



GREEN  
ORCHARD  
GROUP



# COVID-19 DISINFECTION SERVICES

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## Proper Disinfection during a Pandemic

As businesses and communities continue to reopen this fall, it's important to be wary of the potential risks of COVID-19 infection and transmission.

In the tri-state area, the coronavirus pandemic has brought an unprecedented wave of changes ranging from state-to-state travel limitations to shutdowns of local businesses. Most prevalent is the adoption of safety measures such as social distancing and face masks to mitigate the risk of contracting and spreading the virus.

With public health experts predicting a second wave of coronavirus cases this fall, it's more important than ever to employ proper disinfection protocols to ensure a safe, healthy home and workplace environment.



# How Coronavirus (COVID-19) Spreads

## Person-To-Person Transmission

According to the Center for Disease Control (CDC), coronavirus is primarily transmitted from person to person through respiratory droplets emitted when coughing, sneezing, and even talking.

Once infected, some people develop mild to severe symptoms of COVID-19 after 2 to 14 days, while others never show any symptoms at all. Both symptomatic and asymptomatic people can unknowingly transmit the virus to others.



## Surface Transmission

Another way that people can become infected is through contact with contaminated surfaces (also known as fomites). Studies have shown that coronavirus can survive on a variety of surfaces for several days, including metal, wood, plastics, ceramics, paper, and glass.

Staff, customers, and tenants who touch their eyes, nose, or mouth after contact with a contaminated surface are at risk for infection. This is particularly risky in common areas with surfaces handled by many people, such as tables, chairs, doorknobs, elevator buttons, toilet handles, and more.

## Airborne Transmission

In July, the World Health Organization (WHO) identified airborne transmission as another way that coronavirus can spread.

Microscopic droplets called aerosols are generated from the evaporation of respiratory droplets, which can be infectious when inhaled. These aerosols can linger in the air for hours and days, especially in buildings where ventilation systems recirculate stale indoor air.



# About Green Orchard Group

## Leaders in Environmental Health & Safety

Green Orchard Group is an experienced and trusted environmental health & safety services company in New York, specializing in COVID-19 disinfection, mold inspection and removal, lead testing and removal, indoor air quality testing, and more.

We serve commercial and residential properties of all sizes in the Greater New York City area, including Manhattan, Brooklyn, Queens, the Bronx, Staten Island, Long Island, Westchester, New Jersey, Connecticut, and beyond.



Our licensed professionals undergo training and certification from the American Industrial Hygiene Association (AIHA), the Institute of Inspection, Cleaning and Restoration Certification (IICRC), the Environmental Protection Agency (EPA), the New York Department of Labor, and the Occupational Safety and Health Administration (OSHA).



# Our COVID-19 Disinfection Services

## Professional Disinfecting Programs

Green Orchard Group is here to help you plan and implement effective coronavirus remediation programs for offices, businesses, schools, homes, residential buildings, and more. Our disinfection services are tailored to the needs of each client, and adhere to all relevant OSHA and IICRC regulations and certifications.

We offer three types of disinfection programs:

### Pre-Opening COVID-19 Disinfecting Program

- A thorough, one-time treatment that helps prepare your home, workplace, or business for a safe reopening in compliance with the CDC and New York State guidelines.
- Ideal for any residential or commercial property with medium-to-high foot traffic planning to reopen within the next few months.
- Green Orchard Group provides complementary post-disinfection training for cleaning and janitorial staff, to help them implement safe and proper cleaning protocols.
- Following the completion of service, we provide post-disinfection window stickers to let your employees, customers, and/or tenants know that your space has been professionally disinfected and is safe for entry.

### Emergency Response Program

- Recommended if you have a plausible or confirmed case of COVID-19 at your property or facility and require an immediate response (within 24 hours).
- Our HAZWOPER-certified professionals are available 24/7 to decontaminate your areas of concern and minimize further risk of exposure.

### Maintenance Disinfecting Program

- Regularly-scheduled treatments for high traffic spaces on a weekly, bi-weekly, or monthly basis at affordable rates.
- We can coordinate with your existing cleaning service or routine from Mondays to Fridays in order to minimize disruption.
- Ideal for offices, schools, stores, and other commercial facilities with medium-to-high occupancy.



