

Breed-Back FP Now Approved for BVD

ST. JOSEPH, Mo.—Boehringer Ingelheim Vetemedia, Inc. (BIVI), has received USDA approval for a new, modified live virus vaccine, Breed-Back FP, a vaccine specifically developed to aid in the prevention of persistently infected (PI) calves caused by bovine viral diarrhea (BVD) types 1 and 2.

Incorporate Breed-Back FP into existing heifer and cow vaccination schedules to help protect unborn calves during gestation and herds from the long term impact of PI calves. Breed-Back FP is administered subcutaneously and meets Beef Quality Assurance guidelines. It is available in four antigen combinations to fit individual management protocols. These are: Breed-Back FP 5, Breed-Back FP 5-HS, Breed-Back FP 10, and Breed-Back FP 10-HS.

According to Kansas State University, 70 to 90 percent of the world's cattle population is seropositive for BVD Types 1 and 2. PI calves are born to heifers and cows exposed to a BVD challenge generally during the first 30 to 120 days of gestation. This challenge can result in the BVD virus crossing the placenta and infecting the fetus.

If the fetus is not aborted or stillborn, a calf is



born carrying the BVD virus. This calf's immune system is immunotolerant to the BVD virus.

The resulting BVD-infected calf continually sheds significant amounts of virus to the entire herd according to Carol Rinehart, Ph.D., manager of bovine biological research and development at BIVI. PI calves can be poor doers and highly susceptible to other calftod diseases or they can be healthy looking and go undetected in the herd. Death rates for a PI calf are greater than 50 percent in the first 12 months of life.

Breed-Back FP can be administered to non-pregnant cattle a minimum of four weeks before artificial insemination or being placed with bulls.

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