

Alyssa M. Koehler

Assistant Professor and Extension Specialist, Plant Pathology
Department of Plant and Soil Sciences
University of Delaware
Carvel Research and Education Center
16483 Count Seat Hwy Georgetown, DE 19947
akoehler@udel.edu | (302) 242-9056

Education

Ph.D., Plant Pathology, North Carolina State University, 2018

Dissertation Title: “Etiology and Management of Stevia Disease”

M.S., Plant Pathology, North Carolina State University, 2015

Thesis title: “Etiology and Management of Stem Rot Diseases of Stevia and Brown Patch of Tall Fescue”

B.S., Plant Biology, North Carolina State University, 2012

Research and Professional Experience

Assistant Professor and Extension Specialist, University of Delaware 2018 – current

Research Specialist, NCSU Plant Pathology/ USDA-APHIS-PPQ-CPHST-PEARL, September 2011 – May 2012

Global Plant Health Intern, Universidad De Costa Rica, summer 2011

Awards and Honors

Recognition for Excellence in Laboratory Teaching, 2017

APS I.E. Melhus Graduate Student Symposium Invited Speaker, 2017

Storkan-Hanes-McCaslin Research Foundation Recipient, 2016

Professional Certifications

Pesticide Applicator License. North Carolina Department of Agriculture, Number 031-8894. Received 2013.

Certificate of Accomplishment in Teaching. North Carolina State University, 2012-14.

USDA APHIS PPQ Risk Analysis 101 Training, Raleigh, NC. Received 2011.

Scholarship

Journal Articles

See [Google Scholar](#)

Recent Extension Publications

Koehler A.M. and Shew H.D. 2018. Evaluation of Serenade Opti and Kocide 3000 for control of Septoria leaf spot on stevia in North Carolina, 2016. Plant Disease Management Reports. 12:V109. Online publication. doi: 10.1094/PDMR12.

Koehler A.M. and Shew H.D. 2017. Evaluation of Veramin Quality and Serenade Opti for stem rot control on stevia in North Carolina, 2014-16. Plant Disease Management Reports. 11:V007. Online publication. doi: 10.1094/PDMR11.

Koehler A.M. and Shew H.D. 2015. Evaluation of Abound, Convoy, and Folicur for stem rot control on stevia in North Carolina, 2014. Plant Disease Management Reports. 9:V102. Online publication. doi: 10.1094/PDMR09.

Online Fact Sheets

Koehler A.M. and Shew H.D. 2018. Charcoal Rot of Stevia. North Carolina State University, Raleigh, NC. <https://content.ces.ncsu.edu/charcoal-rot-of-stevia>.

Koehler A.M. and Shew H.D. 2018. Pythium Root Rot of Stevia. North Carolina State University, Raleigh, NC. <https://content.ces.ncsu.edu/pythium-root-rot-of-stevia>.

Koehler A.M. and Shew H.D. 2018. *Sclerotinia sclerotiorum* Stem Rot on Stevia. North Carolina State University, Raleigh, NC. <https://content.ces.ncsu.edu/sclerotinia-sclerotiorum-stem-rot-on-steiva>.

Koehler A.M. and Shew H.D. 2018. Septoria leaf spot of Stevia. North Carolina State University, Raleigh, NC. <https://content.ces.ncsu.edu/septoria-leaf-spot-of-stevia>.

Koehler A.M. and Shew H.D. 2018. Stem and Root Rot of Stevia caused by *A. rolfsii*. North Carolina State University, Raleigh, NC. <https://content.ces.ncsu.edu/stem-and-root-rot-of-stevia-by-a-rolfsii>.

Professional Affiliations

American Phytopathological Society (APS)

APS Potomac Division

Mycological Society of America