## Our Process: How It Works

At Green Orchard Group, our leading-edge technologies and methods ensure that your space is thoroughly disinfected. We use plant-based disinfectant solutions that are EPA-registered, CDC-recommended, and proven effective at eliminating SARS-CoV-2.

Our process starts with disinfectant fogging, which applies a plant-based virucide across large areas in a safe, efficient, and thorough manner. Our atomized foggers generate a mist of ultra-fine, electrically-charged disinfecting droplets that are attracted to all surfaces, including hard-to-reach places, eliminating SARS-CoV-2 and providing 360 degrees of protection.

At the same time, we use industrial air scrubbers with high-efficiency particulate air (HEPA) filters to remove contaminants from the air. This allows for the safe and immediate re-entry of occupants once disinfection is complete. Together, fogging and air exchanging are commonly used by major airlines like Delta and Singapore Airlines to quickly and effectively disinfect airplane cabins in between flights.

After fogging, we carefully wipe down all high-touch surfaces with a residual disinfectant solution to reduce the risk of recontamination and provide lasting protection against certain pathogens for up to 6 months.





## Testimonials

"Green Orchard has proven to be absolutely amazing and extremely valuable! Each and every time we requested a proposal for their decon services, it was received all-inclusive within one hour. Each time they were employed to do the fumigation/sanitizing process, the crew arrived on time as planned. Per the professional guidance of Green Orchard, the buildings' residents were notified in advance by management to gain their full cooperation while the process was happening."

Alex K. Kuffel  
Pride Property Management Corp.

"St. Margaret's House is a housing project serving older adults and disabled people. We recently asked the Green Orchard Group to disinfect all of our common areas (a total of 30,000 square feet) as part of our strategy to mitigate the spread of COVID19. The crew planned and performed this service in a very timely manner with absolute professionalism and discretion. We would not hesitate to call upon them again."

Claire Guerette, Executive Director  
St. Margaret's House

"Green Orchard promptly responded to our call to do a prophylactic sanitization of several of our branches, offices and the common areas of an apartment complex. Their workers came to the locations in full PPE and were efficient and professional in the completion of their work. The interaction with the onsite workers and occupants was seamless. Not only is their knowledge regarding the chemicals and process reliable, but their pricing is very fair."

Mott & Prince Management, Inc.

## Get Your Free Quote

Ready to stop the spread of COVID-19 and help your staff and customers return to a safer, healthier space? Contact us today to get a free consultation and quote.

### Option 1: Fill out a short contact form

- Go to this link:  
[www.greenorchardgroup.com/free-disinfection-quote](http://www.greenorchardgroup.com/free-disinfection-quote) or **CLICK HERE**
- Take 1-2 minutes to fill out our short contact form with your name, contact information, location, and type of space. You can also include additional details or questions that you'd like us to answer.
- One of our project managers will reach out to you within 1 business day with a free, customized quote.



### Option 2: Visit our website

- Visit [www.greenorchardgroup.com](http://www.greenorchardgroup.com)
- Click on the **"Free Quote"** button and fill out a short contact form.

### Option 3: Call or email us

- **Phone number:** (212) 219-8261
- **Email:** [info@greenorchardgroup.com](mailto:info@greenorchardgroup.com)



## Resource: Back-To-Work Safety Checklist

### 1. Organize a List of Low, Medium, and High-Risk Areas

- Determine the types of surfaces, touchpoints, and materials in your facility. Examples include hard surfaces such as metal, glass, and rigid plastics, as well as porous surfaces such as wood, laminate, and granite.
- Identify high-touch areas. These are places that people come into contact with frequently and pose a higher risk, and will need more frequent routine cleaning.

### 2. Prepare Proper Materials and Equipment

- Consult the EPA's list of approved disinfectants (List N) to select an appropriate commercial disinfectant that is effective against SARS-CoV-2 (coronavirus).
- Wear proper personal protective equipment (masks and gloves).
- Open doors and windows to ensure good ventilation when handling disinfectant solutions.

