



CAES

The Connecticut Agricultural Experiment Station

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CAES SEMINAR SERIES

In person and on Microsoft Teams (rescheduled from Zoom)

https://teams.microsoft.com/l/meetup-join/19%3ameeting_OGUzMmU0NmQtNmE3MS00NjI5LTk5MGYtZDk0YzNhZmEyY2M0%40thread.v2/0?context=%7b%22Tid%22%3a%22118b7cfa-a3dd-48b9-b026-31ff69bb738b%22%2c%22Oid%22%3a%223dc60917-df4e-4f87-aed7-4300fc2b5722%22%7d

Phone Conference ID: 467 741 726#

“Probing Metabolite Requirements for *Erwinia amylovora* Disease Establishment”

Dr. Neil Schultes

Associate Scientist

Plant Pathology and Ecology, CAES

Wednesday, January 12, 2022

12:00 noon to 1:00 p.m.

Food and coffee will be available at 11:45 a.m.

Jones Auditorium

The Connecticut Agricultural Experiment Station

123 Huntington Street, New Haven, CT

Fire blight is a devastating disease of apples and pears caused by the gram-negative bacterium *Erwinia amylovora*. Current disease management relies heavily on the use of antibiotics during flowering. Emergence of antibiotic-resistant strains, the general movement away from the use of antibiotics in agriculture, and the ban of antibiotic use for fire blight management in Europe or in organic production in the United States has prompted research into new management techniques as well as further understanding of the basic physiology of the plant-pathogen interaction. Our research probes the metabolic requirements of *E. amylovora* during the disease process as part of an effort to develop alternative control strategies.