Vira Shield products feature both cytopathic Type 1 BVD virus and noncytopathic Type 2 BVD virus. They are available in a number of different combinations with Vibrio, Lepto and Haemophilus somnus.

Vira Shield is the original vaccine with a noncytopathic Type 2 BVD virus. Noncytopathic strains generally elicit higher antibody titers than cytopathic strains. Antibody titers to a non-cytopathic isolate may be important in preventing fetal infections and persistently infected (PI) animals. Vira Shield is inactivated by Grand's “soft kill” method to retain virus configuration, retain maximum antigenicity and stabilize the vaccine.

Vira Shield is inactivated so it:
- CANNOT replicate (unlike modified live vaccines).
- CANNOT cause a viremia or viral shedding (unlike modified live vaccines).
- CANNOT cause ovarian dysfunction or abortion (unlike modified live vaccines).
- CANNOT be associated with mutations (unlike modified live vaccines).
- CANNOT be involved in the formation of new viral strains (unlike modified live vaccines).
- CANNOT cause immunosuppression (unlike modified live vaccines).

Vira Shield is user-friendly, not requiring reconstruction with diluent like MLV vaccines. Because of its stabilizer, Vira Shield has been shown to retain potency for 3 years after manufacturing. Xtend® III adjuvant prepared with microsphere emulsion technology makes Vira Shield: the tested vaccine proven to overcome maternal antibodies in young calves resulting in the production of active antibodies.

Vira Shield with Xtend III provides dual immune system stimulation:
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Veterinarians and Producers that use Vira Shield will tell you...“IT WORKS!”

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ABOUT THE EDITOR: Alasdair Hotson Moore, MA, VetMB, CertSAC, CertVR, MRCVS, University of Bristol, Dept. of Clinical Veterinary Science, Bristol, UK.