ARE YOUR EQUINE PATIENTS AT RISK FOR LEPTOSPIROSIS?

This risk assessment can help you determine if your patients may need additional protection from leptospirosis. If you answer yes to any of these questions, your patients may be at risk for leptospirosis.

YES NO

☐ Do your patients have access to standing water or ponds?

☐ Has there been signs of renal disease in any of your patients?

☐ Have any of your patients or horses they are housed with experienced recent abortions, stillbirths or neonatal deaths?

☐ Is there wildlife in your clients' horse barns? Do your clients keep feed/hay in open containers? Do they feed on the ground?

☐ Have any of your clients' horse pastures flooded this year?

☐ Has this year been wetter than years past?

☐ Do your patients have access to standing water or ponds?

☐ Are there skunks, white-tailed deer, raccoons, opossums or other wildlife sharing your patients’ environment?

☐ Are your equine patients at risk for leptospirosis?

This risk assessment can help you determine if your patients may need additional protection from leptospirosis. If you answer yes to any of these questions, your patients may be at risk for leptospirosis.

LEPTOSPIROSIS IS HARD TO DETECT.
NOW HELPING PREVENT IT CAN BE EASY.

LEPTO EO INNOVATOR

TO LEARN MORE ABOUT HOW LEPTO EO INNOVATOR CAN HELP PROTECT YOUR EQUINE PATIENTS, TALK TO YOUR ZOETIS REPRESENTATIVE, VISIT LEPTOEQINNOVATOR.COM OR CALL VETERINARY MEDICAL INFORMATION AND PRODUCT SUPPORT AT 800-366-5288.

WE'RE COMMITTED TO YOU.

Zoetis supports you with unmatched product support, technical training and customer education materials. We continue to invest in research and development to bring you advanced vaccine solutions, such as LEPTO EO INNOVATOR, the newest addition to the trusted INNOVATOR line of equine vaccines from Zoetis.

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WHAT IS LEPTOSPIROSIS?
It's a bacterial infection caused by spirochetes belonging to Leptospira spp.

HOW DO HORSES BECOME INFECTED?
- Urethra from infected animals serves as the primary source of infection.
- Spirochetes penetrate mucous membranes or abraded skin.
- Bacteria enter the bloodstream, replicate and travel to the kidneys, eyes and reproductive tract.
- Horses can become septicemic.
- Infected or carrier horses can carry the bacteria in the urine.

WHAT ARE THE RISK FACTORS FOR LEPTOSPIROSIS?
The bacteria can survive for weeks in warm, moist environments.10
- Dr. Craig Carter of the University of Kentucky conservatively estimates losses of more than $500 million over a 20-year period with 561 confirmed cases of leptospiral abortion in Kentucky.2
- Horses may be 3.7 times more likely to abort due to leptospires during seasons with heavy rainfall.8
- Acute renal failure, especially in yearlings, can occur with renal infection associated with leptospires.8
- Acute renal failure, especially in yearlings, can occur with renal infection associated with leptospires.8
- The pathogen can colonize in the kidneys and the uveitis (ERU).

DISEASE OUTBREAKS MAY BE ASSOCIATED WITH RAINFALL.2,9
- In a year with average rainfall, leptospiral abortions can result in overall losses of approximately $1.4 million.9
- Heavy rainfall can increase that risk by as much as 3.7 times, with losses as high as $4.2 million in the Thoroughbred breed alone.3
- Reliable abortion data is rarely obtained, so the actual number of leptospiral abortions can result in hundreds of horses, so the actual number of leptospiral abortions can result in hundreds of horses.10,11,12

LEPTOSPIROSIS IS LIKELY UNDERDIAGNOSED. Clinical signs associated with acute infection are generally non-specific, such as fever, depression, anorexia and generalized pain.3 While the microscopic agglutination test (MAT) is a common diagnostic tool, a single high titer does not differentiate between exposure and infection.11 With no pathognomonic signs of acute infection and difficulties with diagnostic testing, it’s likely that leptospirosis is underdiagnosed in horses.

WHAT IS LEPTO EQ INNOVATOR®
LEPTO EQ INNOVATOR® was developed specifically for horses.13 Note you can help protect your patients with LEPTO EQ INNOVATOR. Created in collaboration with equine industry leaders, LEPTO EQ INNOVATOR is the first and only equine vaccine to help prevent leptospirosis caused by L. pomona in horses 6 months of age or older.

LEPTO EQ INNOVATOR HELPS PROTECT AGAINST THE MOST CLINICALLY RELEVANT SEROVAR.
LEPTO EQ INNOVATOR helps prevent leptospirosis which could, but has not been demonstrated to help reduce the potential risk of equine recurrent uveitis (ERU), abortion or acute renal failure caused by L. pomona.7

METAStock® ADJUVANT SYSTEM
METAStock® is a proprietary adjuvant system designed for safe, enhanced presentation of L. pomona antigens to the horse's immune system. Features a dual-phase formulation shown to stimulate both cell-mediated and humoral immunity.8 Only INNOVATOR vaccines are adjuvanted with METAStock® for improved immune response.9

DEMONSTRATED TO BE SAFE AND EFFECTIVE.
LEPTO EQ INNOVATOR provides a safe, immune response, as demonstrated in safety and efficacy trials:
- Vaccinated horses challenged with Leptospira interrogans Serovar Pomona demonstrated 0% urinary shedding.24
- When the vaccine was administered in field safety studies to 905 horses, 99.8% of the horses were reactant-free. A reactant rate of 0.22% demonstrates the safety of LEPTO EQ INNOVATOR.10

VACCINE PRIOR TO EXPOSURE.
LEPTO EQ INNOVATOR is for vaccination of healthy horses 6 months of age or older:
- It’s available in a ready-to-use 10-dose tank.
- Inject a single 1-mL dose intramuscularly.
- Administer a second dose three to four weeks later.
- Annual reimmunization with a single dose is recommended.
- Currently, there are no vaccines available with USDA-licensed label claims against equine abortus, uveitis or acute renal failure due to L. pomona.