1. PURPOSE

To describe the sanitation procedures of the Layer barn in preparation for disinfection.

2. RESPONSIBILITY

2.1 Poultry Unit Manager
2.2 Poultry staff

3. MATERIALS

3.1 Shop Vac
3.2 Plastic covering
3.3 Duct tape
3.4 Industrial hose

4. GENERAL CONSIDERATIONS

The Layer barn must be sanitized and disinfected after the birds have left and before contact with the next shipment of birds.

The Poultry Unit staff performs the sanitation of the Layer Barn and a commercial company carries out the disinfection.

5. PROCEDURES

5.1 Contact the company to arrange for the disinfection of the barn as soon as you know the birds are leaving. Schedule disinfection for 1 week after the departure of the birds to allow sufficient time for sanitation of the barn.

Services Excell-Net Inc.
Luc Bétournay

Tel: 450-370-4566
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5.2 FEEDERS (Room 100):

5.2.1 Remove the Plexiglas from each automatic feeder on each aisle. (Fig. 1)

Figure 1: Feeder Plexiglas removal
5.2.2 Position the feeder at the end of the row using the Feeder Control Panel. (Fig. 2)

5.2.2.1 Switch from AUTO to BY HAND (B).

5.2.2.2 Turn the dials of Lines 1 to 4 (D) to the OFF position.

5.2.2.3 Turn the dial for the corresponding row (D) to be cleaned to the ON position.

5.2.2.4 Turn the BY HAND dial (A) to the left to move it to the end of the housing system.

5.2.3 Remove the metal protective covering of the manure belt by applying pressure with the thumbs on each end and pushing downward.

5.2.4 Remove the feed from the hopper and auger line using the shop vac. Empty contents in the manure pit at the end of the aisle, as needed.

5.2.5 Remove the grill on top of the feeder.

5.2.6 Return the feeder to the start/home position (Fig. 2):

5.2.6.1 Turn the BY HAND button (A) to the right until the feeder has reached the originating position.

5.2.6.2 Turn the corresponding line button (D) to the OFF position.

5.2.7 Vacuum the feed from the mangers using shop vac. Empty contents in the manure pit at the end of the aisle, as needed.

5.2.8 Dispose of manure as per SOP PU-305 Manure Management: Layer Barn.

5.2.9 Repeat steps 5.2.1 to 5.2.8 for each feeding system for room 200.

5.3 HEAT DUCTS

5.3.1 Open all the covers of the heat ducts by untying the rope from the side hooks.

5.4 VENTILATION DUCTS:

5.4.1 Position the ventilation control panel to the OFF position using a broom stick. (Fig. 3)

5.4.2 Open the side panel of the duct and slide out the black exhaust deflector.

5.5 Repeat steps 5.3 and 5.4 for room 200.

5.6 Cover all the electrical panels on the walls of Room 100 and 200 with plastic covering and securely seal with duct tape.
5.7 EGG COLLECTION STATION: (room 100)

5.7.1 Remove the metal work-shelf by sliding it out to the left and remove the yellow tarp from the metal work-shelf.

5.7.2 Place the shelf vertically along the wall. (This will be included with the disinfection procedure).

5.7.3 Remove the white shelf located in the center (Fig. 4)

5.7.4 Cover the control panels with plastic covering and securely seal with duct tape.

5.7.5 Repeat steps 5.7.1 to 5.7.4 for each station.

5.8 Remove any miscellaneous equipment from rooms 100 and 200 (e.g. buckets, brooms, etc...), except for the ladder.

5.9 SANITATION.

5.9.1 Connect the industrial hose to the water outlet on the south wall of the layer room 100. (Fig. 5)

5.9.2 Rinse all surface of the housing equipment and the barn (room 100), including the inner part of the ventilation ducts (accumulates the most dust).

5.9.3 Repeat in room 200.

5.10 Perform any equipment maintenance and repairs at this time, if required.

5.11 The room is now ready for disinfection.

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**Document Status and Revision History**

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Figure 4: Egg Collection Station

Figure 5: Hose connection