



Photo Courtesy of Pamela Marrone

Pamela Marrone

Biological Pest Control

U.S. PATENT NO. 6,060,051: Strain of bacillus for controlling plant diseases and corn rootworm

U.S. PATENT NO. 11,382,331: Isolated bacterial strain of the genus Burkholderia and pesticidal metabolites therefrom

Inducted in 2025 Born: Oct. 14, 1956

Primary Connections:

- Invasive Species Corporation: Co-founder and Executive Chair, 2022-present
- Marrone Bio Innovations (now ProFarm Group Inc.): Founder and CEO, 2006-20
- AgraQuest Inc.: Founder/CEO and President, 1995-2006
- Entotech Inc.: Founder and President, 1990-95
- Monsanto Agricultural Co.: Group Leader/Senior Group Leader of the Insect Biology Group, 1983-90

Education:

- Cornell University: B.S., Entomology, 1978
- North Carolina State University: Ph.D., Entomology, 1983; Distinguished Alumni Award, 2021

Key Memberships/Awards:

- National Academy of Engineering, 2024
- BIO's Rosalind Franklin Award, 2023
- American Chemical Society: Kathryn C. Hach Award for Entrepreneurial Success, 2022; Award for Innovation in Chemistry of Agriculture, 2019;
- Ecological Farming Association: Sustie (Steward of Sustainable Agriculture) Award, 2019
- EPA's Green Chemistry Award (for Serenade®), 2003

Entrepreneur and entomologist Pamela Marrone has developed and brought to market effective, environmentally responsible, nature-based products for pest management and plant health. An industry leader, she enthusiastically champions the use of biological pesticides and educates the public about their benefits.



Full Bio: <https://www.invent.org/inductees/pamela-marrone>

Things You Should Know:

- Marrone was born in 1956 in Middletown, Connecticut.
- As she grew up exploring the acres of woods surrounding her childhood home, she developed a love of nature.
- Marrone also found her future career path as she saw spongy moth caterpillar infestations destroy trees. "I wanted to be an entomologist since I was about 8 years old."
- She has founded or co-founded companies such as Invasive Species Corporation; Marrone Bio Innovations; AgraQuest Inc.; and Entotech Inc.
- In 2021, Marrone received a Distinguished Alumni Award from North Carolina State University.
- Throughout her career, Marrone has prioritized volunteerism.
- Reflecting on her career, she says her passion is "finding science-based products that work and that offer farmers and other customers a value proposition compared to chemical pesticides."
- Marrone has 82 U.S. patents.