

# Cow Herd Health Management

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# Vaccination Protocol

One Size Does Not Fit All

Veterinary Program Geared To  
Your Individual Management  
And Environment

# Bovine Viral Diarrhea

## Symptoms:

- 1.) Fever
- 2.) Depression
- 3.) No Appetite
- 4.) Nasal Discharge
- 5.) Ulcers in Mouth and Gums
- 6.) Abortion and Resorption
- 7.) Stillborn calves
- 8.) Carrier Calves that Survive Infection in Utero
- 9.) Diarrhea

Diagnosis – Virus can be isolated from blood, milk or tissues

Prevention- Vaccination (Modified Live)

## Respiratory Viruses

### A.) Parainfluenza 3 Virus (PI3V)

- 1.) Spread by aerosol and contact with contaminated surfaces.
- 2.) Affects upper respiratory tract
- 3.) Mild to subclinical if it occurs alone
- 4.) Symptoms can include fever, loss of appetite, nasal and eye discharge rapid breathing and cough.
- 5.) May need to treat for secondary infection.

### B.) Bovine Respiratory Syncytial Virus

- 1.) Younger beef and dairy cattle but can affect all ages.
- 2.) Destroys the mucosal cell so any disease can enter. Can vary from mild to fatal
- 3.) Labored breathing, very high fever, coughing and nasal discharge
- 4.) Antibiotics for secondary infection