INSTRUCTIONS FOR WOODEN INCUBATORS
Cut out instruction panel below and affix to incubator

AT LEAST 2 WEEKS PRIOR TO SCHEDULED EMBRYOLOGY PRESENTATION,
BEGIN CALIBRATION OF INCUBATOR.
IT IS ABSOLUTELY NECESSARY THAT INCUBATOR BE CALIBRATED BEFORE SETTING EGGS.

1) Plug in incubator to turn it on. Replace any burned out bulbs. If replacement bulbs are needed, call Lancaster County Extension at 441-7180. If incubator is not working, call CMF at 436-1072.

2) Fill one pan with warm water — DO NOT USE HOT WATER. [Figure 1]

3) In center of incubator, place thermometer on top of sponges — thermometer should be about egg height. [Figure 2]

4) Tape over edges of door with wide masking tape. [Figure 3]

5) Let incubator run for about 24 hours before checking temperature. Note: the lights will cycle on and off.

6) OPTIMUM TEMPERATURE IMMEDIATELY AFTER LIGHTS HAVE CYCLED OFF IS BETWEEN 99°F TO 102°F [Figure 4].

7) If temperature is below 99°F or above 102°F IMMEDIATELY AFTER LIGHTS HAVE CYCLED OFF, adjust temperature accordingly:
   a) Turn adjusting bolt or L-screw found on back of incubator [Figure 5] COUNTERCLOCKWISE to INCREASE temperature or CLOCKWISE to DECREASE temperature [Figure 6]. Generally, make only small adjustments such as ½ or ¼ turns. Note: if increasing temperature, turn at least past where adjustment triggers lights to cycle on. If decreasing temperature and lights cycle on soon afterwards, may need to adjust further.
   b) After adjusting temperature, allow the incubator to operate for ½ day to stabilize the setting.
   c) Recheck the temperature.
   d) Repeat this process as often as necessary until temperature consistently reads between 99 to 102°F IMMEDIATELY AFTER LIGHTS HAVE CYCLED OFF. Incubator is then calibrated.

8) Keep pan filled with warm water at all times — water will completely evaporate every few days.

9) Once incubator is calibrated, tighten the wing nut (turn clockwise) to secure the setting. At this point it is important to leave the setting alone.

IMPORTANT: ONLY TAKE TEMPERATURE READINGS IMMEDIATELY AFTER LIGHTS HAVE CYCLED OFF!

ONLY if you see the temperature drop below 99 °F or above 102 °F IMMEDIATELY AFTER LIGHTS HAVE CYCLED OFF should you try to make new adjustments to the temperature. Note: about halfway through incubation process, you MAY note the temperature is increasing and you may have to adjust temperature down — this is normal and is caused by the embryos forming into chicks and generating heat.