



WHY SCHOOLS & **BIRD CONTROL** 



# DISEASES

### CARRIED IN BIRD DROPPINGS & DEBRIS

Birds that are landing and roosting on your building may be making you vulnerable to serious health risks from the organisms that often grow in the nutrient-rich bird droppings, feathers and debris. The chart below show the diseases associated with pest birds.

Two of the most common diseases carried by pest birds such as crows, pigeons and gulls are:

#### Histoplasmosis

This disease is transmitted to humans by airborne fungal spores found in pigeons and many other birds. The fungus has been

birds. The fungus has been found in droppings in attics and secluded nests. You can get infected if you inhale the fungal spores while cleaning off bird droppings or removing

old nests. While most infections are mild and produce an influenza-type illness, the disease can cause high fever, blood abnormalities, pneumonia and even death. In rare cases, victims can succumb to a potentially blinding eye condition called ocular histoplasmosis syndrome (OHS).

#### **West Nile Virus**

This virus can cause serious illness and is most often carried by pigeons and sparrows, although more than 200 species of birds have been found to be infected by the virus. Sparrows can harbor the virus for five days or more at levels high enough to infect

mosquitoes that bite them. Most common symptoms of a mild WNE infection include fever, headache, and body aches, as well as skin rash and swollen lymph nodes.

Pest birds can carry over 60-transmittable diseases. Those that are most susceptible to these diseases are children and those with compromised immune systems. If bird feces is left unattended in areas such as roofs, on A.C. units and rooftop vents; it can quickly buildup and enter the building through A.C. vents and thus breathed in by the buildings habitants.

The best way to keep bird feces from building up is to install a humane bird control system before it becomes a problem.









BACTERIAL	FUNGAL	PROTOZOAL	VIRAL
Paratyphoid	Histoplasmosis	toxoplasmosis	encephalitis
Vibriosis	Candidiasis	American Trypanosomiasis	St. Louis Encephalitis
Salmonella	Sarcosporidiosias		West Nile Virus
Listeriosis	Blastomycosis		Avian (Bird) Flu
Pasteurellosis			

## MAINTENANCE

### ELIMINATE PROPERTY DAMAGE & MAINTENANCE COSTS

Maintenance costs to clean up after and repair damage caused by pest birds can quickly run into the thousands. The birds themselves can cause damage to roofs and equipment on roofs when trying to build nests and use your building as a home. The droppings that they leave behind contain uric acid, which can quickly eat through building materials. For these reasons it is important to be sure that some sort of professional bird control system is in place if you are experiencing a bird problem on your building.

# PROBLEMS CAUSED BY PEST BIRDS ON BUILDINGS

#### Nests:

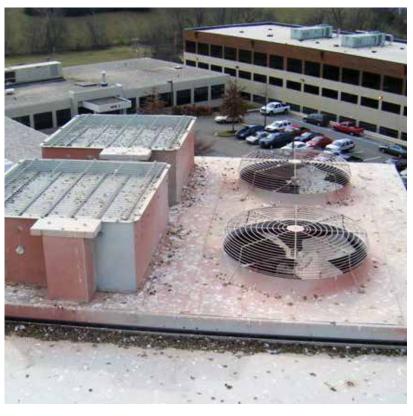
Roof damage – Pest birds such as pigeons, starlings and sparrows like to use gutters, drains and the underside of roof corners to build their nests. Buildings have experienced great damage, even collapsed roofs, from drainage systems that are backed up with bird debris. A collapsed roof can be a major safety risk to those that are in the building.

**Ventilation systems** – Birds like to build their nests in and around ventilation systems, not only spreading disease, but blocking the ventilation to the building causing a build up of carbon dioxide.

**Fires** – Nests are usually made up of twigs and other flammable material, which can cause a serious fire risk if left to build up in areas where electricity is present.

### **Droppings:**

**Disease** – The biggest threat from bird droppings is the diseases they carry, as we have



Each year schools spend thousands of dollars on repairing and cleaning up damage caused by pest birds.

already discussed. When humans inhale the microorganisms that dried droppings may contain, they can quickly become extremely ill.

