



# POTOMAVAC™. Reliable protection against a deceptive disease.

Potomac horse fever (PHF) has been recognized as a serious equine disease for nearly 30 years. Yet, researchers are still uncovering the details of its geographic range, epidemiology and prevalence.<sup>1-4</sup>

With all this mystery, you can count on two things:

1. If PHF has occurred on a farm, it will probably occur again.<sup>5</sup>
2. Vaccinating horses with POTOMAVAC™ helps protect them from the most severe effects of this serious and deadly disease.

## Why rely on POTOMAVAC?

- Approved for horses as young as 3 months
- Stability confirmed at 30 months postmanufacture<sup>6</sup>
- Includes a pH indicator for sterility

## Proven in efficacy and safety trials.

- In an efficacy trial, 86% of vaccinates were protected from clinical disease (90% of unvaccinated controls experienced clinical disease).<sup>7</sup>
- In the same trial, 100% of vaccinates were protected from death (20% of controls died).<sup>7</sup>
- After challenge, vaccinates had considerably higher antibody titers compared with controls, suggesting an anamnestic response.<sup>7</sup>
- In a separate safety trial, only five mild, transient reactions were observed out of 406 vaccinated horses, ranging in age from nursing foals to 30 years.<sup>8</sup>
- In another safety trial, there were no general reactions or hypersensitivity, even after five vaccinations.<sup>9</sup>



# Powerful protection from Potomac horse fever.



## When to protect horses with POTOMAVAC™. <sup>10</sup>

Equine POTOMAVAC is a trusted vaccine for aiding in the prevention of PHF — even in foals as young as 3 months. Early and regular vaccination can help protect horses in your care against the effects of PHF, including fever, dehydration, colic, late-term abortions and laminitis.

Foal	Yearling	Performance	Pleasure	Broodmare
1st dose: 3 months 2nd dose: 3 to 4 weeks later	Annual	Annual	Annual	Annual

## Protect against rabies in the same dose.

The benefits of POTOMAVAC also are available in a convenient combination vaccine that includes IMRAB® rabies vaccine.

Vaccines	Desiccants	Diluent	Package
Equine POTOMAVAC	No desiccant	<i>Ehrlichia risticii</i> bacterin — killed	5 x 1 dose 3 x 10 dose
POTOMAVAC + IMRAB®	No desiccant	<i>Ehrlichia risticii</i> bacterin — killed Rabies virus – killed, Pasteur strain, one-year duration of immunity	5 x 1 dose 3 x 10 dose

<sup>1</sup>Merck Veterinary Manual. Ninth Edition. 2005:236.

<sup>2</sup>Ryder E. Potomac Horse Fever Cases Popping Up in Ohio. TheHorse.com. Article #10013. July 15, 2007.

<sup>3</sup>Marcella K. Conditions collide to propel PHF/Potomac horse fever must be treated rapidly to dodge fatalities. DVM, January 15, 2005. Available at: <http://www.dvmnews.com/dvm/article/articleDetail.jsp?id=144082&pageID=1&sk=&date=>. Accessed February 18, 2008.

<sup>4</sup>Madigan JE and Pusterla N. Life Cycle of Potomac Horse Fever – Implications for Diagnosis, Treatment, and Control: A Review. 2005 AAEP Proceedings 51:158-162.

<sup>5</sup>Potomac Horse Fever. AAEP.org. Available at: [http://www.aaep.org/potomac\\_fever.htm](http://www.aaep.org/potomac_fever.htm). Accessed February 6, 2008.

<sup>6</sup>Data on file at Merial.

<sup>7</sup>Merial Trial ER-8-88-2.

<sup>8</sup>Merial Trial ER 89-006.

<sup>9</sup>Merial Trial ER 89-002.

<sup>10</sup>USDA-approved label claim.

©IMRAB, ZIMECTERIN, RECOMBITEK and EQUIOXX are registered trademarks, and <sup>TM</sup>POTOMAVAC and the HORSE HEAD LOGO are trademarks, of Merial. ©GASTROGARD and ULCERGARD are registered trademarks of the AstraZeneca Group of Companies. ©2008 Merial Limited. Duluth, GA. All rights reserved. LAGEBPM802 (3/08)



1-888-MERIAL-1

Merial Family of Brands

