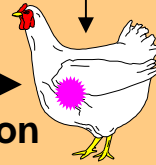


Climat (temp, hygrométrie)
 Structure Agricole
 (occupation des sols)

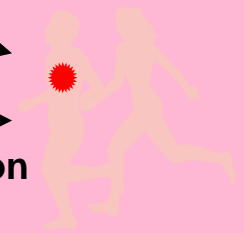
Environnement



Transmission - amplification



Transmission - Adaptation



Persistance

INTRODUCTION

Migrations
 Déplacements locaux
 Proximité élevages
 Structure écosystème
 (espèces, densité, age)
 rassemblements

Proximité élevages/faune sauvage
 Echanges commerciaux
 rassemblements, marchés
 Espèces (poulet, dinde, oie, canard, etc..)
 Densité
 Type/structure élevage (cycle long/court)

Contacts élevages/envirmt
 Age, Facteurs génétiques

PERSISTANCE

Migrations
 Déplacements locaux

Proximité élevages/faune sauvage
 Echanges commerciaux
 rassemblements, marchés

Déplacements

DIFFUSION

Stratégies de Contrôle

SURVEILLANCE

active/passive

active/passive - déclarations?

routine/infections sévères

**MESURES
 BARRIÈRE**

Contrôle occupation des sols

prévention contacts faune sauvage
 statut, protection élevages
 hygiène & protections individuelle

prévention contacts
 mesures hygiène
 (masques, EPI, lavage mains..)

ABATTAGE

Impact socio-économique
 Compensations financières?

Efficacité?

**DISTANCIATION
 SOCIALE**

Contrôle des échanges commerciaux

Impact sociétal
 Impact économique
 Impact politique

VACCINS

Efficacité? persistance, endémisation

Prophylaxie/Thérapie
 Efficacité / Résistances

ANTIVIRAUX

Ethique individuelle
 Ethique politique

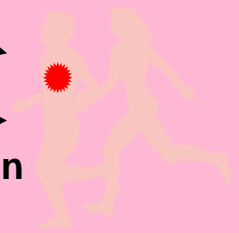
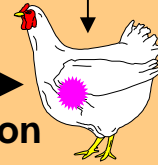
INFORMATION

Perception/Information risque
 Information conduite à tenir

Plan pandémie
 Perception/information

Climate (temp, hygrometry)
 Agricultural structure
 (soil occupation)

Environment



Persistence

Transmission - amplification

Transmission - Adaptation

INTRODUCTION

Migrations, local movements
 Proximity domestic birds

Proximity domestic/wild birds
 Trade, gatherings, markets

Contacts w/ flocks/environmentt
 age, genetic factors

PERSISTENCE

Structure ecosystems
 (species, density, age)
 gatherings

Species (chicken, turkey, goose, duck, etc..)
 Density
 Type/structure flocks (long/short cycle)

Socio-economic structure
 Population density
 gatherings

DIFFUSION

Migrations, local movements

Proximity domestic/wild birds
 Trade, gatherings, markets

Movements

Control Strategies

SURVEILLANCE

active/passive
 Harmonization methods

active/passive - declarations?
 Harmonization diagnostics methods

Detect ILI/SARI
 Serological surveys

PROTECTION MEASURES

Control soil occupation

prevention of contacts w/ wild birds
 protection flocks, hygiene & PPI

prevention contacts
 measures of hygiene
 (masks, PPI, hand washing..)

CULLING

socio-economical impact
 financial compensations, indemnities

Efficacy?
 Social impact

SOCIAL DISTANCING

Control trade, transport, gatheringt

Economic impact
 Political impact

VACCINES

Efficacy? persistence, endemicity

Prophylaxis/Therapy
 Efficacy / Resistance

ANTIVIRALS

Ethics individual, political

INFORMATION

Risk Perception
 Information
 Implementation of control measures

Pandemic planning
 Perception/information
 Implementation