



Sample Beef Cow/Calf Vaccination Protocol: Spring Calving

This is a generic protocol. Take this to your herd health veterinarian for final approval, as your veterinarian will have the greatest knowledge about specific diseases that are important in your herd.

Calves

- Birth
 - Up and nursing within 4 hours
 - Ear tag and 7% Iodine dip for navel
 - Castrate bull calves (band)
 - Trace mineral or Se injection*
 - Inforce 3 or Nasalgen IN*
 - C/D and T vaccine (8 way can be aggressive on young calves)*
 - First defense bolus*
- 2-3 months: (when working cows)
 - 5-way respiratory vaccine with lepto (MLV) (example Bovi-shield Gold FP5L5)
 - 7 or 8 Way clostridial vaccine (ex: covexin8, ultrachoice 7, or ultrabac 7)
 - Castrate bull calves (if not done earlier)
 - Fly-tag */Pour-on
 - Implant*
- 4-6 months of age (weaning)
 - 5 way respiratory with lepto: booster
 - 7 or 8 way clostridial booster
 - Deworm: oral or injectable
 - Pour-on insecticide
 - Remove fly tag
 - Implant*

Cows

- 4-6 weeks pre-breeding (breeding animals) OR at least once yearly (Spring):
 - 5-way respiratory with lepto (^MLV: once/yr, Killed: Sp and fall with animal movement)
 - 7 way clostridial
 - Spring: fly tag*
 - Deworm: oral or injectable (once to twice yearly)
 - Pour-on insecticide (Oilers and fed IGR are additional options)
- Fall
 - Booster of viral respiratory vaccine with a killed product (if killed was used in the spring)
 - Pour- on insecticide
 - Remove fly tags
 - Deworm any skinny cow

*denotes optional item based on herd **Key:** 5-way respiratory with lepto: BRSV, IBR, PI3, BVD 1&2 *Leptospira canicola*, *grippotyphosa*, *hardjo*, *icterohaemorrhagiae*, and *pomona*. ^MLV: do not use on naïve pregnant cows

Bulls

- Pre-Breeding:
 - Breeding Soundness Exam
 - 5-way respiratory vaccine with Lepto (MLV preferred can use killed)
 - Deworm oral or injectable
 - Fly tag
 - Pour-on insecticide
- Fall
 - Booster of viral respiratory vaccine with a killed product (if killed was used in the spring)
 - Pour-on insecticide
 - Remove fly tags
 - Deworm: yearlings especially important

Replacement Heifers

- 4-6 weeks pre-breeding
 - 5-way respiratory with lepto (MLV)
 - 7- way clostridial: Especially if under 2 years of age
 - fly tag*
 - Deworm: oral or injectable
 - Pour-on insecticide

Incoming Cattle

- At arrival
 - Inforce 3 IN OR 5-way resp. with lepto
 - 7 way Clostridial
 - Pour-on insecticide
 - Deworm: oral or injectable
 - Antibiotic metaphylaxis: optional
 - Isolate for 10-14 days

Notes:

*denotes optional item based on herd **Key:** 5-way respiratory with lepto: BRSV, IBR, PI3, BVD 1&2 *Leptospira canicola*, *grippotyphosa*, *hardjo*, *icterohaemorrhagiae*, and *pomona*. ^MLV: do not use on naïve pregnant cows

*denotes optional item based on herd **Key:** 5-way respirtatory with lepto: BRSV, IBR, PI3, BVD 1&2 *Leptospira canicola*, *grippotyphosa*, *hardjo*, *icterohaemorrhagiae*, and *pomona*. ^MLV: do not use on naïve pregnant cows