

# West Central Veterinary Services

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## Beef Cow/Calf Vaccination Program (Spring Calving)

This schedule is intended as a general program. Every operation will require customization depending upon the genetics, health history, desired calving season, and the individual owner's goals. Highly recommended vaccinations and procedures are in **bold** print.

### A. Calving Interval

1. Cows—March 10 to June 10
2. Heifers—February 10 to June 10

### B. Breeding Interval

1. Cows—June 1 to September 1
2. Heifers—May 1 to September 1

### C. Breeding Herd

1. Pre-breeding—April/May
  - a. **BoviShield Gold FP 5 L5 HB** \*—IBR, PI3, BVD, BRSV (viruses that cause respiratory disease and/or abortion in cows), and 5 strains of leptospirosis including hardjo-bovis (causes abortion)
  - b. **Deworm** – pour-ons (Cydectin, Dectomax, Eprinex, or Generic Ivermectin)
  - c. Piliguard – Pinkeye vaccine
  - d. Spirovac— Needed if do not use the HB version of bovishield. Vaccinates for Lepto hardjo-bovis, not covered by standard 5-way leptospirosis vaccines; first year requires two doses 4 to 6 weeks apart
  - e. Fly tags if desired (Python Magnum, Warrior)
  - f. **Breeding Soundness Exams**(semen evaluation)—all bulls before turned in with cows
  - g. Mu-Se—Selenium/Vitamin E injection
2. Fall—October/November
  - a. **Pregnancy exams**
  - b. **Deworm**— pour-ons (Cydectin, Dectomax, Eprinex, or Generic Ivermectin)
  - c. Bovi-Shield Gold FP5 L5 HB\*—if not given in the spring
  - d. **Cull open, old and unsound cows**
  - e. Spirovac—vaccinates for Lepto hardjo-bovis—if not given in spring, or if as a 6 month HB booster if having an abortion problem

3. Winter—January/February (1-2 months before calving)
  - a. **Scourguard 4 KC**—vaccine for prevention of scours caused by rotavirus, coronavirus, Clostridium perfringens type C, and E. Coli in the her calf. Heifers and previously unvaccinated cows require two doses 2 to 4 weeks apart. Many producers give this in the fall, not recommended, but usually works.

#### D. Calves

##### 1. Birth

- a. I.D. tag
- b. Castrate, cut or band
- c. Scour vaccines, if cow was not vaccinated precalving with Scourguard 4KC
  - (1) First Defense or Bar-Guard 99—E. coli prevention
  - (2) Calf-Guard—rota/corona viruses protection
- d. Inforce 3 – intranasal IBR, PI3, BRSV respiratory virus vaccine. Use if have been having pneumonia problems in young calves
- e. Bo-Se—Selenium/Vitamin E injection
- f. Make sure calf nurses within 6-8 hours of birth, if in doubt give strip out dam or use a colostrum replacer and bottle or tube feed colostrum to the calf.

##### 2. Summer—July/August

- a. **Need to be at least 2 months of age for vaccines**
- b. **Vision 7** – 7 way clostridial vaccine (blackleg)
- c. **Bovishield 5 G**—IBR, PI3, BVD, BRSV (respiratory viruses)
- d. Piliguard – Pinkeye vaccine
- e. Ralgro implant
- f. Castrate, if not previously done

##### 3. Fall—September/October

#### **Calf Vaccinations 4 weeks before weaning, then booster at weaning**

##### **REPLACEMENT Heifers**

- a. **Bovishield FP 5L5 HB**-- IBR, PI3, BVD, BRSV (viruses that cause respiratory disease and abortion), and 5 strains of lepto including hardjo-bovis (causes abortion)
- b. One Shot, Presponse HM, or Once PMH – vaccines for *Pasturella multocida* and *Mannheimia haemolytica* (bacterial causes of pneumonia)
- c. or **Vista Once**-- IBR, PI3, BVD, BRSV, P.multocida, M.haemolytica (maybe used in place of a & b above)
- d. **Vision 7** – 7 way clostridial vaccination (blackleg)
- e. **Deworm** - pour-ons (Cydectin, Dectomax, Eprinex, or Generic Ivermectin)

- f. *Histophilus somni* vaccination (Vision 7 with somnus or Somubac) – bacterial cause of pneumonia, neurologic disease
- g. Brucellosis, calfhood vaccination – bacterial cause of abortion, maybe needed if planning to sell heifers as breeding animals

#### FEEDLOT ANIMALS

- a. **Bovishield 5 G**-- IBR, PI3, BVD, BRSV (viruses that cause respiratory disease)
- b. **One Shot, Presponse HM, or Once PMH** – vaccines for *Pasturella multocida* and *Mannheimia haemolytica* (bacterial causes of pneumonia)
- c. OR **Vista Once**-- IBR, PI3, BVD, BRSV, P.multocida, M.haemolytica (maybe used in place of a & b above)
- d. OR **Inforce 3 and Bovishield BVD** – Inforce 3 is an intranasal vaccine against respiratory viruses IBR, PI3, BRSV, and Bovishield BVD is an injectable modified live vaccine against BVD (respiratory and immunosuppressive virus). Recommend booster at weaning with Bovishield 5 G (maybe used in place of a&b or c above)
- e. **Vision 7** – 7 way clostridial vaccination (blackleg)
- f. **Deworm** - pour-ons (Cydectin, Dectomax, Eprinex, or Generic Ivermectin)
- g. *Histophilus somni* vaccination (Vision 7 with somnus or Somubac) – bacterial cause of pneumonia, neurologic disease

\* Bovishield contains a modified live BVD vaccine that may cause abortion in pregnant cows that have not been previously vaccinated with Bovishield last year. Bovishield is completely safe for pregnant cows that were vaccinated with Bovishield the previous year and all open cows. If cows or heifers are pregnant and were not vaccinated for with Bovishield the previous year, or if their vaccine history is unknown, Cattlemaster G FP 5 L5 (killed viral product) should be used instead of Bovishield.