

## Effect of Dry Hydrogen Peroxide on Arthropod Species in Real-World Tests

Organism	Exposure Time	Attempt to Flee?	Percent Killed
Crickets	21 hours	Yes	100%
House Flies	24 hours	Yes	100%
Lice and nits	2 days	N/A	100%
Mosquitoes	2 hours	Yes	100%
Stink Bugs	24 hours	Yes	100%
Yellow Jackets and Nest	1 day	Yes	100%

## Effect of Dry Hydrogen Peroxide on Arthropod Species in Laboratory Tests

### Mortality

Organism	Exposure Time	Attempt to Flee?	Percent Killed
Bedbugs	3 hours	No, Went Dormant	50%
	60 hours		100%
Brown Dog Tick	3 hours	Yes	70%
	60 hours		100%
Carpenter Ants	24 Hours	Yes	15%
Cellar Spiders	24 Hours	Yes	33%
Deer Ticks	3 hours	Yes	70%
	60 hours		100%
Fruit Flies	72 hours	Not noted	100%
House Fly Pupae	7 days	N/A	100%
Termites	24 hours	Yes, Then went dormant	100%
Wolf Spiders	1 hour	Yes	100%

### Repellency

Organism	Exposure Time	Percent Repelled
German Cockroaches (Adult/Nymph)	30 Days	88.7%/99.5%
Mosquitoes	12 Hours	82.9%