





## S\_Rift Valley Fever

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S 1 d e 1 7	<ul> <li>Der vector</li> <li>Por vector</li> <li>Picadura de mosquito infectado con RVF</li> <li>Por contacto directo</li> <li>Tejidos o fluidos corporales de animales infectados</li> <li>Al manejar tejidos durante la parición, carne</li> <li>Por aerosol</li> <li>Al respirar el virus durante el sacrificio de animales infectados o en el transcurso del proceso de parición</li> </ul>	Rift Valley Fever may be transmitted to people from animals through several ways. A person may be bitten by a mosquito infected with RVF. The RVF virus may be transmitted by direct contact of infected animal tissues, meat, or body fluids with a person's skin. The RVF virus may be breathed in during slaughter of infected animals or during the birthing process.
S 1 d e 1 8	<ul> <li>Por vía oral</li> <li>Al beber leche no pasteurizada proveniente de un animal infectado.</li> <li>No muy común</li> <li>No se propaga de una persona a otra</li> </ul>	Finally, RVF may be transmitted by drinking unpasteurized milk from an infected animal. This method of transmission is not thought to be as common as the others. To date, no person-to-person transmission has been documented.
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S 1 d e 2 0	<section-header><section-header><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></section-header></section-header>	The period of time from exposure to the virus until signs of the disease in humans has been reported to be anywhere from 2 to 12 days. The average is 2-6 days. The majority of humans who have RVF are asymptomatic (do not have signs) or have self-limiting flu-like signs. These signs include fever, headache, muscle and joint pain, and possible nausea and vomiting. Recovery is usually in 4-7 days. In less than 1% of humans infected, severe disease can occur. This can include inflammation of the retina of the eye (retinitis), high fever with a bleeding disorder (hemorrhagic fever) or inflammation of the brain (encephalitis). The death rate in humans may reach 1% of the people who are infected.





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e	otras medidas de control	A
	– Es el menos eficiente	k
3	momento correcto para su aplicación	a
3	<ul> <li>Requiere de personal adecuadamente capacitado</li> <li>Para mayores informes, acudir a la oficina local</li> </ul>	v
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S l i d e	Control  Mosquitos  Centrarse en la eliminación de los sitios de ovipostura de la hembra del mosquito  Vacunación de bovinos, borregos y cabras  Puede ocasionar malformaciones congénitas y abortos No actá aprobada para utilizarse en EE UIU	T it b d d
S 1 i d e 3	Control  • Mosquitos  - Centrarse en la eliminación de los sitios de ovipostura de la hembra del mosquito  • Vacunación de bovinos, borregos y cabras  - Puede ocasionar malformaciones congénitas y abortos  - No está aprobada para utilizarse en EE.UU  • Restringir la movilización de animales	T it b c d d n
S 1 d e 3 4	Control  • Mosquitos  • Centrarse en la eliminación de los sitios de ovipostura de la hembra del mosquito  • Vacunación de bovinos, borregos y cabras  - Puede ocasionar malformaciones congénitas y abortos  - No está aprobada para utilizarse en EE.UU  • Restringir la movilización de animales • Restringir la permanencia de personal no esencial en la explotación agropecuaria	T it b d d n t
S 1 d e 3 4	Control  Mosquitos  Centrarse en la eliminación de los sitios de ovipostura de la hembra del mosquito  Vacunación de bovinos, borregos y cabras  Puede ocasionar malformaciones congénitas y abortos  No está aprobada para utilizarse en EE.UU  Restringir la movilización de animales  Restringir la permanencia de personal no esencial en la explotación agropecuaria	T it b c d d n t t v
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Altering the mosquito habitat is a long-term solution to mosquito control and the best mean of control. There are several steps that may be taken to identify and to reduce or eliminate mosquito breeding habitats. Drain or fill in low-lying, flood-prone areas. Grade newly developed land to prevent standing water. Add drainage holes on structures and containers that may trap water such as barrels and old tires. Pick up and properly dispose of all trash, especially anything that could hold water. Clean roof gutters to prevent them from becoming clogged and holding water. Change water in pet bowls, birdbaths, and stock tanks at least once a week. Fill tree holes with sand or mortar or place drainage holes to prevent standing water. Check and drain pool tarps and covers for collected rainwater. This photo depicts old tires that could provide a breeding site for mosquitoes. The document on Pest management for Prevention and Control of Mosquitoes can be found through Washington State University Extension http://pep.wsu.edu/pdf/pls121mosquito.pdf There are non-chemical pesticides that target mosquito larva that are safe and easy to use. These pesticides are used to target known mosquito breeding sites or areas that pose a potential problem. This might include an area that is impractical to drain or difficult to fill. These non-chemical methods include a bacteria that specifically targets mosquito larva. It is called BTI (Bacillus thuringiensis israelensis) pronounced ba-SILL-us thur-in-GEN-sus iz-REEL-en-sus. It is available in two different forms. The granules may be used over an area of pasture that is prone to flooding. It is used at the beginning of "mosquito season" and re-applied at the middle of the "mosquito season". The second form, known as a dunk, may be used to treat stock tanks. One dunk will last approximately 30 days. Your local extension office can assist you when making a decision to use any pesticide. This picture depicts cattle standing in water at the edge of an irrigated pasture. (Source: CDC) Adult mosquito control may be difficult and a single person attempting control may find this difficult and impractical due to a large area that nay need to be treated. However it may be necessary when other control neasures, such as mosquito breeding site elimination, are unsuccessful. Adult mosquito pesticides are the least efficient and they required nowledge of what type of pesticide to use and the time of the pplication to be successful. Your local extension office can assist you when making a decision to use any pesticide. This picture depicts a man praying for adult mosquitoes.

The same information applies while trying to control a RVF outbreak as it does to preventing one--through mosquito control. The focus should be on elimination of mosquito egg laying sites. In addition, vaccination of cattle, sheep, and goats is the most effective method of controlling the disease. However, the current vaccine can cause abortions and birth defects but is usually less than the effect of the disease. This vaccine is not approved for use in the United States. Research is being conducted to develop a safer vaccine. If RVF is suspected, contact your local veterinarian immediately and restrict movement of animals. Humans that are sick with RVF may be a source of virus for mosquitoes. Restrict all non-essential personnel and visitors to your farm during an outbreak.



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