

# BEEF COW VACCINE PROGRAM – 2022



Vaccines are used to prevent disease by exposing the animal to a non-pathogenic form of the virus or bacteria. Vaccines do not provide 100% protection but help to lower the chance of picking up infection.

## Cow Vaccine

- **Cattle Master FP5 L5** (*Respiratory and Reproductive Viruses/Bacteria prevention*)
  - o Vaccinate pregnant cows 40-60 days before parturition- **5cc, SQ, in the neck**
    - Bovine Rhinotracheitis, Bovine Diarrhea Virus, Parainfluenza 3, Respiratory Syncytial Virus
    - Lepto- Canicola/Grippotyphosa/Hardjo/Icterohaemorrhagiae/Pomona, Campylobacter Fetus
- **Scour Boss 9** (*Enteric Virus prevention for Calves*)
  - o Vaccinate pregnant cows 40 to 60 days before parturition- **2cc, IM, in the neck**
    - Bovine Rota/Coronavirus, Clostridium Perfringens Type C, E-coli

## Calf Vaccine

**Recommendations are very herd specific. Please consult with Dr. Yarde about what vaccines are best for your operation**

- At Birth (within 24 hrs)
  - o **Inforce 3-** intranasal (*Respiratory Virus prevention*)
    - Give within 24 hrs of birth. Give 2cc in each nostril
  - o **Immu-Prime-** Oral colostrum absorption supplement/ energy boost
    - Give within 24hrs of birth, 4 pumps by mouth, Repeat in 24hrs if needed
  - o **BO-SE** (*Vitamin E/ Selenium for white muscle disease prevention and immune boost*)
    - Give within 24 hrs of birth. Give 3cc, SQ in the neck

**Options for Newborn Calves if Deemed Necessary**  
**Calf-Guard-** oral vaccine @ birth for corona/rota virus  
**Once PMH-** intranasal vaccine @ 10-14 days for bacterial pneumonia  
**EColizer-** oral clostridium perf/ ecoli protection @ birth  
**Immu-Prime-** oral immune boost @ birth to help with colostrum absorption  
**Calf Perk-** Oral energy supplement for slow doing calves.  
**First Defense-** Oral Ecoli/Coronavirus antibodies

- Weaning Vaccines
  - o **Reference Beef Calf Vaccine Instructions 2021**

## Heifer Vaccine

- 45 Days prior to Breeding
  - o **Cattle Master FP5 L5** (*Respiratory and Reproductive Viruses/Bacteria prevention*)
    - Give **5cc, SQ**, in the neck. Give 60 and 30 days prior to breeding
  - o **Ultrabac 7/ Somnus** (*Clostridium/ Pneumonia bacteria*)
    - Give **5cc, SQ** in the neck

## Bull Vaccine

- **Cattle Master FP5 L5** (*Respiratory and Reproductive Viruses/Bacteria prevention*)
  - o Vaccinate with pregnant cows - **5cc, SQ**

## Deworming

- o Recommend doing twice annually in spring and fall. Type of wormer varies by operation needs.
- The goal of a proper deworming program is to “decrease” the parasitic population among the animals in the herd. It is desired to keep some susceptible parasites in the herd to compete with undesired parasites that are resistant to dewormer. Consult with Dr. Yarde about what wormer would be BEST for your livestock.

## General Information (Adult Cows)

Normal Rectal Temp	101.5-103.0	Ruminal Movements	1-1.5/min
Heart Rate	50-80/ min	Gestation Length	283 Days
Respiratory Rate	12-20/min		