



Bed Bug Control Service Options

Aprehend® bio-pesticide application

About the Treatment:

Aprehend® is a bio-pesticide composed of fungal spores and is sprayed strategically in narrow bands where bed bugs are known to walk; direct spray contact is not necessary. Bed bugs of all lifestages, sex, or feeding status are killed within 4-10 days following short-term contact with a treated surface. The fungal spores germinate within 20 hours of contact and then penetrate the cuticle of the bed bug and colonize inside, resulting in death. These spores can be transferred from one bedbug to the others in the room, making it very powerful in establishing full control of an infestation.

However, Aprehend® cannot penetrate or kill eggs. Bed bug eggs will hatch if they are present. It is important to us that you know we must allow the necessary 30-45 days for this method to visibly see control of an infestation. We expect ongoing activity of bed bugs until full control which will take time. Industry standard recommendation is six months of ongoing monitoring to determine full control.

Heat vs. Aprehend®:

Aprehend® can be effective for mild to moderate infestations, depending on the circumstances. It is a cost-effective option compared to a heat treatment, due to the shorter amount of client preparation and time required for application. While heat is great for instant results, Aprehend® is known for lasting results and can be combined following a heat treatment for added assurance. It is an active bio-pesticide that lasts for months in order to kill any bed bugs that may have been reintroduced into the structure following treatment. Solely using heat as a method of control cannot address passive dispersal activity, (the introduction of bed bugs to a room from a different location) which does occur on a regular basis and is one of the main reasons that bed bugs are prevalent around the world.

Aprehend® is known for its safety for humans and pets while remaining extremely effective against bed bugs. Due to its excellent long-term activity, Aprehend® can provide up to three months of active control per application. It is a unique product with one of the only pesticide labels in Canada that allows for regular preventative treatments at sites that are at risk of developing infestations, like hotels and motels. Since Aprehend® is not applied directly to a mattress, bed bug encasements are recommended and can assist in providing to the residents a higher level of confidence when monitoring.

Price & Warranty:

Aprehend® treatments start at \$745 and increase thereafter depending on the size of your house. We include a 60-day warranty on our Aprehend® applications, but it is important to know that with this method, we expect you to visibly see bed bugs within the first 14 days following application, and in some cases, within the first 30 days. The primary reason is the inability of Aprehend® to kill bed bugs immediately, as well as its inability to penetrate eggs. An after 30-day professional inspection is offered at 50% off with service. This inspection discount valid during warranty period.

For immediate results, we recommend selecting a heat treatment, and for the best result, we recommend a combination of heat & Aprehend® treatments. Heat does not have any lasting effects, and treating the entire house can be very expensive. For this reason, we often recommend heat and Aprehend® in the infested

rooms, and Aprehend® only for the remainder of the house. This will provide an immediate resolution to the infestation and provide an added layer of active control.

Heat

About the Treatment:

Heat treatments for instant bed bug control is an excellent choice and is our preferred treatment method for moderate to severe infestations because they allow us to kill all live bed bugs and eggs in a single day. We bring the structure up to a minimum of 120 Fahrenheit for at least 3 hours to effectively kill all bed bugs. A typical heat treatment takes 6-12 hours depending on the exact environment.

For a treatment to be effective every item in the room needs to reach 113° F for a minimum period of 60 minutes. On average, it requires one hour to get a room up to temperature, sometimes longer if it's a large space, and then the temperature is sustained for 3 hours.

Our bed bug heating systems are electric, and we require a 40 or 50 amp circuit at the location to power the heating equipment. Alternatively, if the home does not have the proper circuit and plug, we can utilize a trailer mounted generator to supply power. (additional fee may apply)

While heat is a great choice for immediate control, we want to make sure you are aware that there is a significant amount of preparation prior to our arrival and its important to us that you consider this in making your decision on what is best for your situation. This includes the removal of valuables, antique furniture, combustible items like aerosol cans, perishable foods, etc.

