



The Presidential Green Chemistry Challenge Award

Sponsored by the United States
Environmental Protection Agency (EPA)

The Presidential Green Chemistry Challenge recognizes accomplishments and promotes the research, development, and implementation of innovative green chemical technologies that have been or are utilized by industry in achieving pollution prevention goals.

Green Chemistry is defined as the use of chemistry for pollution prevention and encompasses all aspects and types of chemical processes that reduce negative impacts to human health and the environment. By reducing or eliminating the use or generation of hazardous substances associated with a particular process, chemists can greatly reduce risk to human health and the environment. Promoting this new approach to pollution prevention through the environmentally conscious design of chemical products and processes is the focus of the EPA's Green Chemistry Program.

The annual Presidential Green Chemistry Challenge Awards Program recognizes outstanding chemical technologies that incorporate the principles of green chemistry into chemical design, manufacture, and use. The Awards Program is open to all individuals, groups, and organizations, both non-profit and for profit, including academia, government, and industry. Award recipients receive national recognition for their outstanding accomplishments in the research, development, or implementation of green chemistry techniques. The products selected for this award illustrate a commitment to designing, developing, and implementing green chemistry methods that are technologically and economically sound and less hazardous to human health and the environment.

EDEN Bioscience Corporation is a plant technology company focused on developing, manufacturing, and marketing innovative natural products for agriculture. Messenger®, based on naturally occurring proteins called "harpins", activates natural plant defense systems to protect against disease and pests, and simultaneously activates plant growth systems, improving crop yield and quality. Messenger exhibits a high degree of environmental safety, and once applied, degrades rapidly, leaving no detectable residue.

EDEN Bioscience is the 2001 recipient of the Green Chemistry Challenge Award for small business, with its entry – *Messenger: A Green Chemistry Revolution in Plant Production and Food Safety*.