

How to beat BRD in your dairy herd

UNIVERSITY PARK — When a new cow is brought into your herd or your cows return from a show, shipping fever may not be far behind.

The term shipping fever is an old one. It generally describes a respiratory disease that follows a stress such as shipping.

Cattle that are not shipped may contact the disease from contact with carrier

animals that are brought in to the herd.

Occasionally a respiratory infection breaks out in a herd even though no new animals have been introduced. The name, Bovine Respiratory Disease or BRD, is perhaps a better term to use than "shipping fever."

BRD is caused by a number of different organisms. Viruses and

bacteria are both commonly involved.

Three viruses are frequently associated with BRD. They are Parainfluenza (PI-3), Infectious Bovine Rhinotracheitis (IBR), and Bovine Virus Diarrhea (BVD).

The bacteria most commonly involved are *Pasteurella hemolytica* and *Pasteurella multocida*. Several other bacteria are frequently isolated.

To minimize the risk of BRD or shipping fever in your herd this winter:

Avoid buying cattle, especially during the stable season. If you must buy isolate the purchased animals for three weeks before allowing contact with your herd. Treat show-returning cows as new additions.

Maintain adequate ventilation in your barn. Both conventional and loose-housing barns, need adequate air inlets, air outlets and rate of air flow. Even well ventilated barns may have some poorly ventilated spots such as freshening pens or calf stalls.

Have a planned program of vaccinations for your herd. Work this out with your local veterinarian. Most herds should have regular IBR-PI3 immunizations.

Be alert for early signs of BRD: coughing, off feed, eye and nasal discharge. Seek help from your veterinarian for diagnosis and treatment. Accurate diagnosis of the cause of an outbreak are necessary for treatment and control.

Schuylkill fruit session set

PITMAN — The Schuylkill County Fruit Growers Meeting will be held on Tuesday, February 26, 1980, at the Mahantongo Fire Hall, Pitman.

For more information or to place reservations, call Dale D. Moyer, County Agent - Agriculture, at the extension office - 717/385-3431.

The program will begin at 9:30 a.m. and adjourn at 3:00 p.m.

The program will feature specialists from Penn State and representatives of the Pennsylvania Apple Marketing Board.



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