

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

The aim of this SOP is to describe the procedures for daily monitoring of temperature in the Broiler Barn to ensure that the environmental parameters are maintained at a level that promotes good health for the broiler chickens.

2. RESPONSIBILITY

- 2.1 Poultry Staff
- 2.2 Poultry Barn Manager

3. MATERIALS

- 3.1 Tablet + Excel application

4. GENERAL CONSIDERATIONS

- 4.1 Temperature and Humidity readings are monitored and recorded daily (morning).
 - 4.1.1 Ambient temperature: 30-34°C for the first 3 to 5 days upon arrival, then decrease the temperature by one degree every 3-4 days in reference to the PU-A-2A: Broiler Temperature Management Chart.
 - 4.1.2 Humidity 25-60%
- 4.2 Irregular temperatures may contribute to health problems. If the birds are clumping together tightly, this means that the temperature is too cold. If the birds are panting and look lethargic, then this is a sign that the birds are too warm.

5. PROCEDURES

- 5.1 Enter the Broiler barn as per SOP [DC-101: Biosecurity: Poultry Unit](#).
- 5.2 TEMPERATURE RECORDING:
 - 5.2.1 Temperatures are monitored via the control panels located on the South wall of the barn. Temperature controllers are individually identified with a number corresponding to the room it is reading.
 - 5.2.2

5.3 TEMPERATURE SETTING

5.3.1 Small room 1 controller (room 1430) set the controller to 31

5.3.2 Big room 2 controllers (room 1200) 2 on the left and 2 on the right 1L/2L and 1R and 2R

5.3.2.1 1R set for 30 degrees

5.3.2.2 2R set for 32

5.3.2.3 1L set to 30

5.3.2.4 2L set to 32

5.3.3

