

VACCINATIONS WE RECOMMEND FOR CATTLE

Vaccine	Amount Given	Route of Administration	Diseases Covered by Vaccine																			
			BRSV	BVDI	BVDII	IBR	PI3	H. somnus	M. haemolytica	p. multocida		Clostridia 8 way	Clostridia 7 way		Vibrio	Leptospirosis		Cl. Perfringens	E. coli	Rotavirus	Coronavirus	
Bovishield GOLD 5	2 mL	IM	•	•	•	•	•															
Resvac 4/Somnubac	2 mL	IM	•	•	•	•	•	•														
Vista Once	2 mL	SQ	•	•	•	•	•			•	•											
One Shot	2 mL	SQ								•												
Somnubac	2 mL	SQ							•													
Vision 7 Somnus with Spur	2 mL	SQ							•				•									
Ultrachoice 7	2 mL	SQ											•									
Ultrabac7/Somnubac	5 mL	SQ							•				•									
Covexin Plus	4 mL	SQ											•									
Tasvax 8	4 mL	SQ											•									
Bovishield GOLD FP5/VL5	2 mL	IM	•	•	•	•	•								•	•						

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			BRSV	BVD I	BVD II	IBR	PI3	H somnus	M haemolytica	M multocida		Clostridia 8 way	Clostridia 7 way		Vibrio	Leptospirosis		Cl Perfringens	E coli	Rotavirus	Coronavirus
Scour Bos 9	2 mL	IM																•	•	•	•
Scour Bos 4 (booster)	2 mL	IM																		•	•
Calf-Guard	3 mL	Oral																		•	•
Colimune-Oral	10 mL	Oral																	•		
Jencine ERC	2 mL	SQ																•	•	•	•
Scourguard 4 KC	2 mL	IM																•	•	•	•

*** Always check the package insert to make sure these doses are correct ***

VACCINATION PROGRAMS

BREEDING ANIMAL VACCINATION PROGRAM

The first goal for a breeding animal (heifers, cows and bulls) vaccination program is to provide protection against diseases that cause infertility and/or abortion, including BVD, IBR, Campylobacter (Vibriosis), and Leptospirosis. Another goal would be to try to stimulate immunity in the cow against respiratory diseases (IBR, PI3, BRSV), and Clostridial diseases (including Clostridium perfringens and blackleg). The third goal would be to give protection to the offspring through the cow's milk (Scours, IBR, BVD, PI3, BRSV) until vaccination of the calf is effective.

One issue when dealing with the vaccination of cows and heifers is **TIMING**. In the past, modified live vaccinations (MLV) were not recommended on pregnant cows because of the risk of abortion. This meant that vaccinating cows needed to be done in a very narrow window of opportunity in the spring 2 weeks prior to bull turnout when they were open. This often required a separate run through the chute at a potentially busy and wet time of year. In the last few years, MLV vaccines have become available that are labelled for safe use in pregnant cows PROVIDED that certain vaccinations have been previously administered. These vaccines do seem to provide adequate protection throughout the year, and thus provide producers a lot more flexibility and safety in when the vaccines are administered.

REPLACEMENT HEIFERS

As calves, the heifers should have been done at weaning with vaccines that included BVD, IBR, PI3, BRSV and Clostridia. As yearlings, 2 to 4 weeks before bull turnout, replacement heifers should be vaccinated with

- **Bovishield GOLD FP5/VL5**
- **Covexin Plus (or equivalent Clostridial vaccination)**
- +/- Anthrax vaccination

BULLS

Don't forget about them!!! Annual vaccinations for

- **Bovishield GOLD FP5/VL5**

- +/- Covexin Plus (or equivalent Clostridial vaccination)
- +/- Anthrax vaccination
- +/- Fusoguard (foot rot vaccination)

MATURE COWS

If cows **HAVE** been vaccinated in the previous year (12 months) with a vaccine containing IBR, BVD, PI3, BRSV, Leptospirosis and Vibriosis, then it is safe to administer the modified live vaccine (MLV) to pregnant or open cows. Recommended annual vaccines include:

- **Bovishield GOLD FP5/VL5**
- +/- Covexin Plus (or equivalent Clostridial vaccination)
- +/- Anthrax

If cows **have NOT** been vaccinated previously, or if you have bought cows and are unsure of their vaccine history, use the following protocol(s):

If pregnant:

- **Cattlemaster GOLD** - must repeat vaccine in 2 to 4 weeks
- +/- Covexin Plus (or equivalent Clostridial vaccination)
- +/- Anthrax
- This protocol **does NOT** include **Vibrio** or **Lepto**, which can be important diseases in a community pasture situation

To get these cows back onto the same schedule as the previous group (ie vaccinating at any time during the year)

- **Bovishield GOLD FP5/VL5** given 2 to 4 weeks before bull turnout
- +/- Covexin Plus (or equivalent Clostridial vaccination)
- +/- Anthrax
- In subsequent years you can use the vaccine annually on pregnant or non-pregnant cows.

SCOURS PREVENTION VACCINATION PROGRAM

There are several vaccines that we can recommend using to provide protection for the calf through the antibodies the cow or heifer makes and secretes into the colostrum. These vaccines are given before the colostrum is produced and are only effective if the calf actually gets the colostrum within a few hours of birth. Each vaccine has a unique time-frame for use, depending upon when your calving season starts. Please talk to our staff members about which vaccine will work best in your situation.

