

COVID-19 and Emerging Devices

New emerging devices are not recommended

Pesticide Devices - use physical means to destroy, trap, or mitigate pests (including bacteria and viruses).

| Pesticide Devices | | |
|-------------------|-------------------|-----------------|
| UV Devices | Plasma Generators | Gamma Radiation |
| Ozone Devices | Radio Frequency | Etc. |

Concerns

- Little research on effectiveness, bi-products, and long-term effects.
- Overuse / misuse of products can lead to dangerous indoor air quality conditions and are known asthma triggers, especially for children.
- Some are on the market illegally, make misleading claims, have not been thoroughly reviewed, and/or are arriving from unknown sources.
- Devices are expensive and have a lot of procedures to follow in order to be safe and effective.
- Cannot be used in place of routine sanitation/disinfection.
- Unnecessary when other approved products are available.

Pesticide Product Applicators - use chemical means to destroy, repel, prevent, or mitigate pests (including bacteria and viruses).

| Pesticide Product Applicators | | |
|-------------------------------|---------|---------|
| Electrostatic Sprayers | Foggers | Misters |

The chemical products used within these applicators must:

1. Say in the directions that the intended chemical product is allowed to be used in that applicator.
2. Be applied at concentrations, frequencies, and other specificities outlined in the manufacture's labeled instructions.
3. Products are not allowed to make claims of being effective against COVID-19 (illness), but can make claims of being effective against SARS-CoV-2 (virus). Effective products are listed on [EPA's List N](#).

Please contact EHchildcare@tchd.org if you have any questions.

Misuse of chemicals can cause a variety of health and safety concerns and is a violation of Federal Law.

