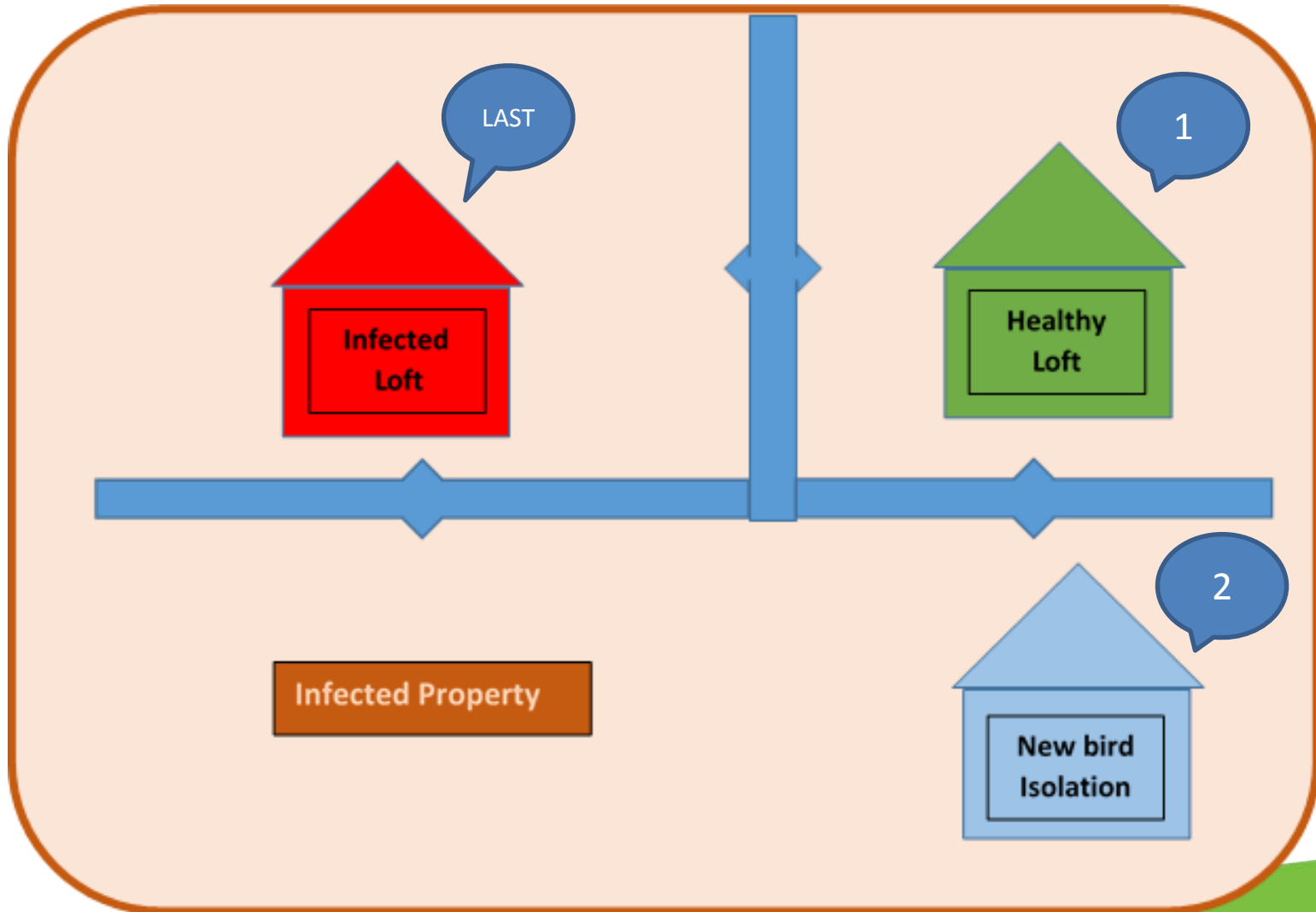


# Biosecurity as normal management

- Keep your property safe from infection
- Isolate sick birds/loft and nurse/treat/handle/visit last!!
- New birds onto property- keep separate until 21 days after introduction of last bird
- Routine vaccination program protects your birds!
- Keep wild birds away



