

MANURE MANAGEMENT: BROILER BARN**1. PURPOSE**

To describe how to clean and manage the Manure system in the broiler barn servicing all rooms.

2. RESPONSIBILITY

- 2.1 Poultry Unit Staff
- 2.2 Poultry Unit Technician
- 2.3 Student volunteers

3. MATERIALS

- 3.1 Metal stick hooks
- 3.2 Scraper
- 3.3 Trailer

4. PROCEDURES

- 4.1 Manure is collected and disposed at the end of the study (45-day endpoint) or once the birds have been shipped.
- 4.2 Remove the metal floor panels of the manure conveyer system.
 - 4.2.1 Insert the metal stick hooks into the hole of the metal floor panel, diagonally, on opposite ends.
 - 4.2.2 Lift and set aside without obstructing the passageway.
- 4.3 Shovel the bedding waste from the pen into the center aisle.
- 4.4 Remove the feedbag obstructing the manure system's exit port in the conveyer room 602. The feedbag serves to prevent cold air from entering the barn during colder months.
- 4.5 Start the operation of the pit conveyer belt using the control panel in room 602. (Figure 1)
- 4.6 Transfer the soiled bedding/ manure from center aisle onto the manure conveyor.
- 4.7 Assist the movement of waste material/ manure on the pit conveyor belt using a scraper if needed.
- 4.8 Sweep leftover manure dust onto the manure pit with a rigid broom.
- 4.9 Turn off the pit conveyor belt using the control panel in Room 602 once the manure trailer is full.
- 4.10 Using a tractor, transport and empty the manure trailer in the manure barn.
- 4.11 Return the manure trailer to the Poultry Barn and park under the conveyor.
- 4.12 Repeat steps 4.6 to 4.11 until all spoiled bedding/ manure has been disposed of.
- 4.13 In winter months, replace the straw-filled feedbags at the conveyer exit port to block cold air.
- 4.14 Return floor panel back in place using the metal stick hooks.



Figure 1. Manure pit control panel

Document Status and Revision History

DATE	NEW VERSION
9-July-2019	Version 03: Full Revision: MAC Campus FACC approved
21-Jun-2023	Version 04: reviewed and approved by MAC Campus FACC