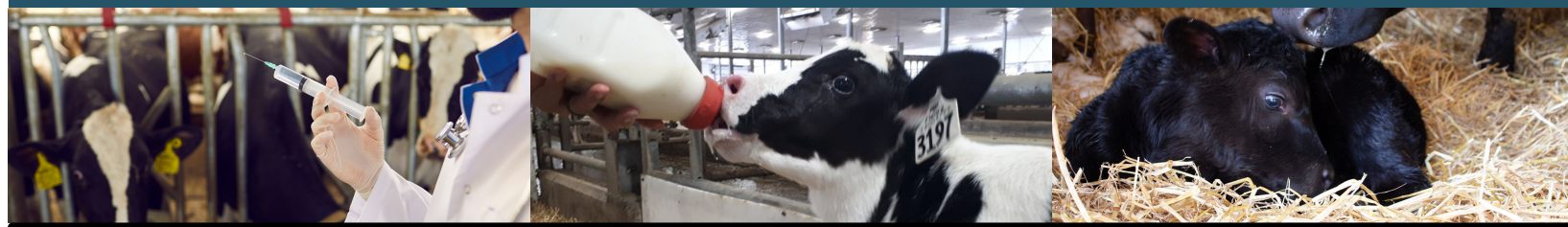


Managing Diarrhea in Neonatal Calves

Prevention



Vaccinate

- **Vaccinating pregnant cows** will provide the most benefit.
- **Vaccinate calves** at birth if dams not vaccinated

Colostrum

- **Feed 4 litres of clean, quality colostrum** as soon as possible after birth but always within 6 hours
- **Antibody supplements** (i.e. First Defense)

Hygiene

- **Maintain a clean, dry environment** beginning with dry cow
- **Keep newborn calves separated** from any calves that are sick or older than 2 weeks

Treatment

<ul style="list-style-type: none"> • Alert/eyes normal • Drinking well • Diarrhea 	MILD	<ul style="list-style-type: none"> • Milk - continue regular feeding • Oral electrolytes - 1 feeding/day • Optional Meloxicam 	
<ul style="list-style-type: none"> • Dull • Drinking slowly or less than expected • Sunken eyes 	MOD	<ul style="list-style-type: none"> • Milk - continue regular feeding • Oral electrolytes - 2-3 feedings/day • Treat with Meloxicam • Discuss antibiotics/other treatment with vet 	
<ul style="list-style-type: none"> • Depressed & weak • Drinking 50% less than expected or not drinking 	SEVERE	<ul style="list-style-type: none"> • Milk - continue regular feeding • Oral electrolytes - 4-5 feedings/day • Treat with Meloxicam • Other therapy-Ab/coccilai with vet 	<div>These calves would benefit from IV fluid therapy</div>



General guidelines for diarrhea treatment

- Don't withhold milk for >12 hrs
- If using esophageal feeder, give 2 liters per feeding
- Separate milk & electrolyte feedings by 2 hrs minimum
- Use oral electrolytes that are formulated for calf diarrhea give 2 litres per feeding