**Product Information Sheet for NR-43026**

**Culex tarsalis YOLO**

**Catalog No. NR-43026**

For research use only. Not for human use.

**Contributor:**
William Reisen, University of California, Davis

**Manufacturer:**
Centers for Disease Control and Prevention

**Product Description:**
Classification: Diptera: Culicidae
Species: *Culex tarsalis*
Subspecies/strain: Yolo County
Common name: western encephalitis mosquito
Original Source: Dry ice bait trap, Fazio Wild Life Refuge, Yolo County CA, 2003
Pathogens for which vector is transmission competent: WEEV, SLEV, WNV, RVFV, CEV, avian *Plasmodium spp.*

**Material Provided:**
Room temperature live egg rafts on damp filter paper.

**Packaging/Storage:**
This material is prepared and shipped from CDC, Atlanta, GA USA.

**Growth/Rearing Conditions:**
1.5 ft³ cage for adults offered 10% sucrose constantly. 22-24°C, 50-70% humidity, 14:10 Light:Dark with 1.5 simulated dusk and dawn to enhance mating. Larvae reared in aerated trays and fed a mixture of rabbit pellets: fish food. Adult blood feeding on live birds, mice or heparinized blood in Hemotek feeder.

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: *Culex tarsalis* YOLO, NR-43026.”

**Biosafety Level: 1**
Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. *Biosafety in Microbiological and Biomedical Laboratories.* 5th ed.


**Disclaimers:**
You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at [www.beiresources.org](http://www.beiresources.org).

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

**Use Restrictions:**
This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

**References:**

BEI Resources is funded by the National Institute of Allergy and Infectious Diseases (NIAID).

ATCC® is a trademark of the American Type Culture