

WV Beef Quality Assurance Comprehensive Herd Health Program

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Pre-breeding:

Cows/Heifers/Bulls – Post-calving but 30-60 days prior to breeding

1. IBR, PI3, BVD, BRSV – Modified live (Use Fetal Protection (FP) Products)
2. Lepto 5 and/or L. hardjo bovis—(*Vibrio Optional*)
3. 7-way Clostridial (Yearling Replacement Heifers)
4. Pinkeye (Optional)
5. Deworm yearling heifers—Cows/Bulls optional depending upon body condition

Calves

1. IBR, PI3, BVD, BRSV - Modified live (BVD optional in spring)
(Three intra nasals, Zoetis Inforce 3 or TSV-2 and Schering –Plough Nasalgen IP, are acceptable)
2. 7-way Clostridial
3. Pasteurella multocida and Mannheimia haemolytica (Optional)
4. Pinkeye (Optional)

Pre-vaccination/Weaning:

Calves – Three to four weeks prior to weaning

1. IBR, PI3, BVD, BRSV - Modified live
2. Lepto 5 and/or L. hardjo bovis ***
3. 7-way Clostridial
4. Pasteurella (Pasteurella multocida and/or Mannheimia haemolytica)
5. Deworm (White wormers are working best)

Calves – Booster at Weaning

1. IBR, PI3, BVD, BRSV - Modified live
2. Lepto 5 and/or L. hardjo bovis ***
3. 7- way Clostridial
4. Deworm (White wormers are working best)
5. All other products used at pre-vaccination that label requires booster

*** Pregnancy protection vaccines are only necessary for replacement heifers and bulls.

*** *Vibrio* is optional for pregnancy protection; however, if using vaccines containing *Vibrio* and Lepto 5, they must be administered separately from Pasteurella vaccines to minimize the risk of endotoxemia.

*** All vaccinations (boosters) must have been administered at least 30 days prior to shipment.

Preg-Check:

1. *Vibrio*, Lepto 5 and/or L. hardjo bovis (Optional)
2. Deworm thin cows and heifers

Pre-Calving:

1. Rotavirus, Coronavirus, Clostridium perfringens Type C, K99 E. coli. (Optional)
 - a. Cows—One month prior to calving
 - b. Bred Heifers—Two months prior to calving w/ booster one month prior to calving
2. De-lice w/ non-generic pour-on

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2016 Vaccination Protocol—Boehringer Ingelheim

Pre-breeding:

Cows/Bulls (Post-calving but 30-60 days prior to breeding)

1. Express FP10
2. Ocu-guard MB-1
3. Deworm first calvers w/ Synanthic—Older Cows not necessary

Yearling Replacement Heifers (30-60 days prior to breeding)

1. Express FP10
2. Alpha 7/MB-1 or Alpha 7
3. Ocu-guard MB-1 (not necessary if using Alpha 7/MB-1)
4. Deworm w/ Synanthic

Calves

1. Express 5 or Pyramid 5 + Presponse SQ
2. Alpha 7/MB-1 or Caliber 7
3. Ocu-guard MB-1 (not necessary if using Alpha 7/MB-1)

Pre-Weaning/Weaning:

Calves – Three to four weeks prior to weaning

1. Express FP10 (Pyramid 10 can be used for non-breeding animals)
2. Alpha 7/MB-1 or Caliber 7
3. Presponse HM
4. Deworm w/ Synanthic

Calves – Booster at Weaning

1. Express FP10 (Pyramid 10 can be used for non-breeding animals)
2. Caliber 7 (Booster required only for Caliber 7 not Alpha 7/MB-1)
3. Presponse HM (Optional—if given Pyramid 5 + Presponse SQ in spring)

*** *If Alpha 7 or Alpha 7/MB-1 is used in calves in the spring, only one booster of Alpha 7/MB-1 or Caliber 7 is required for pre-weaning/weaning vaccination. Caliber 7 is recommended to reduce the occurrence of knots.*

Preg-Check:

1. TriVib 5L or Citadel VL5
2. Deworm thin cows and heifers w/ Synanthic and/or Cydectin

Pre-Calving:

1. ScourGuard 4KC, Scour Bos 9, or Guardian
 - a. Cows—One month prior to calving (6 weeks for Guardian)
 - b. Bred Heifers—Two months prior to calving w/ booster one month prior to calving
2. De-lice w/ non-generic pour-on (Ultra Boss, Saber, Cylence, StandGuard)

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2016 Vaccination Protocol—Merck

Pre-breeding:

Cows/Bulls (Post-calving but 30-60 days prior to breeding)

1. Vista 5 L5 SQ
2. Piliguard Pinkeye TriView
3. Deworm first calvers w/ Safeguard—Older cows not necessary

Yearling Replacement Heifers

1. Vista 5 L5 SQ
2. 20/20 Vision 7 with Spur or Vision 7/8 with Spur
3. Piliguard Pinkeye TriView (not necessary if using 20/20 Vision 7 with Spur)
4. Deworm w/ Safeguard

