

On-Farm Food Safety (HACCP Based)

(Quality Assurance Program)

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Quality Assurance Program

(Based on HACCP Principles)

Initiated by: Alberta Chicken Producers
Alberta Chicken Processors

Objectives: Improve Product Quality
Address Food Safety
Reduce Inefficiencies
Increase Profits

Development Steps

- **Inventory Assessment**
- **Define the Product**
- **Define the Process**
- **Assess the Hazards**
- **Determine Control Measures**
- **Establish: Monitoring Procedures / Limits**
 - : **Corrective Actions**
 - : **Record System**
 - : **Pay for Quality System**

Poultry House Inventory

Assess: **Feed System**
 Water System
 Ventilation System

? What Population Will The Facility Support ?

Define the Product

- **Live Broiler Chicken**

Processor Specified Weight

Characteristics (i.e. uniform)

Adequate Feed Withdrawal

Minimal Disease (Pathogens)

Free of Antibiotic (Chemical) Residues

Define the Process

- **Cleaning & Sanitation**
- **Facility Preparation**
- **Incoming Supplies (Chicks, Feed, Litter)**
- **Brooding & Growing**
- **Pre-harvest (Preparation for load out)**
- **Harvest (Load out)**

Assess the Hazards

- **Biological**

 - Disease From previous flock

 - Disease Introduction (Biosecurity)

 - Disease From Incoming Materials (Chicks,
Feed, Litter, Water, etc.)

- **Chemical**

 - Hazardous Chemicals (Feed, Water, litter)

 - Incorrect use of Drugs, Sanitizers, etc.

- **Management Practices Affecting Quality**

Determine Control Measures

Written S O P's (Standard Operating Procedures)

1. **Cleaning / Sanitation / Facility Preparation**
2. **Pest Control**
3. **Incoming Materials (chicks, feed, meds**
4. **Water Management**
5. **Feed Management**
6. **Pre-harvest / Harvest (Load out)**
7. **Mortality & manure disposal**
8. **Emergency procedures**

Determine Control Measures

Critical Control Points (CCP's)

- Biosecurity\
- Pest Control
- Disease - Treatment
(Chemical Residues)

Monitoring and Records

- **Flock / Farm Records (Daily, Weekly)**
- **Pre-Slaughter Record**
 - Originates at the Hatchery
 - Vaccinations, Diseases, Treatments, etc. - Recorded on farm
 - Record sent to processing plant 3 days prior to slaughter
- **Live Haul Report**
 - Load out problems, weather, feed withdrawal

Processing Assessment

- **Mega Regs - E.coli & Salmonella**
- **Quality - Condemnations, Grades**
- Size, Yields, Utilization
- **Serological Monitoring**
- **Feed back information to grower**

National Programs

- **Adopted by National Commodity Groups**
- **Submitted to CFIA for Approval**
 - **Broiler Chicken (Approved)**
 - **Broiler Breeders (Not yet approved)**
 - **Turkey (Not yet approved)**
 - **Swine (Approved)**
 - **Beef (Not yet approved)**

National Programs

- Provincial groups have task of delivery / implementation on farm
- Alberta Chicken Producers made the program mandatory as of April 1/ 04
(Attached it to license to produce)

Thank You

For Your Attention