



## Tulip's Experience of CCIR

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Supply Chain Manager

# CCIR Overview

- Provides valuable information to all links in food chain

## Ultimate aims:

Public health / food safety



Animal health & welfare



# CCIR Information

## 1. Ante-Mortem





# CCIR Information

## 2. Post Mortem

Offal



Carcase (parts/total)



# Producer & Factory Responsible

## ■ Pathology

Abscess  
Pneumonia  
Pleurisy  
Arthritis  
Bruising  
Tail bite



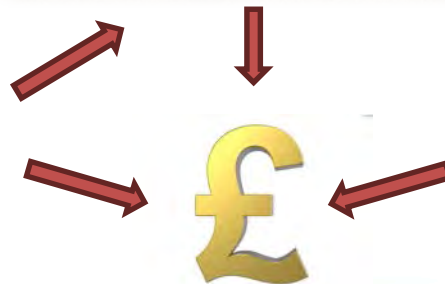
**Pig Payments**

## ■ Contamination

Bile  
Gut content  
Hair  
Machine damage  
Overscald



**Efficiencies/Yields**



# CCIR at Tulip ...

- Historically pencil & paper
- Data uploaded to MHS/FSA manually by inspectors
- No direct link to pig payments causing confusion for farmers
- Paper reports posted back ... latterly email



# CCIR at Tulip ...

- **2011:** Electronic Data Capture terminals. All sites.
- 'Part' & 'Condition' logged by meat inspector (FSA)  
**Consistent**
- Data shared with pig payments & Innova.
- Emailed directly to producers





Lot

|         |          |         |          |         |            |
|---------|----------|---------|----------|---------|------------|
| Lot no: | Lot Slap | Species | Max:Done | Counter | Kill Date  |
| 000033  | NX1017   | PIGS    | 203:114  | 2284    | 20/05/2014 |

Body part

Condition

- Guts Inc. Pancreas &
- Heart
- Kidney
- Liver
- Lungs
- Tongue
- Full Pluck**
- Pleura (Offal)
- Trim\*

|                         |                    |                                |                           |
|-------------------------|--------------------|--------------------------------|---------------------------|
| Abscess                 | Contamination Bile | Contamination Gut Content Offa | Contamination Hair        |
| Machine Damage          | Pleurisy           | Pneumonia With Abscess         | Pneumonia Without Abscess |
| Pneumonia With Pleurisy | Tb-like Lesions    | Other - Processing Fault       |                           |

Other condition

- Other





Lot

| Lot no: | Lot Slap | Species | Max:Done | Total Condemned | Detain No. | Kill Date  |
|---------|----------|---------|----------|-----------------|------------|------------|
| 000033  | NX1017   | PIGS    | 203:4    | 0               | 179        | 20/05/2014 |

Body part

|             |              |
|-------------|--------------|
| Total       | Half Carcase |
| Fore 1/4    | Hind 1/4     |
| <b>Leg</b>  | Loin         |
| Ribs (Inc   | Leg (Part)   |
| Chump       | Shoulder     |
| Hand        | Belly        |
| Skin        | Skin (Part)  |
| Trim        | Pleura       |
| Head        | Hock (Fore)  |
| Hock (Hind) | Tail         |
| Trotter     | Neck         |

Condition

|                              |                          |                       |                          |
|------------------------------|--------------------------|-----------------------|--------------------------|
| Abscess                      | Bruising                 | Contamination<br>Bile | Contamination<br>Grease  |
| Contamination<br>Gut Content | Contamination<br>Hair    | Fight/bite<br>Wounds  | Fracture                 |
| Joint Lesions -<br>Arthritis | Joint Lesions -<br>Other | Machine<br>Damage     | -Other (Factory<br>Resp) |

Other condition

|       |
|-------|
| Other |
|-------|

Parts Removed  
After Scale

X2 Body Part

Factory  
Responsible

**Total No. of Pigs Killed:** 799**Site:** Ashton**Date:** 25/05/2015 - 28/05/2015**Farm:** N/A**Slap Mark:** N/A**Show:**  Producer Resp. Conditions Factory Resp. Conditions**PROVISIONAL DATA ONLY**Ante Mortem Data

| Standard Conditions        |                        |                            |
|----------------------------|------------------------|----------------------------|
| Condition                  | No. of Pigs Identified | No. Disposed of in Lairage |
| Abnormal Respiratory Signs | 4                      | 0                          |
| Localised Swelling/ Lumps  | 3                      | 0                          |
| Lameness - Not Defined     | 2                      | 0                          |
| Tail Bite                  | 2                      | 0                          |
| Hernia/Rupture             | 1                      | 0                          |

| Suspect Notifiable Diseases |                        |                            |
|-----------------------------|------------------------|----------------------------|
| Condition                   | No. of Pigs Identified | No. Disposed of in Lairage |
| <b>No Records Found</b>     |                        |                            |

