

## Care and Management of New Born Calf

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The lungs of fetus do not function when a fetus remains in the mother womb, oxygen and food to the fetus comes from the mother blood through placenta. The person working in animal husbandry should do such thing as soon as possible so that the child breathing should start

### 1. Remove the mucous membrane from nose and mouth

- ✚ Mucus also known as phlegm from the child snout as far as possible remove so that it can breathe.
- ✚ Just after the birth of fetus allow mother to licks it will lead to provoke feeling of motherhood towards the child and start respiration and blood circulation.
- ✚ The assistant/farmer should lie down the fetus in front of mother to help in licking.
- ✚ Putting a leaf and some amount of straw on the nose, it will itch in the nose and it will sneeze and the trapped mucous will come out.
- ✚ Hold the calf by the rear legs and lift from the floor with the head down. This may be repeated several times and helps in restoring respiration.
- ✚ Some time respiration does not start then immediately adopt the method of artificial respiration.

### 2. Cutting the umbilical cord

- ✚ The navel cord of the calf is tied about 2.5 cm away from the body and cut about one centimetre below the ligature.
- ✚ Wash them with the solution of tincture iodine it will prevent to navel ill disease.

### 3. Feed the Colostrum within 15 minutes of calving, the calf should be fed with colostrum at the rate- 1/10th of body weight and buffalo calves at the rate -1/15th of body weight. Colostrum containing low fat, high protein, vitamins and minerals forms a balanced feed for new-born calves. This helps to protect the calf against various

diseases and eliminate the material accumulated in the digestive tract before it was born.

4. If muconium (first faecal matter) is not voided out, mild enema by dissolving soap in a liter of warm water should be given.
5. Wash the udder of mother with 1%  $\text{kmno}^4$ .
6. Feeding of skimmed milk after 3 week
7. We can also use milk replacer at 2 week
8. feeding the calf starter when new born become 3 week
9. Dehorning at the age of 15 days
10. Calf should be vaccinated from some fatal disease like anthrax, black quarter and hemorrhagic septicemia etc.

