

CA 70 TMENT 10 40



Figure 1—With the spread of West Nile virus, mosquitoes are more than a nuisance for wildland firefighters.








Cautions

The flame-resistance tests indicate a potential hazard with the use of DEET products on flame-resistant clothing. MTDC recommends that DEET not be applied to flame-resistant clothing. DEET could be applied to the skin so long as the application follows the manufacturer's instructions. Other products meant to repel mosquitoes also can be used on the skin, so long as the manufacturer's instructions are followed.

Tests indicate that permethrin products can be used on flame-resistant clothing without diminishing the protective performance of the clothing. Permethrin is to be applied to clothing following the manufacturer's instructions and allowed to dry before the clothing is worn. Permethrin should not be applied directly to the skin.

Although permethrin's toxicity to mammals and birds is low, it is known to be toxic to fish and bees. The Missoula

Technology and Development Center is not taking a position for or against use of permethrin, but wants firefighters to be aware of the option. Additional information on DEET and permethrin is available at the Extension Toxicology Network (EXTOXNET). <http://pmep.cce.cornell.edu/profiles/extoxnet>

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