



How bad are leaf blowers?

A 2011 study showed that a leaf blower emits nearly 300 times the amount of air pollutants as a pick up truck. In addition to air pollution, ozone is created when heat and sunlight react with the nitrogen oxides and Volatile Organic Compounds (VOCs) that are emitted from combustion engines, including lawn equipment.

How toxic our leaf blowers?

Gas leaf blowers create high levels of formaldehyde, benzyne, fine particulate matter and smog forming chemicals which are known to cause dizziness, headaches, asthma attacks, heart and lung disease, cancer and dementia. Leaf blowers push 300 to 700 cubic feet of air per minute at 150 to 280 mph. The resulting dust can contain PM2.5 and PM10 particles including pollen and mold, animal feces, heavy metals, and chemicals from herbicides and pesticides.

Why are leaf blower so bad?

It comes down to the inefficient engines they use. The inefficient gas engines typically used on leaf blowers generate large amounts of air pollution and particulate matter. The noise they generate can lead to serious hearing problems, including permanent hearing loss, according to the CDC.

Is leaf dust harmful?

Using leaf blower stirs up ash and dust. Ash and dust are larger particles, but over time, they break down into smaller, more harmful particles that can lodge deep into the lungs and cause serious health effects; using leaf blowers contributes to the larger particles becoming smaller, hazardous particles.

Are leaf blowers bad for soil?

It's a shame because fallen leaves have so many benefits if they are left in place. Although rakes can do their own damage, leaf blowers are particularly harmful – denuding and compacting the soil, resulting in unhealthy soil susceptible to erosion.

How much do two-stroke engines pollute?

A single two-stroke engine produces pollution equivalent to that of 30 to 50 4-stroke automobiles. With roughly 100 million motorcycles in Asia - roughly half of them using two-stroke engines - that translates into as much as 2.5 billion cars worth of smog.

Can blowing leaves make you sick?

This means if you're anywhere near a leaf blower you are breathing in pesticides, herbicides, fungi, molds, bacterial spores, insect parts and animal fecal matter. These can cause irritation, allergies, asthma and other diseases.