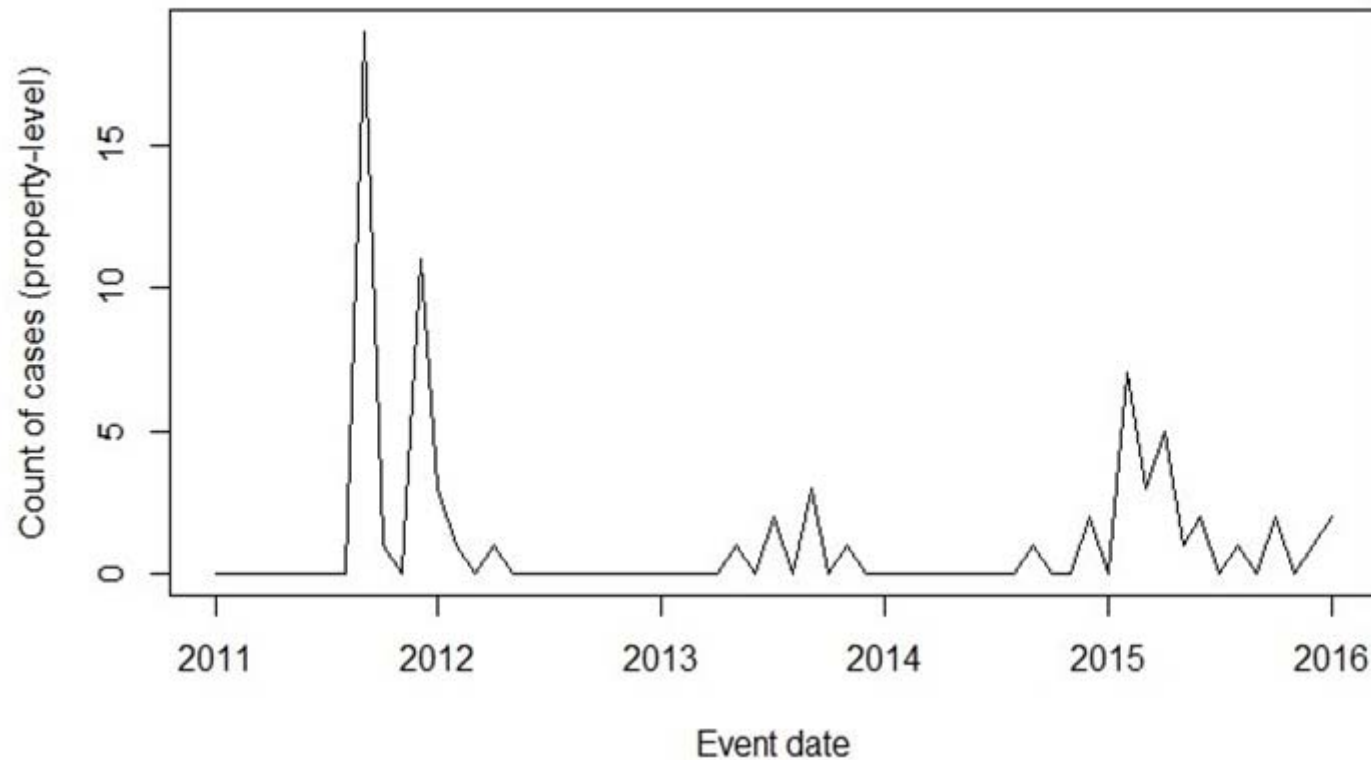
# Biosecurity for pigeon paramyxovirus





# PMV1 is on the rise in Victoria

PPMV1 cases in pigeons (2011-2016)



# Cleaning and sanitising

- Put birds in CLEAN holding cages
- **Dry clean** and scrape out all organic matter (use PPE)
- Virus lives in dropping and organic matter for a long time (~60d)
- Dispose of dead pigeons and waste in a biosecure manner, i.e. bury, commercial compost (e.g. Peat Soils)



# Cleaning and sanitising

- **Wet Clean** with detergent
- If still some organic matter, must be suitable detergent (kill virus and penetrate soils)
- Apply to ALL surfaces (walls, floors, ceilings, perches, etc)
- Chemetall –  
Foamclean S (foams well, virucidal)



# Cleaning and sanitising

- **Rinse and then Sanitise**
- Correct dilution rate
- Leave to **dry** (appropriate contact time)
- Use sanitizer with residual effect and one active in presence of organic matter
- Sanigard (a twin chain quaternary ammonium compound)
- Contact Gary Bourne (Chemetail)
  - Mobile: 0434-561-247



# Biosecurity is a mindset!

Border security

Flu – the sneeze



UK Swine Flu Ad - Catch It, Bin it, Kill It.mp4



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