

## Biosecurity: Protecting Your Livelihood

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1

## Why Biosecurity?

- *We are at risk in many ways...purely from a bird disease control perspective*
- *Consumers are calling asking*
- *Customers are calling asking, requiring written plans, asking for audit results*

2

## Consumers ask ...

- *“What steps are you taking to protect your birds from avian influenza?”*
- *“What do you do to maintain the safety of the birds ... ?”*
- *“Does you test chicken flocks for bird flu?”*

3

## “Bird flu explodes in Indonesia.”

— *The Associated Press, 2006*

## “Bird flu detected in Greece, Italy and Bulgaria”

— *New York Times, 2006*

4

## Why Biosecurity?

- *Companies and farms would be harmed if the wrong disease agent breached the farm biosecurity program*
- *Companies and farms would be devastated if the wrong disease agent was moved from the farm and introduced to the plant*

5

## Why Biosecurity?

- *In a recent survey of customers – if AI in US:*
  - *46% would stop eating poultry*
  - *Another 25% would change habits*

6

## Why Biosecurity?

- *If there is a break of AI (particularly HPAI):*
  - *Compensation for that break is the least of the issues*
  - *Won't need the breeders*
  - *Won't need the chicks*
  - *Won't need the farms to place chicks – maybe only the most secure farms, maybe with 30 plus days layout*
  - *Won't need to run the plant – maybe a couple days a week*

7

## 5 Steps to Better Biosecurity.....

1. *Eliminating Risk (Never Evers)*
2. *Managing those Risks you can't Eliminate (Dedicated Tos)*
3. *Farm Specific Biosecurity Program*
4. *BMPs for each area of the company involved in live birds*
5. *Risk Assessment*

8

## Biosecurity is as simple as.....

- *Eliminating Risk (Never Evers)*
- *Managing those Risks you can't Eliminate (Dedicated Tos)*

9

## Never-Evers

- *Those things that you should never allow to occur in or around your poultry farm*

10

### "Never-Evers"

*Those things that you should never allow to occur in or around your poultry farm*

- ❑ **NEVER** visit or associate with the live bird market system.
- ❑ **NEVER** keep fowl, wild, exotic or domestic birds.
- ❑ **NEVER** allow anyone close to your chicken houses without knowing where they have been previously.
- ❑ **NEVER** allow equipment in your poultry houses – when live poultry is present – that has been to other farms, unless it is picking up all of your poultry or you have seen it and inspected it for proper cleaning and disinfecting.
- ❑ **NEVER** allow any animal to carry or scavenge dead birds from your dead bird disposal area.
- ❑ **NEVER** use common dead bird disposal area for multiple farm operations or multiple farm pickup of dead birds.

11

## 'Dedicated Tos'

- *For those risks that can't be eliminated... We must be dedicated to protecting our Livelihood.*

12

## **“Dedicated Tos”**

*Those things that are part of your daily biosecurity routine*

- ... only authorized visitors
- ... authorized visitors must comply with dress policy and sign visitor log
- ... farm-dedicated shoes and clothes (or coveralls, boots, and hairnets) for the producer and those who work for the producer
- ... state and company approved on-farm dead bird disposal that is managed appropriately
- ... cleaning and disinfecting of all non-farm-dedicated equipment prior to entering the poultry house when birds are present.

# *Farm Specific Biosecurity Plan*

14

## **What?**

- *10 questions*
- *Filled out by the Flock Supervisor and Producer*
- *Takes about ½ hour*
- *Posted on the farm*
- *Reviewed regularly*

15

## **Why?**

- *Each Farm has some differences – the basics of a program are the same, how you implement it can differ and need to be explained*

16

## **Risks Of Not Doing It**

- *Our Livelihood is at risk*
- *The World will know the name of the farm and the company that had Avian Influenza in the United States*

17

## **BMPs**

1. *Feedmill*
2. *Flock Supervisor*
3. *Hatchery*
4. *Live Haul*
5. *Producer*
6. *Vendor*
7. *Egg Haul*

18

## BMPs – Flock Supervisor – Level 1

BMP #	Description	Limits
1	Dress - Hair, Body and Feet	Boots, Coveralls, Hairnets
2	Equipment	All equipment to be disinfected, including vaccinator, prior to being taken into the chicken house. Equipment is also to be disinfected, including bump caps, scales, etc., with disinfectant solution or spray disinfectant prior to being placed in the vehi
3	Vehicle	The vehicle should be parked in the level 1 designated parking spot as indicated in the farm specific biosecurity plan. The vehicle should be washed and cleaned thoroughly, inside and out, weekly.
4	Service Order	No restrictions

## Risk Assessment

1. 68 questions to estimate risk
2. Questions on farm set-up, people management, etc
3. High Score is High Risk

20

## Objectives:

1. Judge biosecurity risk in a quantitative way
2. Help flock supervisors and farm owners understand and discuss “risky” practices
3. Use this tool to manage the risk

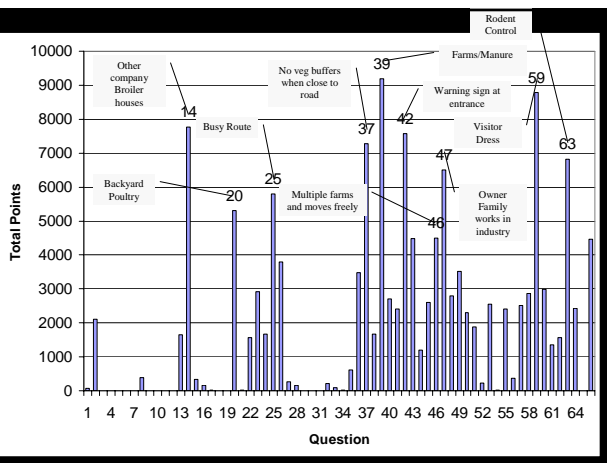
21

## Area – Example of PHYSICAL proximity questions

DPI FARM BIOSECURITY RISK ASSESSMENT FORM - AREA

Circle the number of each of the types of sites within a two mile radius of this farm:

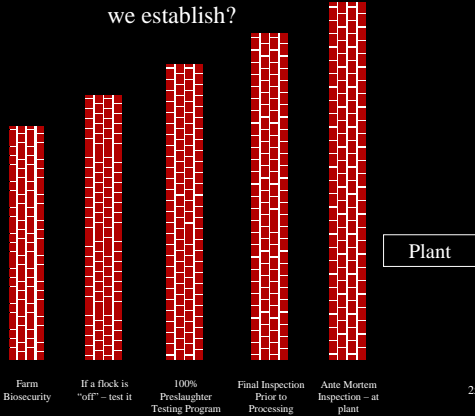
Broiler farms that contract with Company	-	-	3 or more	2 or less
Broiler farms that contract with other	-	3 or more	1 or 2	none
Broiler breeder or pullet farm contracting with Company	-	-	1 or more	none
Broiler breeder or pullet farm contracting with other	-	3 or more	1 or 2	none
table egg pullet farm	2 or more	1	-	none
table egg layer	1 or more	-	-	none
turkey farm	1 or more	-	-	none
backyard poultry/hobby poultry/fighting chickens	1 or more	-	-	none
poultry live market/poultry flea market	1 or more	-	-	none
livestock farm of any type (besides chicken, turkey, or hog)	-	-	1 or more	none



**5 Activities – Stay Focused and be Repetitive and Persistent**

24

Protect the Plant! How many barriers can we establish?



Plant