



THE MARK  
OF QUALITY

*Feeding People  
Enriching Lives*



**Meat Inspection**

John Langbridge

# Post Mortem Inspection



- Meat Safety
  - Microbiological pathogens are the major concern
    - Process control is key
- Meat Inspection
  - Traditional focus on animal health
    - Very effective in reducing the incidence of animal disease e.g. Bovine TB, Bovine brucellosis
- Risk return
  - Hazard removal versus hazard introduction
- PM inspection is evolving
  - EU moving to hands off inspection
  - US moving to remove major peripheral lymph nodes from packs



- PM inspection is evolving
  - EU moving to hands off inspection
  - US moving to remove major peripheral lymph nodes from packs
  - Moving some suitability issues to QA system
- Succession planning for MIs was going to be a problem for government AEMIS
- AEMIS is the first time there has been a defined inspection standard
- Current training now more defined and broader than just on line inspection



- Development of a database of pathology images to help with passing down of corporate knowledge
- Overseas audit outcomes have been favorable
- Codex and OIE recognizes the duality of function of am and PM inspection

# The next phase - Post Mortem data collection and feedback by March 2017



# Will provide important health information



SUPPLIER: A. FARMER  
HERD NO: A123456  
DATE OF SLAUGHTER: 01/01/2016  
FACTORY: BRANCH XYZ

## Beef HealthCheck Report

| TAG                | SEX | AGE (mths) | CARCASE (kg) | LIVER SCORE | LUNG SCORE |
|--------------------|-----|------------|--------------|-------------|------------|
| IE 12 34567 8 0001 | E   | 20         | 330          | 1           | 3          |
| IE 12 34567 8 0002 | C   | 22         | 360          | 3 / 5       | 1          |
| IE 12 34567 8 0003 | D   | 40         | 400          | 2           | 1          |
| IE 12 34567 8 0004 | B   | 44         | 500          | 1           | 1          |
| IE 12 34567 8 0005 | E   | 19         | 340          | 1           | 2          |
| IE 12 34567 8 0006 | C   | 20         | 350          | 1           | 4          |
| IE 12 34567 8 0007 | D   | 56         | 410          | 4           | 1          |
|                    |     |            |              |             |            |
|                    |     |            |              |             |            |
|                    |     |            |              |             |            |

# And will be organised to aid decision making



## Beef HealthCheck Report

### LIVER RESULTS

Liver lesions result in reduced performance

#### SCORE

- 1** **Normal Liver:** No liver abnormalities detected.
- 2** **Liver damaged by fluke but no live fluke:** Fluke may not be observed because the animal has (i) been treated and cured (ii) has undergone 'self cure' or (iii) live fluke may have been present but not observed.
- 3** **Liver damaged by fluke and live fluke present:** Live fluke may be present because: the animal was (i) not treated for fluke (ii) re-infected after a previous treatment (iii) treated with a product that only kills adult fluke, leaving young fluke alive (iv) given a product to which

### LUNG RESULTS

Lung lesions result in reduced performance

#### SCORE

- 1** **Normal Lung:** No lung abnormalities detected.
- 2** **Limited lung damage:** This animal had limited lung damage as a result of pneumonia. Pneumonia in cattle is caused by viral and/or bacterial infection.
- 3** **Extensive lung damage:** This animal had extensive lung damage as a result of pneumonia. Pneumonia in cattle is caused by viral and/or bacterial infection.
- 4** **Lung other:** Lung damage due to other