## Breed-Back FP Now Approved for BVD

JOSEPH, Mo.—Boehringer Ingelheim Vetemedica, 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

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



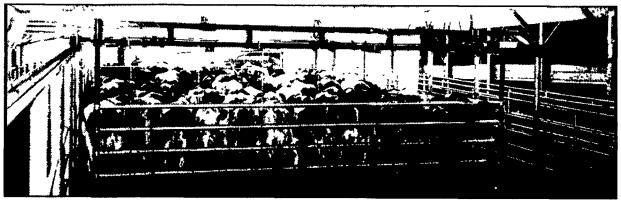
born carrying the BVD virus. This calf's immune system is immunotolerant to the BVD virus.

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 calfhood 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 nonpregnant cattle a minimum of four weeks before artificial insemination or being placed with bulls.

## uardian Crowd Gate

A WAY TO INCREASE THE EFFICIENCY OF YOUR DAIRY OPERATION



## WE'RE BEHIND THEM ALL THE WAY

· Retractable design for efficient reloading of holding area.

 Positive chain drive system to reduce slippage.
Provides a consistent flow of cows into parlor. The gate firmly, but gently, guides the cows, A gradual movement coaxes the cows without the from holding area into the parlor. use of an alarming electric shocker

 Fisher & Thompson, Inc. Leola, PA 717-656-3307 Belleville, PA 717-935-7422 Chambersburg, PA

717-352-7606 New Enterprise, PA 814-766-9970

 Brandt's Farm Supply, Inc. Elizabethtown, Chambersburg 717-367-1221 or 1-800-872-7478

> · Forsheys, Inc. Martinsburg PA 814-793-3791 or 3792

 Lyco Dairy Service Cogan Station, PA 570-494-0708

• Mountain View Supply, Inc. Hamburg, PA 610-488-1025

 Van Bremen Refrigeration & Dairy Service Somerset, PA 814-444-8502

Manufactured by: DC Welding 643 Hereford Rd , Elizabethtown, PA 17022 (717) 361-9400 Fax 361-2272