Crisis Management
Avian Influenza in the Netherlands

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Content

1. Mission statement
2. Pillars crisis management
3. Impact
4. Key success factors
Mission Statement Ministry of Agriculture, Nature and Food Quality

- Healthy animals
- Safe food
- Reliable government
Animal husbandry in The Netherlands

- 3.9 million cattle
- 900,000 veal calves
- 12 million swine
- 500,000 horses
- 1.5 million sheep and goats
- 100 million poultry

Share with
- 17 million people

- 41.526 km² of land
- Compare Thailand 513.120 km²
European Union implementation Directives
Crisis management

Prevention

Control

Monitoring

Make friends during peacetime not during war!
Prevention

• Good communication private sector – government

• Biosecurity measures:
  • Private sector
  • Government
Regular supervision facilities (EU Dir. 2009/158)

- Breeding, rearing, hatchery
- Official vet
- Buildings
- Provenance
- Hygiene / sanitary measures
- Animal health (sampling, vaccinations)
- Documentation
Phases of crisis

- Phase out
- Attention
- Crisis
- Suspicion

Cold fase
Preparedness

- (Operational) Contingency plans
- Training
- Exercise
Incident and Crisis control (NVWA)

- Head
  - Secretarial office
    - Crisismanagers
    - Frontteams
    - RCC-heads
    - Animal disease experts
  - Incident & crisis Centre NVWA
    - Operational NVWA
    - Official Reports / Questionnaires
      - Risk assessment
  - Preparation and Innovation
    - Operational manuals & training
    - Evaluations
      - Tracking and tracing
Staff capacity NVWA

- Incident & Crisis Centre NVWA: 30
- Animal disease experts: 50
- Front teams: 16
- RCC department heads: 25
- Crisis managers: 10
- Disease eradication assistance: 24/7 on call

Throughout the year: training and exercise for all personnel

Obligatory also for external personnel

Organised by NVWA
Training and exercise
Contracts

- Materials (wheelbarrows, cranes, compressors, etc)
- Sanitary shower units
- Cleaning & Disinfection
- Pest control
- Valuation
- Animal handling
- Road Marking
- CO₂ in-house gassing
- CO₂ containers
- Electrocution
- Transport samples
- Transport cattle
- Veterinary materials
- Catering
- Incinerator
- Destructor
Surveillance program in the Netherlands

• Active surveillance
  - serological surveillance

• Passive surveillance
  - notification obligation
  - early warning
    • Clinical signs for AI
    • mortality > 0,5% daily during 2 succeeding days

• Active and passive wild bird surveillance
NVWA Animal Disease experts

- Preparation and conduct farm visit

- (Bio)-safety measures

- Sample taking

- Administration
Cold fase

Phase out

Attention

Suspicion

Crisis
Control measures HPAI (1)

**EU measures**

- 3 km protection and 10 km surveillance zone
- Culling of poultry on the infected holding, cleansing and disinfection
- Tracing of animals and products recently transported from the infected holding
- Epidemiological investigations/screening
- Communication to sector, EU, OIE and trading partners

- Legal Basis: EU directive 2005/94
Control measures HPAI (2)

National measures
› Standstill: no transport of live birds or poultry related products
› No visitors allowed on poultry holdings
› All commercial poultry confined indoors
› Ban on shows and markets for poultry/birds
› Legal Basis: ministerial Decision
Standstill

‘Freeze’ the situation to:

- Epidemiological investigation (track and tracing, testing, etc.)
- Implement all necessary measures including protection and surveillance zone
- Pre-emptive culling of 1 km zone and dangerous contact holdings
- Establish crisis organisation
Impact animal disease crisis

- Communication
  - Private sector
  - Public sector
  - Citizens

- Media monitoring

- Challenges social media
Key success factors

• Centrally organized competent authority
• Awareness and good communication private sector – government
• Preparedness: good contingency plans and concluded contracts with partners
• Incentive for notifying: financial compensation (Animal Health Fund)
• Tailor made communication to re-establish trust
  • Private sector
  • Citizens
  • Third countries
Thank you for your attention