1. PURPOSE

To describe the procedures required to prepare the disinfected barn (Rooms 100 and 200) for housing of layer hens.

2. RESPONSIBILITY

2.1 Poultry Barn Staff
2.2 Poultry Barn Technician

3. MATERIALS

3.1 LPS Food Grade H1 Clear Penetrating Grease.
3.2 Scale
3.3 Paper and pen

4. PROCEDURES

4.1 Remove plastic covering from all electric panels in rooms.
4.2 Oil the mechanical chains and shaft bearings of the egg collection station with LPS Food Grade H1 Clear Penetrating Grease.
4.3 REASSEMBLE HOUSING SYSTEM:
   4.3.1 Place the Plexiglas on the automatic feeders (Fig 1).
   4.3.2 On the Control panel, turn dial to BY HAND position.
   4.3.3 Position the feeder away from the overhead pipe (Fig. 2) using the Feeder Control Panel on the South wall of the barn (Fig. 4):
       - 4.3.3.1 Switch from AUTO to BY HAND (B).
       - 4.3.3.2 Turn the FUNKTION dial (C).
       - 4.3.3.3 Turn the dials of Lines 1 to 4 (D) to the OFF position.
       - 4.3.3.4 Turn the dial for the corresponding row (D) to be cleaned to the ON position.
       - 4.3.3.5 Turn the BY HAND dial (A) to the left. Advance the feeder for approximately 5 seconds or until the feeder is clear of the overhead obstacle. (Fig.4).
       - 4.3.3.6 Turn the corresponding line button (D) to the OFF position to stop the feeder.
       - 4.3.3.7 Repeat steps 4.3.3.4 to 4.3.3.6 for each Housing system (Linen) in the room.
   4.3.4 Install the metal manure conveyer belt protector (Fig. 3).
   4.3.5 Return the feeders to the start/ home position (Fig.2):
       - 4.3.5.1 Turn the BY HAND button (A) to the right until the feeder has reached the originating position.
4.4 REASSEMBLE EGG COLLECTION STATION (ROOM 100 AND 200)

4.4.1 Insert the white shelf in the center.
4.4.2 Insert the metal work-shelf by sliding it to the right onto the bracket support and lay the yellow tarp over it.
4.4.3 Repeat for each egg collection station in Rooms 100.

4.5 Activate the Feed System to ensure it is operating correctly.

4.5.1 Turn the system ON by switching the Control Panel lever in the upward position.
4.5.2 Run the system for 10-15 seconds.
4.5.3 Turn the system OFF by switching the Control Panel lever to the downward position.
4.5.4 Repeat for each feeding station.

4.6 Return all miscellaneous equipment (brooms, garbage bins, carts, etc.) to the room.

4.7 Ensure all the water nipples are in working order.

4.8 Place the feed order with the vendor and fill silo.

4.9 FILL FEEDING STATIONS one week prior to the arrival of the hens.

4.9.1 Ensure that all feeding stations are in the HOME position.
4.9.2 Activate the system by switching the Control Panel lever in the upward position.
4.9.3 The system will automatically stop when the feeders are full.

4.10 CALIBRATE FEEDING STATIONS:

4.10.1 On the Feeder Control Panel (Fig. 4):

4.10.1.1 Turn the dial for the corresponding Housing Line (D) in the ON position.
4.10.1.2 Turn the BY HAND dial (A) to the middle position.
4.10.1.3 Turn the FUNKTION dial (C) to the right.

4.10.2 Position the feeder midway between the HOME and END positions of the housing system.

4.10.2.1 Turn the BY HAND dial (A) to the left to activate the feeder.
4.10.2.2 Stop the feeder by turning the dials for the corresponding Line to the OFF position. (D)

4.10.3 Randomly select a cage on the top-most level located between the feeder and the HOME position.
4.10.4 Collect all the feed in front of the cage and place it in the receptacle of the scale and record the weight.
4.10.5 Cages should be provided with the required amount of feed per cage: (Table 1).
Table 1: Required feed volumes for layer hens

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<tr>
<th>ROOM</th>
<th>CAPACITY</th>
<th>FEED QUANTITY per cage</th>
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<tbody>
<tr>
<td>100</td>
<td>6 birds/cage</td>
<td>113g - 120g (max)</td>
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<tr>
<td>200</td>
<td>3 birds/cage</td>
<td>56.5g – 60g (max)</td>
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** Insufficient volumes are NOT ACCEPTABLE
** Supplementary volumes are permitted within acceptable limits (see maximum quantity)

4.10.6 If required, adjust the wingnuts located on each side of the feeder for the corresponding housing level:

- Turn LEFT to REDUCE the quantity.
- Turn RIGHT to INCREASE the quantity.

4.10.7 Following the adjustments, position the feeder to the END position of the housing system by turning the BY HAND dial on the Feeder Control Panel to the left (Fig. 4).

4.10.8 Randomly select a cage on the same housing level located between the feeder and the END position.

4.10.9 Repeat Steps 4.10.3 to 4.10.6.

4.10.10 Remove the feed from the manger of the corresponding housing level using a shop vac.

4.10.11 Repeat the assessment steps 4.10.2 to 4.10.11 until the appropriate distribution of feed for each housing level is validated.

4.10.12 Once Calibrated, return the feeder to the HOME position. Leave the feed in the manger until the hens arrive.

4.11 Verify the proper operation of the ventilation system as per SOP HVAC Verification.

Document Status and Revision History

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