



A COMPLETE LINE OF SAFE & EFFECTIVE VACCINES

Elanco

Protect against up to 13 respiratory, reproductive and leptospirosis diseases for both cows and calves.



FLEXIBLE SAFE POWERFUL

Learn more at Elanco.us/ViraShield



Why choose Vira Shield®?



- **Flexible implementation into any whole-herd protocol** — Easy to implement into any management program or whole-herd protocol, unlike vaccines that carry label restrictions and products that require cows to be vaccinated prior to breeding¹
- **Safe for your entire herd** — Vira Shield® 6 combinations can be used in pregnant cows, heifers and calves nursing pregnant cows. Vira Shield is safe in pregnant females, and has been shown to deliver enhanced Infectious Bovine Rhinotracheitis (IBR) fetal protection eight months post vaccination²



- **Powerful, long-lasting^{2,3} protection** — Vira Shield protects against up to 13 reproductive, respiratory and leptospiral diseases. Also provides 12-month duration of immunity for LHB,³ the most common cause of leptospirosis in the U.S.⁴



- **Powerful Vibrio protection** — A leading inactivated vaccine* that offers Type 2 BVD and *Campylobacter fetus* protection in simple and effective combinations for cows and bulls

- **Able to overcome maternal antibodies** — Vaccine shown to prime the immune system of young calves even in the face of antibodies from cows' colostrum⁵



- **First with 3-way protection** — Vira Shield 6 vaccines contain three types of BVD protection
- **Xtend® adjuvant** — Vira Shield contains Xtend adjuvant, which helps boost general immune response over time and release antigens over time

Protection to meet your herd's needs

Having an effective health program is critically important for the well-being of your animals and your bottom line. Work with your veterinarian or Elanco sales representative or technical consultant to see how Vira Shield can fit into your management needs.

A full line of combinations to meet your needs:

- Vira Shield 4
- Vira Shield 4 + VL5
- Vira Shield 4 + VL5 HB
- Vira Shield 6
- Vira Shield 6 + L5
- Vira Shield 6 + L5 Somnus
- Vira Shield 6 + L5 HB
- Vira Shield 6 + L5 HB Somnus
- Vira Shield 6 + Somnus
- Vira Shield 6 + VL5
- Vira Shield 6 + VL5 Somnus
- Vira Shield 6 + VL5 HB
- Vira Shield 6 + VL5 HB Somnus

Example protocols

Disease Segment	Calves			Heifers		Cows		Bulls
	Branding/ Turnout	Pre-weaning	Weaning	Prebreeding	Pregcheck	Prebreeding	Pregcheck	Turnout
Respiratory	Vira Shield 6 Vira Shield 6 + Somnus	Vira Shield 6 Vira Shield 6 + Somnus	Vira Shield 6 Vira Shield 6 + Somnus					
Reproductive		Vira Shield 6 + L5 HB	Vira Shield 6 + L5 HB	Vira Shield 6 + VL5 HB (2 doses)	Vira Shield 6 + L5 HB	Vira Shield 6 + VL5 HB	Vira Shield 6 +L5 HB	Vira Shield 6 + VL5 HB

The label contains complete use information, including cautions and warnings. Always read, understand and follow the labels and use directions.

¹Zimmerman A., R. Buterbaugh, J. Herbert, J. Hass, N. Frank, L. Luempert, C. Chase. 2007. "Efficacy of bovine herpesvirus-1 inactivated vaccine against abortion and stillbirth in pregnant heifers." JAVMA. 231:1386-1389.

²Chase CCL. 1995. "Protection with an inactivated vaccine against IBR, BRSV and BVDV." Paper presented at: Annual meeting of the American Association of Bovine Practitioners. San Antonio, TX. Vira Shield has no approved claim for duration of immunity for Type 2 BVD

³Pooley, R. and E. Springer. 2010. "Study to Demonstrate Efficacy in Cattle Challenged with Leptospira hardjo at 12 months Post-vaccination." Novartis Animal Health, Research and Development. Report 07NAHLW-7030V. Code 44B5.20.

⁴Zuerner, R. and C. Bolin. 1998. Repetitive sequence element cloned from Leptospira interrogans serovar hardjo type hardjo-bovis provides a sensitive diagnostic probe for bovine leptospirosis. J Clin Microbiology, USDA. 26:2495-2500.

⁵Kaeblerle, M. 1997. "Antibody responses of young calves to inactivate viral vaccines." Beef Research Report – Iowa State University, A.S. Leaflet R1462.

Elanco®, Vira Shield®, Xtend® and the diagonal bar are all trademarks owned or licensed by Eli Lilly and Company, its subsidiaries or affiliates.

© 2016 Eli Lilly and Company, its subsidiaries or affiliates.

nchlth 3092-1

USBVUSH00013(1)