Price & Warranty

Heat treatments start at \$1800 and increase thereafter depending on the size of your house. We do not include a warranty on our heat treatments because there is no lasting effect of heat. A 50% non-refundable deposit is required. (please note: if rescheduling become necessary, a fee may occur.) To ensure a successful treatment, it is integral that all preparation recommendations be followed.

We also offer discounted rates when combining heat with Aprehend® treatments. Using both methods will have the greatest chance of preventing reinfestation because Aprehend® will continue to kill bed bugs for up to 90 days after it is applied. When the two treatments are combined, we offer a 60 day warranty.

Dragnet and other pyrethroid pesticides

About the Treatment:

Dragnet is an insecticidal neurotoxin with the active ingredient of Permethrin. Being a neurotoxin, Dragnet works by disabling the bed bug's neurological system. While Dragnet can be a very cost-effective option, we typically only use Dragnet in certain environmental conditions where it may be the better option. One drawback to Dragnet is the frequency of reapplication needed in the future. This occurs often as the label does not allow it to be applied to furniture to provide control the same way a heat treatment or Aprehend® application can.

In addition, the inability for Dragnet to penetrate bed bug eggs can be a problem. Bed bug eggs are laid in a waterproof casing, making it extremely difficult to kill the eggs before hatching. While Dragnet application is moderately effective for live bed bugs, it can take up to 28 days for an egg to hatch resulting in reinfestation if ongoing applications are not completed until full control. Some bed bugs are known to become resistant to the pyrethroid products, so may not be the best choice for your location. Please call and consult with us further on the use of Dragnet as well as other pyrethroid products.

Dragnet and other pyrethroid pesticides (cont.)

Price and Warranty:

Crack and Crevice, spot, perimeter applications for a single bedroom starts as low as \$475 with additional application charges for any other bedrooms or living rooms or other infested locations inside the home. This is a per application fee and we recommend reapplications per label instructions as soon as 7-14 days. The average number of reapplications to establish full control often will range based on how severe the infestation.

Steam

About the Treatment:

Steam treatment is a great option for targeted spot treatments and is the most practical for treating smaller spaces such as offices or automobiles. We occasionally use steam in conjunction with Aprehend® or Heat treatments to further increase their effectiveness. We provide steam via the Polti Cimex Eradicator, which is a professional grade, bedbug specific, dry steam tool. Due to the dry nature of the steam produced, we do not have to worry about water damage or residual moisture, as most or all moisture will evaporate quite quickly following treatment.

PROFESSIONAL BED BUG STEAMER: The Polti Cimex Eradicator is the first and only steamer designed for pest control professionals that generates saturated, dry and superheated steam up to 356°F.

THE ADVANTAGES OF SUPERHEATED DRY STEAM: High temperature ensures that when the steam hits the bed bug, it is hot enough to kill them instantly. Less moisture means greater penetration into porous surfaces, such as loose fabrics, as well as cracks and crevasses where bed bugs hide.

NO CHEMICALS: The Polti Cimex Eradicator is a 100% natural bed bug killer. Most bed bug treatment methods require customers to vacate the treatment site for several hours. However, with the steam method, residents can re-enter the room immediately and if necessary, can even remain during the treatment. This is especially useful when assisting customers with low mobility.

Price & Warranty:

Steam applications, while effective for certain environments that are necessary for its use, do often require repeat applications as its use is for live visible organisms. The service cost ranges at \$350-\$475 and \$100/hour for any additional time required beyond the typical 2-hour steam service. Please note, this is a per service cost. Repeat steam applications are best completed every 7 to 14 days until full control has been established. While this is a safe, no chemical use method of control, this is not an active control environment and so we are unable to provide any warranty on this method. Please note: the number of steam applications, while instant in its effect, does require numerous reapplications, sometimes as many as 8-10 reapplications in moderate to severe infestations, in order to establish full control in a structure.

Which methods are best for you?

We are here to help

The control methods you choose that are best for you to pursue bed bug extermination are important to us. We hope you have found this information useful in making your decision and we know you may have further questions. We want to help build a custom service plan that is designed to meet all your needs.

Text or call us today 250-764-2687

Email help is also available at support@bugmanpestcontrol.ca