Biosecurity in selling process

Biosecurity in large commercial farm
Necessary for big farm

1. Shower in/shower out
2. Underground water/CI treated water
3. Fence around the animal area
4. Workers reside outside animal area
5. Feed from reliable sources
6. Farm provides meal for workers
7. Disinfect all equipment
8. Isolation and quarantine unit
9. Biosecurity is one of training program
Statistical data of disease outbreak

- Feed: 1%
- Pig: 7%
- Gilt: 3%
- Worker: 16%
- Equipment: 2%
- Pest: 70%

% of disease contamination and outbreak

Slaughter

Customer

World Organisation for Animal Health · Protecting animals, Preserving our future
Biosecurity and Sanitation

**EXCLUSION**

- No guest and visitor
- No material from ASF outbreak country
Biosecurity and Sanitation

SEPARATION

- Truck
- Equipment e.g. computer etc.
Biosecurity and Sanitation

Infectious chain management

- All in All out
- Cleaning and disinfection
- Isolation and quarantine
- Downtime between batch
- Pest control
- Staff flow and downtime
Why selling process is important

Source of pathogens
Why selling process is important

Diseases spread from customer to farm
Disease contamination thru selling process

Slaughter → Pig farm → Customer truck
Disease contamination thru selling process

Slaughter

Customer’s truck

Farm’s truck

Pig farm
Disease contamination thru selling process

Slaughter

Central selling house

Customer ‘s truck

Farm’s truck

Pig farm
Disease prevention thru selling process

Farm inside

Clean zone
Load-In

Load in

Load out

Dirty zone
Load-Out

Chute

Farm outside

Downtime at least 8 hr.

Truck washing area
Disease prevention thru selling process

Farm inside

Farm outside

Chute for breeder pig

Load-In

Load-Out
Disease prevention thru selling process

Fattening pigs

Central selling house

Customer truck

Farm truck

Clean and disinfectant

K.M.

Pig farm
Central selling house

Selling house at farm site

Customer’s truck

Load-Out

Company’s truck

Load-In

Buffer truck

Load-In

Load-Out
Central selling station component

Dirty zone
For customer truck

Clean zone for farm truck
Truck
Clean  Disinfectant  Downtime
Clean Disinfectant Downtime

Container → Cabin
Responsible person and cross check

Clean
Clean ?

Clean ?
Take home message

• Not allowed customer truck to your farm
• Limitation of the pig movement
• Don’t sell the dead pig!!!