Calves

1. Vista Once SQ
2. 20/20 Vision 7 with Spur or Vision 7/8 with Spur
3. Piliguard Pinkeye TriView (not necessary if using 20/20 Vision 7 with Spur)

Pre-Weaning/Weaning:

Calves – Three to four weeks prior to weaning

1. Vista 5 L5 SQ
2. Once PMH SQ or Once PMH IN
3. 20/20 Vision 7 with Spur or Vision 7/8 with Spur
4. Safeguard

Calves – Booster at Weaning

1. Vista 5 L5 SQ
2. Once PMH SQ or Once PMH IN
3. 20/20 Vision 7 with Spur or Vision 7/8 with Spur

Preg-Check:

1. Spirovac VL5 or StayBred VL5 (*Pfizer products—Merck does not offer a pregnancy protection vaccine.*)
2. Deworm thin cows and heifers w/ Safeguard

Pre-Calving:

1. Guardian
 - a. Cows—Six weeks prior to calving
 - b. Bred Heifers—Three months prior to calving w/ booster six weeks prior to calving
2. De-lice w/ non-generic pour-on (Ultra Boss, Saber, Cylence, StandGuard)

*** 20/20 Vision 7 with Spur offers pinkeye protection. Vision 7/8 with Spur can be used as a substitute but does not offer pinkeye protection.

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2016 Vaccination Protocol—Zoetis

Pre-breeding:

Cows/Bulls (Post-calving but 30-60 days prior to breeding)

1. Bovi-shield Gold FP5 L5 or Bovi-shield Gold FP5 L5 HB
2. SolidBac Pinkeye IR/PR Implants (Pfizer) or Piliguard Pinkeye TriView (Merck)
3. Deworm first calvers w/ Valbazen—Older Cows not necessary

Yearling Replacement Heifers

1. Bovi-shield Gold FP5 L5 or Bovi-shield Gold FP5 L5 HB
2. UltraChoice 8
3. SolidBac Pinkeye IR/PR Implants (Pfizer) or Piliguard Pinkeye TriView (Merck)
4. Deworm w/ Valbazen

Calves

1. Bovi-shield Gold 5 or Bovi-Shield Gold One Shot
2. One Shot Ultra 8 or UltraChoice 8
3. SolidBac Pinkeye IR/PR Implants (Pfizer) or Piliguard Pinkeye TriView (Merck)

NOTE: Use UltraChoice 8 with Bovi-Shield Gold One Shot and One Shot Ultra 8 with Bovi-Shield Gold 5

Pre-Weaning/Weaning:

Calves – Three to four weeks prior to weaning

1. Bovi-shield Gold FP5 L5 or Bovi-shield Gold FP5 L5 HB
2. One Shot Ultra 8
3. Deworm w/ Valbazen

Calves – Booster at Weaning

1. Bovishield Gold FP5 L5 or Bovishield Gold FP5 L5 HB
2. One Shot Ultra 8

Preg-Check:

1. Spirovac VL5 or StayBred VL5
2. Deworm thin cows and heifers w/ Valbazen and/or Dectomax

Pre-Calving:

1. ScourGuard 4KC
 - c. Cows—One month prior to calving
 - d. Bred Heifers—Two months prior to calving w/ booster one month prior to calving
2. De-lice w/ non-generic pour-on (Ultra Boss, Saber, Cylence, StandGuard)

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Vaccination Tips

To maximize vaccine efficacy, always do the following:

1. Always:
 - Read product labels prior to use
 - Follow BQA Guidelines
 - Follow withdrawal times
2. Keep vaccines cool at all times—shipment, storage, and during use.
3. Change needles frequently (10 or less cows/needle)
4. Use subcutaneous (SQ) route of administration when possible.
5. Administer vaccines only when temperature is less than 86° F.
 - Early morning or late evening on hot days
6. Never put a used needle in a clean bottle of vaccine.
7. Do not reuse disposable needles and syringes.
8. Use both sides of the neck when giving multiple vaccines.
9. Use 16 - 18 gauge needles.
 - Subcutaneous (SQ)—5/8 – 3/4 in.
 - Intramuscular (IM)—1 in.
10. When using Modified Live Vaccines (MLV), only mix amount of vaccine that can be used within one hour or less.
11. Modified live virus (MLV) programs must be initiated in open cows, and MLV vaccines cannot be used in calves suckling cows not previously administered a MLV vaccine.
12. Avoid administering more than two (2) gram negative vaccines at one time. Gram negative vaccines include:
 - Lepto
 - Vibrio
 - Pastuella/Mannheimia
 - Pinkeye
 - Salmonella
 - E. coli
13. Record vaccine name, lot number, serial number, expiration date, date administered, and withdrawal time.