**Building Materials** – If left to build-up, bird droppings can quickly erode building materials like wood, stone, steel and iron. Allowed to accumulate, droppings can clog gutters, discolor paint, corrode i-beams, ruin cloth awnings and short out electrical equipment.

**Roofs** – Bird droppings can eat away at roofing material, especially tar-based materials. If droppings are allowed to accumulate on roofs, they will quickly eat away at the roofing materials causing leaks. There is also a chance that anyone working on the roofs can be contaminated by the bird droppings.

# SOLVE YOUR BIRD PROBLEM

#### WITH HUMANE & SAFE BIRD CONTROL PRODUCTS

Once a bird problem is detected it is important to quickly resolve the issue and get rid of the birds. The best way to get the birds to leave is to install humane professional bird control products. There are a variety of bird control products that work to

keep birds off buildings or keep birds out of buildings.

Choosing the right bird control product can often be difficult for someone who is not a bird

control professional. There are many variables to examine when choosing the right product, or products. Often times more than one type of bird control product will be necessary to install on a building to get rid of the birds. Depending on what the birds are doing and where they are doing it at; you might need to install bird spikes on one area of the building and bird netting in another. This is

called Integrated Bird Control; best left to the professional installer.

Ideally it is best to install some sort of bird control protection before birds are nesting. Nesting birds

If you need an installer to get rid of the birds on your building contact the experts in bird control Bird•B•Gone, Inc. at

1-800-392-6915

are the most difficult to get rid of. Most birds are territorial, they will live and nest in the same area they where born in; thus they will try very hard to defeat the bird control measures you

put in place. In these cases it may be necessary to trap and remove the birds, which is best done by a professional.

The most important thing to consider is to do the job right the first time, this will save a lot of man hours and money.

### **Bird Spikes**



Bird spikes keep pest birds like pigeons and gulls from landing and roosting on flat surfaces. Once installed bird spikes are virtually invisible and easy to maintain.

### **Bird Netting**



Bird netting excludes birds from areas that they are nesting and roosting in like warehouses, overhangs, rooftops and other areas.
Once installed bird netting is virtually invisible.

### **Electric Tracks**



When pest birds land on electric bird track they receive a small "jolt" that changes their behavior, thus keeping them from landing on the surface protected. Electric track systems are the lowest profile bird deterrents.

### **Bird Wire**



Bird wire is ideal to keep large birds like pigeons and gulls from landing and roosting on flat surfaces. Bird wire systems are low profile and easy to maintain once installed.

# BIRD CONTROL PROFESSIONALS

WILL INSTALL PROFESSIONAL GRADE BIRD CONTROL PRODUCTS



Some bird control products are easy to install and maintain, but is it the right product for the job? It is recommended that the Maintenance Manager of any building to call on a Professional Bird Control Installer to get the job done correctly.

bird droppings and debris are cleaned up. It may also be prudent to deodorize and disinfect the area before installing bird control products. For areas with heavy bird pressure (lots of birds), trapping and removal may be necessary.

Once the job is

understand what

type of ongoing

maintenance or

follow-up is

complete, be sure to

Your bird control professional will know which option (or combination of options) is best for Bird•B•Gone Authorized Installers are trained and certified in the installation and treatment of most types of pest bird problems

your building. They will be able to provide you with the best options for your specific bird control problems.

expected by your maintenance department or the bird control professional. It may be site to be sure all systems are still properly in place, especially in high traffic areas. They that the birds did not find another place to

When working with a bird control professional, be sure that they do a thorough site evaluation with you. Be sure that you show them all of the places that birds are a problem or may become a problem. Once you eliminate an area of birds, they may move on to another area of your building. Make sure that all of the

necessary for the professional to return to the will also want to inspect the building to be sure land, roost or nest.

TO FIND A PROFESSIONAL BIRD CONTROL INSTALLER IN YOUR AREA CONTACT BIRD-B-GONE AT

1-800-392-6915





### **FOR MORE INFORMATION CALL US:**

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