



NOT ALL VACCINES ARE CREATED EQUALLY

GO WITH BOEHRINGER INGELHEIM
TRIED AND TRUSTED VACCINES

The FIRST

The FIRST company to follow the OIE recommendations to include Florida sublineage clade 1 equine influenza vaccine strain (OH/03)¹

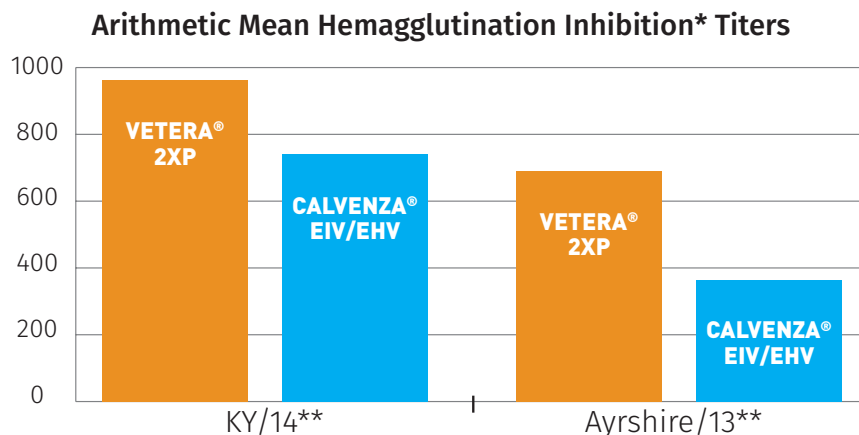
- CALVENZA®, VETERA®
- VETERA® XP line of vaccines also includes Florida sublineage clade 2 EIV vaccine strain (Richmond/07)

WHY DOES THIS MATTER? In 2018, the OIE documented 114 horses transported from Canada to Japan as being infected with equine influenza. All horses had received 2 doses of vaccine at a 5 week interval, with the last being given 10 days before import. The vaccines administered had not been updated to OIE recommendation and included the old American lineage strain, A/equine/Kentucky/ 1/1997.²

The ONLY

- VETERA® is the ONLY vaccine portfolio demonstrating duration of immunity (DOI) of at least 6 months to a Florida sublineage clade 1 EIV challenge³
- VETERA® 2XP is the ONLY vaccine to demonstrate mean hemagglutination inhibition titers of 1:962 against Kentucky/2014, a recent Florida sublineage clade 1 reference strain⁴
- VETERA® is the ONLY vaccine portfolio containing a contemporary WNV strain (2005 WNV Isolate) and a duration of immunity (DOI) of at least 12 months³
- VETERA® and CALVENZA® are the ONLY vaccines that utilize Ultrafil® purification technology to reduce reactions
- VETERA® and CALVENZA® are the ONLY vaccine portfolios with Carbimmune® Adjuvant Formulation to increase vaccine efficacy
- VETERA® and CALVENZA® are the ONLY vaccine portfolios with a “safe in pregnant mares” label claim
- VETERA® is the ONLY vaccine portfolio to have “4 month-old” safety and efficacy claims

High HI titers to recent equine influenza strains following vaccination with VETERA® and CALVENZA® suggest protection against these 2 strains⁴.



* Ether Treated

** Reference Strains:
Kentucky/14
(Florida clade 1) &
Ayrshire/13
(Florida clade 2)

**VETERA® VACCINES ARE UPDATED NOT OUTDATED
WITH NEARLY 6.5 MM DOSES USED IN HORSES**

THE BOEHRINGER INGELHEIM EQUINE COMPREHENSIVE PORTFOLIO OF VACCINES **ARE TESTED IN THE REAL WORLD,** NOT JUST TEST TUBES

VACCINES	SIZES	Core vaccines				Risk-based vaccines						
		Eastern/Western Equine Encephalomyelitis (EEE/WEE)	Equine West Nile Virus (WNV)	Tetanus	Rabies	Equine Influenza (EIV)				Equine HerpesVirus/Rhinopneumonitis		Potomac Horse Fever
			North American E159			Richmond /2007	Ohio /2003	Newmarket /2/93	Ky/95	EHV-1	EHV-4	
Vetera® Gold ^{XP}	1 mL syringe 10 mL vial	✓	✓	✓		✓	✓		✓	✓	✓	
Vetera® 5 ^{XP}	1 mL syringe 10 mL vial	✓		✓		✓	✓		✓	✓	✓	
Vetera® EWT + WNV	1 mL syringe	✓	✓	✓								
Vetera® EWT	1 mL syringe	✓		✓								
Vetera® WNV	1 mL syringe		✓									
Vetera® 2 ^{XP}	10 mL vial					✓	✓		✓	✓	✓	
Calvenza® EIV/EHV	2 mL syringe 20 mL vial						✓	✓	✓	✓	CP	
Potomavac™	1 mL syringe 10 mL vial											✓
Potomavac™ + Imrab®	1 mL syringe				✓							✓
Imrab®	50 mL vial				✓							

CP: cross-protection



REFERENCES:

1. OIE website at <http://www.oie.int/en/our-scientific-expertise/specific-information-and-recommendations/equine-influenza/>. Accessed on April 6, 2018.
2. World Organization for Animal Health (OIE) (2018) – The Official 2018-02.
3. VETERA® Canadian product label.
4. Data on file. BIVI Study number 2014292.