

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.

Calf Vaccine Protocol

- At Birth (within 24 hrs)
 - o **Inforce 3**- intranasal (*Respiratory Virus prevention*)
 - Give within 24 hrs of birth. Give 1cc in each nostril or 2cc in ONE nostril
 - o **BO-SE** (*Vitamin E/ Selenium for white muscle disease prevention and immune boost*)
 - Give within 24 hrs of birth. Give 2cc, SQ in the neck
 - o **Immu-Prime**- Oral immune boost/ Ecoli preventative
 - Give within 24 hrs of birth. Give 4 pumps per calf
 - Repeat in 24hrs to weak/sluggish calves

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

- 2-3 Weeks Prior to Weaning
 - o **Cattle Master FP5** (*Respiratory Viruses prevention*)
 - Mix the liquid portion with the solid pack
 - Bovine Rhinotracheitis, Virus Diarrhea, Parainfluenza, Respiratory Syncytial Virus
 - Killed and MLV safe for use on calves nursing pregnant cows
 - Give 2cc, SQ in the neck
 - o **Ultrabac 7/ Somnus** (*7-way clostridium and bacterial pneumonia protection*)
 - Give 5cc, SQ in the neck
 - o **Once PMH- IN** (*Pasturella & Mannheimia bacterial pneumonia Vaccine*)
 - Mix the liquid portion with the solid pack
 - Give 2ml, intranasally, into ONE nostril
 - o Process Calves- Dehorn, Castrate, Tag - Then turn back out with Cows
- At Weaning (booster vaccines)
 - o **Bovi-Shield Gold ONE SHOT** or **Cattle Master FPF** (*Respiratory Virus/Bacteria prevention*)
 - Mix the liquid portion with the solid pack
 - Bovine Rhinotracheitis, Virus Diarrhea, Parainfluenza, Respiratory Syncytial Virus
 - Mannheimia Haemolytica toxoid (*One SHOT*)
 - Give 2cc, SQ in the neck
 - o **Ultrabac 7/ Somnus** (*7-way clostridium and bacterial pneumonia protection*)
 - Give 5cc, SQ in the neck

