

ConsumerReports INSECT REPELLENT RATINGS

☒ Recommended

● Excellent ● Very Good ○ Good ● Fair ● Poor

	Brand	Price	Ratings and Test results							
			Overall score	Active ingredients	Effectiveness Aedes Mosquitoes (hrs.)	Effectiveness Culex Mosquitoes (hrs.)	Effectiveness Deer Ticks (hrs.)	Type	Cost per oz. (\$)	Resists damage to materials
☒	Sawyer Fisherman's Formula Picaridin	\$8.25	96	Picaridin 20%	8.0	8.0	8.5	Pump spray	2.06	○
☒	Repel Lemon Eucalyptus	\$7.00	87	Oil of lemon eucalyptus 30% [Approximately 65% p-menthane-3,8-diol]	7.0	8.0	7.3	Pump spray	1.75	●
☒	Repel Scented Family	\$7.50	82	Deet 15%	5.0	8.0	8.5	Aerosol spray	1.15	○
☒	Natrapel 8 Hour	\$8.00	81	Picaridin 20%	7.8	8.0	6.0	Aerosol spray	1.33	○
☒	Off! Deepwoods VIII	\$7.00	74	Deet 25%	8.0	8.0	4.9	Aerosol spray	1.75	○
	Coleman SkinSmart	\$8.00	69	3-[N-butyl-acetyl]-amino propionic acid ethyl ester IR3535 20%	3.1	6.0	8.2	Aerosol spray	1.33	○
	Cutter Skinsations	\$4.50	33	Deet 7%	1.3	2.9	6.0	Pump spray	0.75	○
	Cutter Natural	\$5.50	29	Geraniol 5%, soybean oil 2%, sodium lauryl sulfate 0.4%, potassium sorbate 0.1%.	0.9	0.6	7.9	Pump spray	0.92	●
	Burt's Bees Herbal	\$8.00	28	Castor oil 10%, rosemary oil 3.77%, lemon-grass oil 2.83%, cedar oil 0.94%, peppermint oil 0.76%, citronella oil 0.57%, clove oil 0.38%, geranium oil 0.19%	1.0	1.3	6.2	Pump spray	2.00	●
	babyganics Natural	\$9.00	25	Soybean oil 95.89%, citronella oil 2%, rosemary oil 1.50%, lemongrass oil 0.50%, peppermint oil 0.10%, geranium oil 0.01%	0.5	1.0	6.8	Pump spray	1.50	●
	Bull Frog Mosquito Coast	\$8.00	25	3-[N-butyl-N-acetyl]-amino propionic acid ethyl ester IR3535 20%	0.8	3.5	4.7	Aerosol spray	1.33	○
	All Terrain kids Herbal Armor	\$9.00	23	Oil of soybean 11.5%, oil of citronella 10%, oil of peppermint 2%, oil of cedar 1.50%, oil of lemongrass 1%, oil of geranium 0.05%.	0.6	1.1	6.6	Pump spray	2.25	○
	California Baby Natural Bug Blend	\$15.50	22	Pure essential oils of cymbopogon nardus (citronella) 5%, cymbopogon schoenanthus (lemongrass) 0.5%, cedrus atlantica (cedar) 0.5%.	0.5	0.5	6.7	Pump spray	2.38	●
	Off! FamilyCare II Clean Feel	\$6.00	18	Picaridin 5%	0.5	0.9	5.2	Pump spray	1.00	●
	EcoSmart Organic*	\$7.00	7	Geraniol 1%, rosemary oil 0.5%, cinnamon oil 0.5%, lemongrass oil 0.5%,	0.5	0.5	1.3	Pump spray	1.17	●

*Does not contain certified organic ingredients.

GUIDE TO THE RATINGS: **Price:** An approximate retail price. **Overall score:** Based on mosquito and tick repelling effectiveness. The displayed score is out of a total of 100 points. **Active ingredients:** The active ingredients listed on the product's label. **Effectiveness Aedes Mosquitoes (hrs.):** The number of hours that the product lasted before Aedes mosquitoes began to bite. **Effectiveness Culex Mosquitoes (hrs.):** The number of hours that the product lasted before Culex mosquitoes began to bite. **Effectiveness deer ticks (hrs.):** The number of hours that the product lasted before deer tick nymphs crossed onto a treated forearm. **Type:** Either pump or aerosol spray. **Cost per oz. (\$):** Approximate retail price divided by product contents in ounces. **Resists damage to materials:** We test repellents on a few common materials. Those scoring higher are less likely to cause damage. If you are concerned about damage, test first on an inconspicuous spot.