1. PURPOSE

To describe procedures to harvest milk in a pail for the purpose of

- Harvesting colostrum from a Fresh cow or
- Discarding milk from Antibiotic treated cows.

2. RESPONSIBILITY

All permanent, casual and student staff.

3. MATERIALS

3.1 Pail
3.2 Lid
3.3 Rubber seal,
3.4 Hose(s)
3.5 Teat dip solution (4XLA)
3.6 Meter for milk testing

4. GENERAL CONSIDERATIONS

4.1 Cows on antibiotics are identified by Red Leg bands and an “Antibiotic” card hanging overhead. Milk should be discarded. Refer to DC-A-4D: Leg Band Colour Legend.

4.2 Milk harvested from Fresh cows must be dealt with according to the instructions on the Milker Action Sheet and the sheet up-dated after milking.

4.3 One person MUST remain in the dairy barn with the cows being milked at all times.

5. PROCEDURES

5.1 Read the Milker Action Sheet instructions for Treated cows and Fresh cows needing to be milked into a pail.

5.2 Gently remove any bedding from the udder.

5.3 Dip the entire teat in the teat dip solution (4XLA). The dip must stay on the teat for a minimum of 20 seconds to be effective.

5.3.1 If the teats / udder are very dirty. DO NOT DIP;

5.3.1.1 Wet a paper towel in the small bucket of teat wash on the milk cart and remove any manure from the teat and surrounding area of the udder where the milker could make contact.

5.3.1.2 Dry the teats using a paper towel.

5.3.1.3 Dip the teats in the teat dip, wait for 20 seconds and proceed as normal.

5.4 Dry the teats and remove the dip solution using a clean paper towel.

5.5 Strip 4 good streams of milk from each quarter into the stripping cup.

5.6 Observe the milk quality after each quarter. Any variation (e.g. Clots, watery etc.). MUST be noted on the Observation Sheet located on the milk cart.

5.7 Wait at least 60 seconds then put the milkers on to allow the milk to be let down.

5.8 Empty the pail into the manure gutter ONLY in the Dairy Barn. As much as possible, do not allow the milk to go down the drain in the milk house; the fat from the milk will clog the drain.
5.9 Check when treated cows receiving intra-mammary infusions are receiving treatments (am or pm). The treatment book is on the dairy office desk. Treatments MUST be administered immediately after milking for maximum efficiency. Refer to SOP DC-306: Mastitis Treatment.

5.10 Wash equipment and Milk House as per SOP DC-606: Post Milking Procedures.

### Document Status and Revision History

<table>
<thead>
<tr>
<th>DATE (yyyy-mm-dd)</th>
<th>PREVIOUS VERSION</th>
<th>NEW VERSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017-11-07</td>
<td>Revision# 01 (New)</td>
<td>MAC FACC approved</td>
</tr>
<tr>
<td>2020-09-13</td>
<td></td>
<td>Section 4.1.: added “Refer to DC-A-4D: Leg Band Colour Legend.”</td>
</tr>
</tbody>
</table>