Post Mortem Data

| Carcase/Parts     |  |                   |
|-------------------|--|-------------------|
| Part              | Condition                              | No. of Rejections |
| Total Condemned   | Suspect Pyaemia/ Multi Abscesses-Other | 3                 |
| Total Condemned   | Anaemia                                | 1                 |
| Total Condemned   | Poly-Arthritis                         | 1                 |
| Trim              | Peritonitis                            | 7                 |
| Pleura            | Pleurisy                               | 4                 |
| Trim              | Pleurisy                               | 4                 |
| Head              | Abscess                                | 3                 |
| Belly             | Abscess                                | 2                 |
| Ribs (inc Pleura) | Abscess                                | 2                 |
| Trim              | Abscess                                | 2                 |
| Belly             | Bruising                               | 2                 |
| Trim              | Bruising                               | 2                 |
| Leg (Part)        | Abscess                                | 1                 |
| Head              | Bruising                               | 1                 |
| Belly             | Peritonitis                            | 1                 |
| Tail              | Tail Bite                              | 1                 |

| Offal                       |                         |                   |
|-----------------------------|-------------------------|-------------------|
| Part                        | Condition               | No. of Rejections |
| Guts inc. Pancreas & Spleen | Enteric Disease         | 15                |
| Heart                       | Pericarditis            | 10                |
| Liver                       | Peritonitis             | 9                 |
| Full Pluck                  | Pneumonia with Pleurisy | 8                 |
| Lungs                       | Pleurisy                | 3                 |
| Lungs                       | Pneumonia               | 3                 |
| Guts inc. Pancreas & Spleen | Peritonitis             | 2                 |
| Full Pluck                  | Abscess                 | 1                 |
| Liver                       | Milk Spot - Generalised | 1                 |
| Full Pluck                  | Pleurisy                | 1                 |
| Lungs                       | Pneumonia with Pleurisy | 1                 |

# Fine Tuning ...

- Variations in CCIR between Tulip sites and when compared to BPHS scores
- Project to monitor several trial loads ...
  - Individual plant logistics & layout
  - Old habits hard to break
  - Meat inspector training – temps
  - Condition cards - ongoing

# Further areas of investigation

- Revised terminal layouts ... more user-friendly



# Lungs

## EXISTING

## PROPOSED

**Hellenic Systems Ltd. VET TERMINAL** v1.6.0 Free Space: 41944 cond. 13:33

| Lot no: | Lot Slap | Species | Max:Done | Counter | Kill Date  |
|---------|----------|---------|----------|---------|------------|
| 000033  | NX1017   | PIGS    | 203:114  | 2284    | 20/05/2014 |

| Body part            | Condition               |                    |                                |                           |
|----------------------|-------------------------|--------------------|--------------------------------|---------------------------|
| Guts Inc. Pancreas & | Abscess                 | Contamination Bile | Contamination Gut Content Offa | Contamination Hair        |
| Heart                | Machine Damage          | Pleurisy           | Pneumonia With Abscess         | Pneumonia Without Abscess |
| Kidney               | Pneumonia With Pleurisy | Tb-like Lesions    | Other - Processing Fault       |                           |
| Liver                |                         |                    |                                |                           |
| <b>Lungs</b>         |                         |                    |                                |                           |
| Tongue               |                         |                    |                                |                           |
| Full Pluck           |                         |                    |                                |                           |
| Pleura (Offal)       |                         |                    |                                |                           |
| Trim*                |                         |                    |                                |                           |
| Other condition      |                         |                    |                                |                           |
| Other                |                         |                    |                                |                           |

**Hellenic Systems Ltd. VET TERMINAL** v1.6.0 Free Space: 41944 cond. 13:33

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| Body part            | Condition |                    |                                |                          |
|----------------------|-----------|--------------------|--------------------------------|--------------------------|
| Guts Inc. Pancreas & | Abscess   | Contamination Bile | Contamination Gut Content Offa | Contamination Hair       |
| Heart                | Pleurisy  | Pneumonia          | Pneumonia With Pleurisy        | Other - Processing Fault |
| Kidney               |           |                    |                                |                          |
| Liver                |           |                    |                                |                          |
| <b>Lungs</b>         |           |                    |                                |                          |
| Tongue               |           |                    |                                |                          |
| Full Pluck           |           |                    |                                |                          |
| Pleura (Offal)       |           |                    |                                |                          |
| Trim*                |           |                    |                                |                          |
| Other condition      |           |                    |                                |                          |
| Other                |           |                    |                                |                          |



# Further areas of investigation

- Revised terminal layouts ... more user-friendly
- FBO SOP's
- RFID gambrel tags
- More detained terminals on the line
- Hellenic / Innova interface - mappings