Scour Bos 9 followed by Scour Bos 4

- The initial vaccination is given 16 to 8 weeks before the beginning of calving
- A booster vaccination (viral part only) is given at 4 weeks before calving begins
- The timing for this vaccine series is quite flexible - please talk to our staff if you need a different timing for the vaccine and booster
- Vaccine is then given yearly 8 to 10 weeks before calving begins

Scourguard 4 KC

- The initial vaccination is given 4 to 6 weeks before the beginning of calving
- A booster vaccination is given at least 2 weeks after the first vaccine, but still 2 to 3 weeks before calving
- A third vaccination is recommended for those who have not calved within 40 days of the last vaccination
- Vaccine is then given yearly 2 to 3 weeks before calving begins. A booster is recommended if cows have not calved within 40 days of the vaccination

Jencine ERC

- The initial vaccination is given about 3 months before the beginning of calving
- A booster vaccination is given 3 to 6 weeks after the first vaccination
- Vaccine is given yearly 5 to 7 weeks before calving begins

ORAL NEW-BORN CALF VACCINES

There are vaccinations that can be given in the mouth of the calf immediately after birth. These vaccines do not protect against every type of scours, so a diagnosis of the cause of the scours is best before choosing which (if any) of these vaccines will work in your situation.

Calf-Guard

- Protects against scours caused by rotavirus and coronavirus

Colimune-Oral

- Protects against scours caused by E. coli bacteria

SPRING VACCINATION PROGRAM - CALVES

Spring vaccination serves to boost the immune system of calves as maternal immunity (received through the colostrum) is declining, helping to protect them against diseases like summer pneumonia. This would include:

- Viral diseases: IBR, BRSV, PI3, and BVD
- Bacterial diseases: Haemophilus somnus, Mannheimia haemolytica, Pasteurella multocida
- Clostridial diseases: Blackleg, Black disease, Malignant Edema, etc.

There are a lot of different vaccination protocols out there, and so we have tried to narrow this down to 3 programs to simplify things.

- **Bovishield Gold 5 + One Shot + Ultrabac 7/Somubac (Pfizer) +/- Anthrax vaccination**
 - Part of the Pfizer Gold Program
 - We will carry this vaccine in stock year round (unless backordered or something unforeseen!)
 - Vaccinates against all the major respiratory diseases
 - **Does NOT include tetanus** vaccination
 - Should be boosted in 2 to 4 weeks for complete BRSV and H. somnus protection
- **Bovishield Gold 5 + One Shot + Somubac (Pfizer) + Covexin Plus (Schering-Plough) +/- Anthrax vaccination**
 - Also part of the Pfizer Gold Program, and eligible for the Pfizer Fall Incentive Program
 - Will be carrying in stock this fall, as long as Resvac 4/Somubac is available (It is being discontinued)
 - Includes all the major respiratory diseases
 - This protocol **DOES include tetanus** vaccination
 - Should be boosted in 2 to 4 weeks for complete BRSV and H. Somnus protection
- **Vista Once SQ (Intervet) + Somubac (Pfizer) + Covexin Plus (Schering-Plough) +/- Anthrax vaccination**
 - This is a three injection alternative that **DOES include Tetanus**
 - Includes all the other major diseases
 - All three are SQ injections which is in line with the Quality Starts Here Program
- **Vista Once SQ + Vision 7/Somnus (Intervet) +/- Anthrax vaccination**
 - This is a two injection alternative program
 - We do keep a limited amount in stock, so larger volumes (more than 200 doses) should be pre-ordered
 - Includes all the major respiratory diseases
 - **Does NOT include tetanus** vaccination
 - Both are SQ injections which is in line with the Quality Starts Here Program
 - An answer to the “Do we have to give 3 injections?????” question!!!

FALL VACCINATION PROGRAM - CALVES

The main goal of a fall vaccination program is to protect those newly weaned calves from the various respiratory diseases that are common at this time of year. To be most effective, they should be given 1 to 2 weeks before weaning. This would include:

- Viral diseases: IBR, BRSV, PI3, and BVD
- Bacterial diseases: Haemophilus somnus, Mannheimia haemolytica, Pasteurella multocida

This is a good time as well to booster them against clostridial diseases, like blackleg, that are commonly found in the environment.

There are a lot of different vaccination protocols out there, and so we have tried to narrow this down to 3 programs to simplify things.

- **Bovishield Gold 5 + One Shot + Ultrabac 7/Somubac (Pfizer)**
 - Part of the Pfizer Gold Program and these products can go towards qualifying for the Pfizer Fall Incentive Program (ask our staff about this)
 - We will carry this vaccine in stock year round (unless backordered or something unforeseen!)
 - Vaccinates against all the major respiratory diseases
 - **Does not include tetanus** vaccination
 - Should be boosted in 2 to 4 weeks for complete BRSV and H. somnus protection
- **Resvac 4/Somubac + One Shot (Pfizer) + Covexin Plus (Schering-Plough)**
 - Also part of the Pfizer Gold Program, and eligible for the Pfizer Fall Incentive Program
 - Will be carrying in stock this year, as long as Resvac 4/Somubac is available (It is being discontinued)
 - Includes all the major respiratory diseases
 - This protocol **DOES include tetanus** vaccination
 - Should be boosted in 2 to 4 weeks for complete BRSV and H. Somnus protection
- **Vista Once SQ + Vision 7/Somnus (Intervet)**
 - This is a two injection alternative program
 - We do keep a limited amount in stock, so larger volumes (more than 200 doses) should be pre-ordered
 - Includes all the major respiratory diseases
 - **Does not include tetanus** vaccination
 - Both are SQ injections which is in line with the Quality Starts Here Program
 - An answer to the “Do we have to give 3 injections?????” question!!!