

Macdonald Campus Farm Cattle Complex Standard Operating Procedure # DC-504

NEWBORN CALF CARE

1. PURPOSE

To provide proper health care to a newborn calf. This will give the calf the best start at a long, healthy, productive life.

2. RESPONSIBILITY

- 2.1 Trained and qualified personnel
- 2.2 Herd Manager

3. MATERIALS

- 3.1 Navel dip (iodine based)
- 3.2 Towels
- 3.3 Calf coat
- 3.4 Ear tags
- 3.5 First Defense and applicator
- 3.6 Treatment book
- 3.7 Weigh scale or weight tape
- 3.8 Colostrum
- 3.9 Gloves
- 3.10 MuSe® or equivalent (e.g., Dystocel, Selon-E)

4. PROCEDURE

- 4.1 Make sure the dam will allow you to get close to her calf.
- 4.2 HEALTH MONITORING:
 - 4.2.1 Breathing:
 - 4.2.1.1 <u>Aspiration of amniotic fluid</u>: If you suspect the calf has aspirated amniotic fluid,
 - Gently pull the calf up by the hind legs to allow the fluid to drain from the mouth and nose.

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4.4 TEMPERATURE:

- 4.4.1 Cover the calf with a coat on cold days.
 - 4.4.1.1 **NOTE:** You may need to replace the coat several hours
 - 4.4.1.2 If the calf continues to shiver, cover with blankets.
- 4.5 Once the cow is no longer tending to her calf:
 - 4.5.1 Don gloves and spray the entire navel with iodine-based navel dip.
- 4.6 Determine the gender of the animal:
 - 4.6.1 Lift the calf's tail and check the genitalia.
 - 4.6.2 Males have a scrotum containing testicles and a sheath containing a penis, located near the belly. It is possible to confuse the umbilical cord for a penis, so you should focus on locating the testicles.
 - 4.6.3 Females have a vulva, located closer to the tail. The best way to tell if the calf is a fee

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