

# Protect Calves With The Highest Level Of BVD PI Prevention Available

*Bovi-Shield GOLD FP Is Now The Only Vaccine That Prevents BVD PI And Offers 365 Days Of Protection*

**NEW YORK, N.Y.**

**C**attle producers can use the first and only vaccine available that prevents persistently infected (PI) calves caused by bovine viral diarrhea (BVD) virus Types 1 and 2, and offers 365 days of protection – Bovi-Shield GOLD® FP®. The USDA recently upgraded the label claim for Bovi-Shield GOLD FP to the “prevention of persistently infected calves caused by BVD Types 1 and 2,” which is the highest label claim the USDA has assigned to a BVD-containing vaccine.

The cost of BVD to beef and dairy producers with PI calves ranges from \$15 to \$31 per cow. Although more than 50 percent of the PI calves usually do not survive past 12 months of age, some survive to reproductive maturity and appear completely normal. These PI calves shed the BVD virus in large amounts throughout their lives, infecting other animals that come into contact with them. This is especially critical in breeding herds where PI animals, especially calves, spread the virus to susceptible females, potentially resulting in the birth of more PI calves the next year.

“Knowing the level of protection of a reproductive vaccine is important in managing the risk of disease in your herd,” says Dale Grotelueschen, DVM, managing veterinarian with Pfizer Animal Health. “Preventing the birth

of PI calves is a key component of BVD control.”

A PI calf results from BVD virus exposure in utero about 40 to 120 days into gestation. During this critical exposure period, infection can occur before the calf’s immune system is sufficiently developed to initiate a protective response. Therefore, BVD is not recognized as an infecting virus. As the immune system matures, it perceives the virus as part of the calf itself and will not develop an effective immune response against it.

“Preventing PI during this critical exposure period requires a vaccine with sufficient duration of immunity (DOI),” says Grotelueschen, “which is the time period immunity stimulated by the vaccine is effective against a specific disease.”

To compare the duration of immunity of five-way viral vaccines, visit [www.365protection.com](http://www.365protection.com). Here you can use the calculator to determine if your vaccine is protecting your herd during the time of critical exposure for BVD persistent infection.

“I often hear that vaccines are all the same and that it doesn’t matter which one is used,” Grotelueschen adds. “Well-tested products like Bovi-Shield GOLD FP have clear advantages over other BVD vaccines that don’t have supporting research for reproductive protection claims.”

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