

■ If you are planning a major expansion, you need to consider that new animals and your home herd are at risk for disease challenges. Guidelines should be developed by you and your veterinarian to minimize this risk. Suggested guidelines include:

- Separate animals for at least 21 days preferably 28 days and administer a four-way viral vaccine with lepto such as CattleMaster® 4+L5 for pregnant animals and Bovi-Shield™ 4+L5 for open animals.
- Test new animals for BVDV-persistent infection (PI) before adding them to the herd. Consult with your veterinarian on incorporating a testing program for other diseases such as Johne's and bovine leukosis virus (BLV).
- ❸ Evaluate your current home herd vaccination program and administer the necessary vaccinations to new animals during the quarantine period.

Other suggestions include:

- Rotavirus/Coronavirus/E.coli/C1.perfringens type C (ScourGuard 3® (K)/C)
- Clostridial disease (Fortress®/Ultrabac®)
- Pasteurella haemolytica (One Shot®)
- All heifers should receive at least two modified-live virus (MLV) four-way viral vaccines with five-way lepto, such as Bovi-Shield 4+L5, prior to breeding.
- Always follow Beef Quality Assurance guidelines when administering vaccines to your animals.

Consider the following:

- Always read and follow label directions
- Administer products in the neck region per label directions (subcutaneous [SC] or intramuscular [IM])
- Use proper needle gauge and length
- Store all vaccines at 2-7°C (35.6-44.6° F)
- Aseptically rehydrate all freeze-dried vaccines with the liquid diluent provided
- Discard all unused vaccine and empty containers in accordance with label directions
- Consult your veterinarian before undertaking any vaccination program to ensure your program meets the disease needs in your specific operation.

