

There are vaccines available aimed at not only protecting an animal from transient BVD infections but also to protect the fetus from infection and stop the production of PI animals.

Why Vaccinate?

Vaccination has the greatest potential for farms which are

- unable to prevent BVD from being re-introduced over time through contact with infected cattle or equipment and
- extensive beef herds unable to test and remove PI calves before the planned start of mating.

The aim of BVD vaccination is not just to protect susceptible animals from infection with BVD but also to protect the fetus from becoming infected

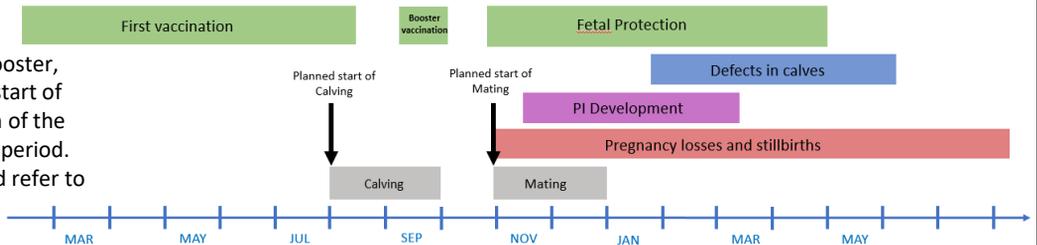
Animals to Vaccinate

Any cattle that will be used for breeding in the current season should be vaccinated. This includes cows, R1 and R2 heifers as well as all breeding bulls.

The two vaccinations must be administered at the recommended time points to ensure fetal protection will last throughout the risk period for PI calf development.

Vaccination of calves and non breeding stock has been shown to protect them from some of the effects of BVD, such as poor growth and increased susceptibility to other diseases.

Figure: Administration of booster vaccine, or annual booster, 4 weeks before the planned start of mating will ensure protection of the fetus during the most critical period. Contact your veterinarian and refer to individual vaccine labels for further information



Vaccine options in New Zealand

Ultravac® BVD

Ultravac® BVD is an inactivated vaccine

Animals to vaccinate: Breeding cattle and calves from 3 months of age

Vaccination protocol: an initial dose (2ml) is followed by a booster dose (2ml) between 4 weeks and 6 months later. An annual booster dose (2ml) should be administered. Vaccine is given subcutaneously

Protection: Provided the vaccination protocol is followed Ultravac® BVD will provide 12 months immunity to vaccinated animals from 14 days after booster dose given, or after annual booster. Fetal protection lasts for 6 months following booster (or annual) dose is given



Bovilis® BVD

Bovilis® BVD is an inactivated vaccine

Animals to vaccinate: Breeding cattle and calves from 4 months of age

Vaccination protocol: an initial dose (2ml) is followed by a booster dose (2ml) between 4 weeks and 6 months later. An annual booster dose (2ml) should then be given every 12 months. Vaccine is given either subcutaneously or intramuscularly

Protection: Provided the vaccination protocol is followed Bovilis® BVD will provide 12 months of immunity to vaccinated animals. Fetal protection lasts for 6 months following primary vaccination or 12 months following a third (annual vaccination) dose

