1. PURPOSE
To ensure the consistent preparation of milk replacer.

2. RESPONSIBILITY
All permanent, casual and student staff feeding calves.

3. MATERIALS
3.1 Milk replacer (MR) (blue plastic bin with a green lid) with pre-measured cup
3.2 Thermometer
3.3 Tall blue bin
3.4 Electric drill and mixing bit
3.5 Extension
3.6 Jug

4. PROCEDURES
4.1 The preparation ratio is 1 pre-measured cup of Milk Replacer (MR) to 2 Litres of water at 37.8°C
4.2 Refer to the Calf Barn Plan located on the blue door in necropsy room to determine quantity of milk replacer to prepare.
4.3 Wash hands.
4.4 Place all the necessary feeding material (e.g., nipple pails, gang feeders, bottles, etc.) and the tall blue bin in the cart.
4.5 Add the total calculated MR powder to the water and mix until smooth ensuring to dissolve any sediment.
4.6 Check with your clean hands to ensure there are not any lumps. Continue to mix if necessary.
4.7 Add cold water gradually and mix regularly until a temperature of F 36.6 - 37.8°C is attained.
4.8 Regularly monitor the temperature using a THERMOMETER.
4.9 Refer to the Feeding Chart (Fig.1) for the quantity of MR to be fed and the method of feeding (e.g., bottle, nipple pail, gang feeder).

Figure 1: Calf feeding chart example.