NEW Cavalry™ 9 Vaccine for Beef and Dairy
A Powerful Defense Against: Nine: Clostridial Diseases

- Broader spectrum available, including Tetanus
- Demonstrated superior immune response
- Demonstrated lowest reactivity
- 2-mL subcutaneous administration
- 10-, 25-, 50- and 125-dose bottles

Cavalry™ 9 Vaccine: Licensed Under Current USDA Potency and Safety Requirements

**Clovestridium tetani**

- **Potency Comparison**
- **Percent of Animals**
  - CAVALRY™ 9: 100%
  - COVEXIN®: 100%

*Results represent the testing of serum from individual cattle, not testing of serum pools.

- CAVALRY™ 9 demonstrated potency equivalent to COVEXIN 8.

**Clovestridium novyi Type B**

- **Potency Comparison**
- **Percent of Animals**
  - CAVALRY™ 9: 90%
  - Vision® 8: 60%
  - COVEXIN®: 100%

*Results represent the testing of serum from individual cattle, not testing of serum pools.

- CAVALRY™ 9 demonstrated potency superior to Vision 8.

**Clovestridium sordellii**

- **Potency Comparison**
- **Percent of Animals**
  - CAVALRY™ 9: 40%
  - Vision® 8: 0%

*Results represent the testing of serum from individual cattle, not testing of serum pools.

- CAVALRY™ 9 demonstrated potency superior to Vision 8.

**Clovestridium perfringens**

- **Type D**

- **Potency Comparison**
- **Percent of Animals**
  - CAVALRY™ 9: 85%
  - Vision® 8: 0%

*Results represent the testing of serum from individual cattle, not testing of serum pools.

- CAVALRY™ 9 demonstrated potency superior to Vision 8.

- **Type B and C**

- **Potency Comparison**
- **Percent of Animals**
  - CAVALRY™ 9: 70%
  - Vision® 8: 0%

*Results represent the testing of serum from individual cattle, not testing of serum pools.

- CAVALRY™ 9 demonstrated potency superior to Vision 8.

**Clovestridium perfringens**

- **Type B**

- **Efficacy Comparison Via ELISA Testing**
- **Mean Antitoxin Antibody Response (U/mL)**
  - CAVALRY™ 9: 0.262
  - Vision® 8: 0.290

*Values with different superscripts are statistically different. Results represent the means of individual test results, not testing of serum pools.

- CAVALRY™ 9 vaccination produced an antibody response statistically superior to Vision 8.

**Clovestridium sordellii**

- **Efficacy Comparison Via ELISA Testing**
- **Mean Antiflagellar Antibody Response (U/mL)**
  - CAVALRY™ 9: 0.12
  - Vision® 8: 0.09

*Values with different superscripts are statistically different. Results represent the means of individual test results, not testing of serum pools.

- CAVALRY™ 9 vaccination produced an antibody response statistically superior to Vision 8.

**Clovestridium chauvoei**

- **Virulent Challenge: Bioequivalence to COVEXIN®**
- **Mean Antitoxin Antibody Response (U/mL)**
  - CAVALRY™ 9: 12
  - Vision® 8: 2

*Values with different superscripts are statistically different. Results represent the means of individual test results, not testing of serum pools.

- CAVALRY™ 9 vaccination produced an antibody response statistically superior to Vision 8.

1. Based on USDA 9CFR requirements to demonstrate efficacy comparisons.
2. Based on USDA-accepted Schering-Plough Animal Health proprietary tests to demonstrate efficacy comparisons.
3. These results demonstrate the immune response of 3-month-old calves vaccinated with CAVALRY 9 versus Vision 8. It does not imply that the Vision 8 product, used in this study, fails to meet the USDA potency release testing, which is performed in rabbits and guinea pigs.
Cavalry™ 9 Vaccine: Less Reactive Than Leading Clostridial Products

• Far fewer calves experienced injection site reactions with CAVALRY 9 vaccine than with other vaccines.

• Injection site reactions typically are more pronounced after a second dose. Those from CAVALRY 9 vaccine resolved in about two weeks, much more quickly than reactions caused by other vaccines.

• CAVALRY 9 vaccine injection site reactions resolved more quickly than reactions caused by other vaccines.

• Far fewer calves experienced injection site reactions with CAVALRY 9 vaccine than with other vaccines.