### 3. Thoroughly Sanitize and Disinfect

- If someone has gotten sick, close off any areas used by that person and wait 24 hours before starting to clean or disinfect.
- Vacuum the space if needed. If available, use a vacuum equipped with a high-efficiency particulate air (HEPA) filter.
- For soft surfaces such as carpeted floor, rugs, and drapes, clean using soap and water and sanitize with an EPA-registered disinfectant.
- For electronics such as computers, tablets, touch screens, keyboards, and remote controls, consider putting on wipeable covers and clean with alcohol-based wipes or sprays containing at least 70% alcohol.

- Manually wipe down all common areas and frequently-touched surfaces with an EPA-registered disinfectant.

### 4. Implement and Enforce Safety Practices

- Double check that all areas have been cleaned and disinfected, and place disinfectant wipes in easily-accessible locations.
- Implement practices to reduce contact with high-touch areas, for example, by blocking off common areas and using plastic coverings on furniture and electronics.
- Encourage social distancing by placing visual markers in a 6-foot radius around desks, workstations, and waiting areas.
- Ensure that PPE such as masks and gloves are readily available for employees and customers.
- Establish a regular, frequent cleaning and disinfection schedule, particularly for high-touch areas.

### 5. Ensure Proper Ventilation and Air Filtration (Per CDC and ASHRAE Guidelines)

- Open windows whenever possible to increase outdoor air dilution of indoor air.
- Ensure that ventilation systems operate properly and increase the circulation of outdoor air, potentially as high as 100%.
- Increase central air filtration as much as possible, using high-efficiency particulate air (HEPA) filters to maintain a building HVAC system filtration rating of MERV-13 or greater.
- Run HVAC systems at maximum outside airflow for 2 hours before and after occupied times, in accordance with industry standards.
- Consider using portable HEPA fan/filtration systems to help enhance aircleaning.

## Useful Links: Coronavirus Information & Resources

### Coronavirus Information and Guidances

#### **Center for Disease Control (CDC) COVID Tracker**

<https://covid.cdc.gov/covid-data-tracker>

#### **Center for Disease Control (CDC) Coronavirus Guidance**

<https://www.cdc.gov/coronavirus/2019-nCoV/index.html>

#### **Food and Drug Administration (FDA) Coronavirus Guidance**

<https://www.fda.gov/emergency-preparedness-and-response/counterterrorism-and-emerging-threats/coronavirus-disease-2019-covid-19>

#### **World Health Organization (WHO) Coronavirus Guidance**

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019>

#### **Harvard Coronavirus Resource Center**

<https://www.health.harvard.edu/diseases-and-conditions/coronavirus-resource-center> and sanitize with an EPA-registered disinfectant.

### Information for New York

#### **New York Forward: Reopening Safety Plan Template**

[https://www.governor.ny.gov/sites/governor.ny.gov/files/atoms/files/NYS\\_BusinessReopeningSafetyPlanTemplate.pdf](https://www.governor.ny.gov/sites/governor.ny.gov/files/atoms/files/NYS_BusinessReopeningSafetyPlanTemplate.pdf)

#### **New York Forward: Industry Guidance and Reopening**

<https://forward.ny.gov>

#### **Empire State Development: Reopening Resources for Businesses**

<https://esd.ny.gov/nyforward>

#### **New York State Department of Health COVID-19 Tracker**

<https://covid19tracker.health.ny.gov/views/-NYS-COVID19-Tracker/NYSDOHCOVID-19Tracker-Map>



### Information for New Jersey

#### **New Jersey COVID-19 Information Hub**

<https://covid19.nj.gov/>

#### **New Jersey Operational Reopening Resources for Businesses**

<https://business.nj.gov/pages/operational-reopening-resources>

#### **NJ Coronavirus Updates**

<https://www.nj.com/coronavirus/>

#### **NJ Coronavirus Tracker**

<https://projects.nj.com/coronavirus-tracker/>

### Information for Connecticut

#### **Connecticut COVID-19 Response Information**

<https://portal.ct.gov/Coronavirus>

#### **CT Sector Rules and Certification for Reopening**

<https://portal.ct.gov/DECD/Content/Coronavirus-Business-Recovery/Sector-Rules-and-Certification-for-Reopen>

#### **Connecticut COVID-19 Data Tracker**

<https://portal.ct.gov/Coronavirus/-COVID-19-Data-Tracker>

Establish a regular, frequent cleaning and disinfection schedule, particularly for high-touch areas.