

# TECHNOLOGY EDUCATION GUIDE

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**insect  
shield**<sup>®</sup>  
for pets



## WHAT IS INSECT SHIELD?

Insect Shield<sup>®</sup> technology converts clothing and gear into long-lasting, effective and convenient insect protection. A revolutionary defense in the battle against bugs, Insect Shield<sup>®</sup> is a technology for treating gear that repels mosquitoes, ticks, flies, and fleas.

The active ingredient in Insect Shield, **permethrin**, is tightly bonded to the fabric offering effective, odorless, built-in insect protection.

## WHICH INSECTS DOES INSECT SHIELD REPEL?

Insect Shield Repellent Gear has been proven and registered to repel **mosquitoes, ticks, fleas, and biting flies**. The EPA requires extensive effectiveness data to prove a product's ability to repel insects. Many species and varieties of these insects have been tested, including many that can carry dangerous diseases.

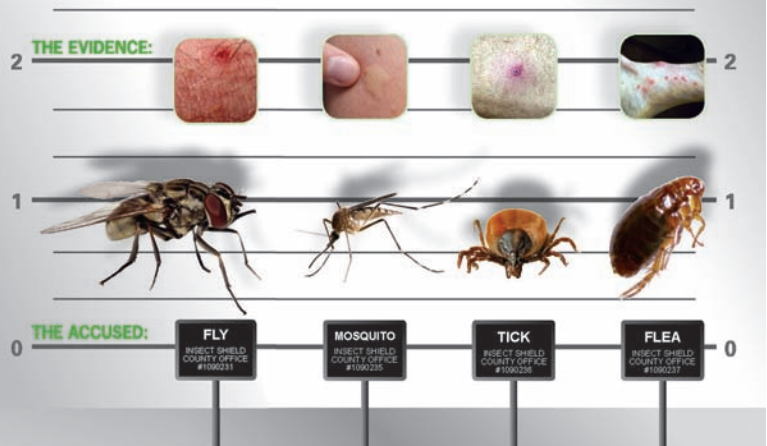
The active ingredient in Insect Shield is so tightly bonded to the fabric fibers that it retains effective repellency through the life of the product



Insect Shield Technology repels insects including those that carry Lyme disease, West Nile virus, malaria and other insect-borne diseases.



**Insect Shield** effectively repels mosquitoes, including those that may carry the Zika virus!



# BUILT-IN INSECT PROTECTION!

# HOW LONG WILL INSECT SHIELD PROTECTION LAST?

Insect Shield Gear repellency remains effective through 25 launderings for washable items, the expected lifetime of the product. Normal home laundering is recommended. Insect Shield repellent gear can be bleached, starched, pressed, etc., without effect on the repellent quality; however, it should not be dry-cleaned.

# WHAT ARE THE BENEFITS OF INSECT SHIELD VS. OTHER FORMS OF INSECT PROTECTION?

Insect Shield apparel puts insect repellency near pet's skin, instead of on it, and the protection is invisible. Also, the repellency is long lasting, so no re-application is needed, which is convenient, and can help alleviate concerns about overuse and misuse of repellent.

# CAN INSECT SHIELD BE USED WITH OTHER FORMS OF INSECT PROTECTION?

Insect Shield for Pets can be used in conjunction with traditional topical preventatives. While Insect Shield can serve as an effective standalone insect defense, combining the power of Insect Shield with that of traditional topical preventatives will truly give pets unmatched protection from pests that can carry dangerous diseases.



**Insect Shield is an approved vendor of the US Army and US Marine Corps.** The Army treats all combat uniforms issued to soldiers with permethrin insect protection.



**Insect Shield can be used by the entire family.** Insect Shield Repellent Apparel from KidzStuff / Miami Childrens Hospital

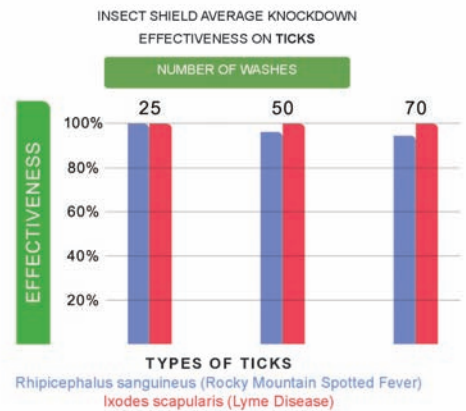
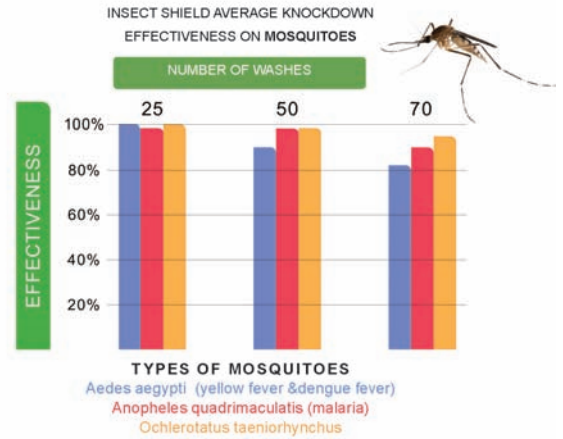
The active ingredient in Insect Shield is permethrin, which is recommended on apparel by the following agencies:

- The U.S. Centers for Disease Control and Prevention (CDC): [www.cdc.gov/travel](http://www.cdc.gov/travel)
- The World Health Organization (WHO): [www.who.int](http://www.who.int)
- National Institute for Occupational Health and Safety: [www.cdc.gov/niosh/topics/lyme](http://www.cdc.gov/niosh/topics/lyme)
- The American Academy of Family Physicians: [www.familydoctor.org](http://www.familydoctor.org)
- The Public Health Agency of Canada: [www.phac-aspc.gc.ca](http://www.phac-aspc.gc.ca)

**Insect Shield is tested and proven.**

### KNOCKDOWN TESTING OVERVIEW

Knockdown testing is a widely accepted scientific methodology for determining efficacy of insect-repellent treated textile products. Knockdown is a precise lab test that shows effectiveness through long-term washings.



For more information, and to see videos of Insect Shield in action, visit [www.InsectShieldForPets.com](http://www.InsectShieldForPets.com)