

HEALTHY FARMS LARGE

ANIMAL VETERINARY SERVICES



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Vaccination Recommendations for Dairy Cattle

If your herd has no problems, consider the basic core Vaccines that are made red.

Calves:

Goals: prevent pneumonia and scours in calves.

Day 1:

- Oral scours vaccine. **Calfguard (Pfizer)** Best given before colostrum. This vaccine helps prevent viral scours (rota- and coronaviruses).
- Intranasal Pneumonia vaccine. **Inforce 3 (Zoetis)**. Given intranasally and very early. This vaccine helps prevent viral pneumonia. Nasalgen by Merck can also be used, but Nasalgen does not protect against BRSV, arguably the most important of the viruses.

4-12 Months:

- **Brucellosis vaccines** by your veterinarian.

Calves 6 Months, 9 months, 12 months:

Goals: Protect calves from pneumonia and get pre-breeding heifers ready to breed with abortion vaccine coverage. Get all animals staying on farm vaccinated against rabies and tetanus.

- **Rabies** Vaccination
- Tetanus Vaccination including Clostridial diseases (**Covexin-8** by Merck)
- Respiratory disease and begin leptospira inoculations. These are injectable vaccines. **HB Bovishield Gold FP 5 L5** or **Cattlemaster Gold FP 5 + L5 (Zoetis)** or

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Vista 5 L5 SQ (Merck) or Pyramid 4 Presponse SQ (Fort Dodge) and a Lepto shot.

- Some of these products also have Pasteurella/Mannheimia as well (Pyramid). You may wish to add One Shot, Pfizer's Mannheimia vaccine on top of Bovishield or Vista if you have lots of pneumonia. Merck's PMH SQ protects against Pasteurella pneumonia and is also excellent. *If you are having pneumonia problems, ask your vet about One Shot or PMH to help cover the bacterial causes of pneumonia in addition to your respiratory virus vaccines.*
- Some of these products contain Lepto (Bovishield, CattleMaster, and Vista that say L5). The HB Bovishield has all strains of lepto that cause disease in cattle. Add Spirovac (Pfizer) if using Pyramid or you wish to have comprehensive lepto coverage with Vista Products.
- OneShot should not be used until 3 months of age.
- Lepto should not be used until 6 months of age.

Close-up Heifers:

Goals: help prevent mastitis and help produce quality colostrum for the calves.

- **Scourguard 4 K/C (Pfizer)** This helps the heifers produce good colostrum against E. coli mastitis and viral diarrhea for the calves.
- **Staph/E. coli and coliform mastitis vaccines.** The vaccines are marketed as Somato-Staph® and Lysigin® and are labeled against Staph aureus. There are three coliform mastitis vaccines marketed but two of the products are identical. The two identical coliform bacterins are marketed as J-5 Bacterin and Mastiguard.™ A separate bacterin-toxoid (J Vac®) is also available. A 4th gram negative mastitis vaccine (Endovac-Bovi®) contains Salmonella typhimurium bacterin toxoid. All coliform mastitis vaccine formulations use gram-negative core antigens to produce non-specific immunity directed against endotoxic disease.
- **Boost Bovishield or CattleMaster or Vista or Pyramid.**

Cows

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- HB Bovishield Gold FP 5 + L5 or **Cattlemaster Gold FP5 + L5** annually to cover against abortions and respiratory disease.
- **Covexin-8**
- **Rabies**
- Mastitis vaccines
- Colostrum-building anti-diarrhea vaccines.

Remember:

- Handle vaccines appropriately-- don't let them warm up and don't use hot syringes.
- Don't give all vaccines on the same day.

Deworming is important too