## VACCINATION

As of August 1, 2023, feeder calves sold through the Quebec specialized feeder calf auction circuit (the Circuit) must come from a breeding herd that has been vaccinated for fetal protection.

Based on the current state of knowledge, there are two possible scenarios for implementing a fetal protection (FP) vaccination protocol that you can follow in order to be able to sell feeder calves through specialized auctions starting in the 2023–2024 season :

## SCENARIO 1

- **1** All calves are vaccinated with a modified live vaccine (MLV) after the age of 5 months (required by the Producteurs de bovins du Québec for marketing through the Circuit).
- **2** Heifers are revaccinated with an FP MLV at least one month before the first breeding occurs.
- **3** All cows in the herd are vaccinated postpartum with an FP MLV or an inactivated vaccine against bovine viral diarrhea (BVD) that is approved for FP, in accordance with the instructions on the label.
- **4** An annual booster shot is administered in accordance with the directions on the label in order to obtain FP.

After this vaccination scenario is implemented, new arrivals to the herd with no known vaccination status must receive an FP MLV in the pre-breeding period before being integrated into the vaccination program.

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Based on the current state of knowledge, there are two possible scenarios for implementing a fetal protection (FP) vaccination protocol that you can follow in order to be able to sell feeder calves through specialized auctions starting in the 2023–2024 season :

## SCENARIO 2

- 1 All calves are vaccinated with a modified live vaccine (MLV) after the age of 5 months (required by the Producteurs de bovins du Québec for marketing through the Circuit).
- 2 Heifers are revaccinated with an FP MLV at least one month before the first breeding occurs, then revaccinated over the course of the second trimester of gestation with an inactivated vaccine against bovine viral diarrhea (BVD) that is approved for FP.
- **3** Cows receive an FP MLV at least one month before the first breeding occurs and are revaccinated over the course of the second trimester of gestation with an inactivated vaccine against BVD that is approved for FP.
- 4 After this point, an annual booster shot is given during the second trimester of gestation with an inactivated vaccine against BVD that is approved for FP.

After this vaccination scenario is implemented, new arrivals to the herd with no known vaccination status must receive an FP MLV in the pre-breeding period before being integrated into the vaccination program.

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