



Idaho Department of Environmental Quality Pollution Prevention Champion

Fresh Air Lawn Care
Boise, Idaho
2013

Environmental Commitment

Fresh Air Lawn Care was founded on the idea that landscaping need not carry the environmental footprint associated with using traditional gasoline-powered lawnmowers and energy-intensive fertilizers. By using battery-powered electric lawnmowers and organic fertilizer, the company has significantly reduced the amount of pollution that would be associated with more traditional lawn care practices.

Pollution Prevention Success

Fresh Air Lawn Care's success with pollution prevention has come primarily through reducing airborne emissions associated with fossil fuel consumption, both through decreased gasoline use for lawn maintenance activities and a reduction in fossil fuels associated with chemical fertilizer production.

Improving Air Quality

One of the most obvious and unique features of Fresh Air Lawn Care is its use of electric lawnmowers. By using an electric lawnmower instead of a gasoline-powered one, Fresh Air Lawn Care has effectively eliminated all of the hazardous pollutants that are associated with burning fossil fuels for landscaping. Among those pollutants are ozone—a powerful respiratory irritant—sulfur dioxide, and carbon dioxide. In addition, traditional gasoline-powered lawnmowers lack the pollution control devices normally found on motor vehicles. As such, gas-powered mowers can emit up to four times as many hazardous pollutants as motor vehicles for each gallon of gasoline used. Therefore, choosing an electric lawnmower has allowed Fresh Air Lawn Care to multiply its positive impact to the Treasure Valley's airshed even further.

Overall, Fresh Air Lawn Care estimates that its practices reduce the amount of pollution generated by up to 55 metric tons of carbon dioxide per year, along with significant reductions in other hazardous air pollutants.¹ This reduction equals the amount of pollution produced by 9,920 equivalent car hours based on the yearly run time.

Protecting Surface Water Quality

By using only organic (rather than inorganic) fertilizers, Fresh Air Lawn Care works to optimize fertilizer application and reduce the impact of nutrient runoff to rivers and streams that can degrade water quality.

For More Information

To learn more about Fresh Air Lawn Care's pollution prevention efforts, visit the company's website at <http://freshlawn.net/>.

Information on this fact sheet represents an example of pollution prevention projects undertaken by Idaho organizations and does not constitute Departmental certification or approval of compliance at this or any other time with federal, state and/or local regulations.

¹ <http://www.epa.gov/cleanenergy/energy-resources/calculator.html>