

**EGG FARMERS
OF CANADA**

Dedicated to Quality



**LES PRODUCTEURS
D'ŒUFS DU CANADA**

Dédiés à la qualité

***Salmonella* Enteritidis Monitoring and Control in the Table Egg Industry**

December 1st, 2010



Outline

- ❑ **Start Clean-Stay Clean™**
- ❑ **Program Implementation**
- ❑ **SE Protocol**
- ❑ **Provincial SE Protocols**
- ❑ **The Next Generation – Start Clean-Stay Clean™: Pullet**
- ❑ **Vaccination as a Control Measure**
- ❑ **Audit and Compensation**
- ❑ **New Initiatives**
- ❑ **Sampling and Testing Methodology for the Detection of SE**
- ❑ **Housing and Manure Management**
- ❑ **Unregulated Flocks and Divergent Government Policies**

Start Clean-Stay Clean™



- ❑ **Based on our first OFFSP: *Safe From Salmonella***
- ❑ **The Start Clean-Stay Clean™ Program is a generic, voluntary HACCP-based on-farm food safety industry program (OFFSP) with the following aim:**
 - To reduce and prevent, and where possible eliminate, biological and chemical contaminants in the production unit environment, the pullet, the hen and primarily the egg

Program Implementation



- ❑ **CFIA recognition, a 3-stage process:**
 - ▲ Stage 1: technical review
 - ▲ Stage 2: on-farm implementation of the program
 - ▲ Stage 3: third-party audit

- ❑ **The Start Clean-Stay Clean™ Program is based on HACCP management principles and Good Management Practices**

- ❑ **On-Farm 3-part audit conducted by trained inspectors**

SE Protocol

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- Provincial Boards test for SE**
- Environments tested 8-10 weeks prior to end of lay**
- Eggs diverted to pasteurization in rare cases of an SE+**

Provincial SE Protocols



□ Quebec:

- ▲ Test layers 4 times per cycle
- ▲ Test pullets 2 times per cycle

□ Ontario:

- ▲ Test pullets 1 time per cycle
- ▲ Vigorous post positive testing

The Next Generation Start Clean-Stay Clean™: Pullet

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- ❑ **National OFFSP for pullets**
- ❑ **Based on HACCP principles and Good Management Practices**
- ❑ **CFIA Technical Review**

Vaccination as a Control Measure

- ❑ **Good control measure – with its limitations**
- ❑ **Vaccination is only one control measure**
- ❑ **Dr. Boulianne's research involving one bacterin with two immunizations resulted in partial protection for layers**

Audit and Compensation

- ❑ **Audit tied to level of EFC compensation received**
- ❑ **Full compensation based on receiving at least 90% on Part 1 and full points for the cooler**
- ❑ **Percent score for ratings under 90% equals percentage of compensation received**

New Initiatives



□ **New compensation model**

- ▲ Risk management tool for producers with business losses due to SE on their farm
- ▲ Insurance program to be tied with Start Clean-Stay Clean™ and the SE environmental sampling program
- ▲ National in scope

□ **Traceability**

- ▲ National standards development
- ▲ Product tracking and tracing
- ▲ Meets government traceability objectives

Sampling and Testing Methodology for the Detection of SE



- ❑ **Provincial protocols may vary**
- ❑ **Challenges with laboratory sample processing turnaround times and human and financial resources available.**

Housing and Manure Management

- ❑ **Manure management for odor control**
- ❑ **New bird housing systems**

Unregulated Flocks and Divergent Government Policies



- ❑ We have no control over backyard flocks**
- ❑ Unregulated producers may follow different or limited food safety programs**
- ❑ Divergent policies among government portfolios**



Thank You