TAKE THE STRESS OUT OF BLACKLEG PROTECTION

VISION® DELIVERS PROVEN PROTECTION WITH LESS STRESS

When vaccinating your herd for clostridial diseases, it’s vital to have protection you can count on. Not all blackleg vaccines are the same. Some are stressful and decrease performance. Vision® vaccines take the stress out of blackleg protection.

Vision was developed with the specific goals of reducing stress and minimizing the negative impact of vaccination on performance.

VISION VACCINES OFFER:

- Less post-vaccinal stress and less appetite suppression than conventional 5mL and competitive 2mL clostridial vaccines
- Less swelling and inflammation than conventional 5mL and oil-based 2mL clostridial vaccines
- Better cost of gains when compared to conventional 5mL clostridial vaccines
- Better feed conversion and greater weaning weight results compared to conventional clostridial vaccines
**VISION PRODUCTS**

**VISION 7**
- 7-Way Clostridial Protection:
  - *Clostridium chauvoei*
  - *Cl. septicum*
  - *Cl. perfringens Types C & D*
  - *Cl. perfringens Types & Subtypes (MMP)*
  
- • Available in 10, 50 and 250 dose
- • 2mL, subcutaneous (SQ) injection

**VISION 8 SOMNUS**
- 8-Way Clostridial/Somnus Protection:
  - *Clostridium chauvoei*
  - *Cl. septicum*
  - *Cl. perfringens Types C & D*
  - *Moraxella bovis*
  
- • Available in 250 dose
- • 2mL, subcutaneous (SQ) injection

**VISION 8**
- 8-Way Clostridial/Somnus Protection:
  - *Clostridium chauvoei*
  - *Cl. septicum*
  - *Cl. perfringens Types C & D*
  - *Haemophilus somnus (MMP)*
  
- • The only low-dose, 8-way clostridial/somnus combination available
- • Available in 10, 50 and 250 dose

**VISION 7 SOMNUS**
- 7-Way Clostridial/Somnus Protection:
  - *Clostridium chauvoei*
  - *Cl. septicum*
  - *Cl. perfringens Types C & D*
  - *Haemophilus somnus (MMP)*
  
- • Available in 10, 50 and 250 dose
- • 2mL, subcutaneous (SQ) injection
- • Available in 10, 50 and 250 dose

**VISION CD**
- 8-Way Clostridial/Somnus Protection:
  - *Clostridium chauvoei*
  - *Cl. septicum*
  - *Cl. perfringens Types C & D*
  - *Moraxella bovis*
  
- • The only low-dose, 8-way clostridial/somnus combination available
- • Available in 10, 50 and 250 dose

**VISION CD-T**
- 8-Way Clostridial/Somnus Protection:
  - *Clostridium chauvoei*
  - *Cl. septicum*
  - *Cl. perfringens Types C & D*
  - *Moraxella bovis*
  
- • Available in 10, 50 and 250 dose

**20/20 VISION 7**
- 7-Way Clostridial/Pinkeye Protection:
  - *Clostridium chauvoei*
  - *Cl. septicum*
  - *Cl. perfringens Types C & D*
  - *Moraxella bovis*
  
- • Available in 10, 50 and 250 dose

**VISION CD-T**
- 8-Way Clostridial/Somnus Protection:
  - *Clostridium chauvoei*
  - *Cl. septicum*
  - *Cl. perfringens Types C & D*
  - *Moraxella bovis*
  
- • Available in 10, 50 and 250 dose

**VISION 7 vs. UltraChoice® 7**
- Cows vaccinated with Vision vaccine or saline produced more pounds of milk per day compared to those vaccinated with UltraChoice 7.

**WEANING WEIGHT COMPARISON**
- Nine studies showed calves vaccinated with Vision vaccine had 9 to 18 pounds heavier weaning weights than those given a conventional 5mL clostridial vaccine. This study showed a 14-pound advantage for Vision 7 over Ultrabac.

**FEED CONSUMPTION COMPARISON**
- Drop in feed consumption in cattle vaccinated with Vision vaccine was 4.7 pounds less than cattle vaccinated with a conventional clostridial vaccine.

**STRESS EFFECT ON FEED INTAKE**
- Cattle vaccinated with Vision 7 had consistently fewer injection-site reactions.

**BEEF QUALITY COMPARISON**
- Surface Area and Depth Area

**MILK PRODUCTION COMPARISON**
- Pounds of Milk/Head/day

**VISION 7 vs. Alpha-7™**
- Cattle vaccinated with Vision vaccine had consistently fewer injection-site reactions. The reactions were smaller in size and more quickly resolved compared to cattle vaccinated with Alpha-7.

**VISION 7 vs. Conventional 7-Way**
- Cattle vaccinated with Vision vaccine consumed more feed and had better feed conversions than cattle given a conventional clostridial vaccine.

**VISION 7 vs. Conventional 7-Way**
- Cattle vaccinated with Vision vaccine had 9 to 18 pound heavier weaning weights than those given a conventional 5mL clostridial vaccine.

**VISION 7 vs. Ultrabac® 7**
- Nine studies showed calves vaccinated with Vision vaccine had 9 to 18 pound heavier weaning weights than those given a conventional 5mL clostridial vaccine. This study showed a 14-pound advantage for Vision 7 over Ultrabac 7.
**SPUR® ADJUVANT**

The SPUR® adjuvant allows for the highest level of immunization with the lowest level of injection-site defects.

**SPUR ADJUVANT:**

- Keeps antigens in stable suspension for long periods of time so the precise amount of antigens for immunization is administered
- Ensures uniform suspension and smoother administration with more available binding sites for the antigen
- Is less reactive at the site of injection*
- Is proven to offer better immune response than vaccines adjuvanted with aluminum hydroxide*

*Data available upon request

**PINKEYE PROTECTION**

Pinkeye damage can have a big impact on what beef and dairy producers work hard all year to earn.

- Calves scarred by pinkeye are often docked $1 to $2 per cwt at sale time—that’s $6 to $12 per head on a 600-pound calf. 20/20 Vision® 7 helps maximize your sale price by minimizing discounts
- Studies show calves that develop pinkeye have reduced weaning weights ranging from 30 to 45 pounds—robbing you of performance and costing you money
- Pinkeye damage can also cost you in decreased milk production and cost of treatment, including labor

20/20 Vision 7 contains eight *Moraxella bovis* strains for the broadest protection available. No other pinkeye vaccine contains more. When vaccinating for blackleg, it’s the perfect time to prevent pinkeye.