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| **Sample #** | **Cup Weight** | **Cup + Diet Wt** | **Larval Wt + Diet** |
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**Protocol:**

1. Obtain larval trays from incubators.
2. Count how many larvae need to be transferred to new cups with diet.
   1. **Summer larvae** need to be transferred after ***3 days*** (16:8).
   2. **Winter larvae** need to be transferred after ***5 days*** (12:12).
3. Weigh new cups and record weight on data sheet.
4. Write sample # on each cup. (Original plate date, tray number, and position in tray)
5. Place diet into cup and re-weigh.
6. Poke 4 small holes in the top of each lid.
7. Label each lid with the date, asterisk, and the sample number.
8. Move larvae into new cups and re-weigh.