

## Susan B. Scheufele

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### **Production Agriculture Programs Leader, January 2022-present.**

**Team Leader** UMass Extension Vegetable Program, 2019-present.

**Extension Educator IV**, UMass Extension, 2015-present.

- Coordinate activities across UMass Extension Fruit and Vegetable Programs
- Provide leadership in the development of Extension policy, long-range plans and objectives, cross-disciplinary initiatives, technology, communications and marketing.
- Conduct strategic planning to better position and support the Production Ag Programs to assist stakeholders facing major challenges such as climate change, diversity, equity and inclusion, while maintaining environmental health and economic sustainability of farm businesses

### **Interim Team Leader, Extension Educator III, UMass Extension Vegetable Program, September 2019-present.**

- Oversee short- and long-term program planning, working with stakeholder groups and regional partners to conduct needs assessments, and continuously evaluating and improving program activities and deliverables.
- Expand reach and impacts of program activities by: working with historically underserved audiences including BIPOC, immigrants, and women; finding new ways to connect with diverse audiences in person and remotely; and forging new connections on campus, especially with faculty in the Stockbridge School of Agriculture.
- Work with financial staff to manage program funds and maintain a robust, diverse, and sustainable long-term budget.
- Supervise and support all team members including full-time staff and seasonal and/or student employees to do their best work, leading by example and creating a culture of mutual respect.
- Work with other Extension team leaders and Program Director to drive innovation, collaboration, coordination of activities, and streamlining of processes across commodity groups.

**Extension Educator III**, UMass Extension Vegetable Program, **May 2015-September 2019.**

## **EDUCATION**

**Master of Science, Plant Pathology**, Cornell University. May 2013

Thesis: *Alternaria Leaf Spot on Brassica Crops in New York State: Disease Incidence and Sustainable Management.*

**Bachelor of Arts, Forest Ecology and Geology**, Hampshire College. June 2006.

Thesis: *Tracing the Influence of Bedrock Chemistry on Plant Communities in Western Massachusetts.*

## **RECENT GRANTS AWARDED**

Subcontract, Co-Investigator. *Advancing Immigrants and Refugees Toward Farm Ownership and Building Learning Networks through Farmer to Farmer Mentorship across 25 Cultures.* USDA-Beginning Farmer and Rancher Development Grant Program. Award Period: September 2021 – August 2024. Award Amount: \$53,833. PI: Maria Moreira, World Farmers Inc.

Co-Investigator. Integrating development, implementation, and awareness of effective strategies and technologies to promote Specialty Crop IPM in Massachusetts. USDA Crop Protection and Plant Management Extension Implementation Program. Award Period: September 1, 2021-August 31, 2024. Award Amount: \$898,580. PI: Hilary Sandler, UMass.

Subcontract, Co-Investigator. *Nuestras Raíces Agri-Culture Enterprises.* USDA-Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers and Veteran Farmers and Ranchers Program. Award Period: October 1, 2020-October 31, 2023. Award Amount: \$400,000 total; \$51,953.42 to UMass Extension Vegetable Program. PI: Hilda Roque, Nuestras Raices, Inc.

Technical Advisor. *Using shade cloth to prevent heat damage in summer broccoli.* NE-SARE Farmer Project FNE 21-996. Award Period: April 2021-September 2022. Award Amount: \$10,320; \$2,880 to UMass Extension Vegetable Program.

Principal Investigator. *Improving Production and Yield of Winter Greens in the Northeast.* NE-SARE Research and Education Grant Program. Award Period: March 2020-Dec 2022. Award Amount: \$84,974.

## SELECTED PRESENTATIONS & WEBINARS

Scheufele, S.B. 2023. Updates on Brassica Pest Management. New England Vegetable and Berry Growers Association 604<sup>th</sup> Meeting, Northampton, MA. January 6, 2023. 80 attendees.

Scheufele, S.B. 2022. Disease-Resistant Cucumber Varieties for Fall Planting. New England Vegetable and Fruit Conference. Manchester, NH. December 14<sup>th</sup>, 2023. 250 attendees.

Scheufele, S.B. 2022. Winter Greens Production and Pest Management. Mid-Atlantic Fruit and Vegetable Convention. PAVGA. Hershey, PA. February 3, 2022. 50 attendees.

Scheufele, S.B. 2022. UMass Extension Vegetable Research Update. New England Vegetable and Berry Growers Association 602<sup>nd</sup> Meeting. Online. January 7, 2022. 75 attendees.

Scheufele, S.B. 2021. Black Rot Management and Insect Pests of Brassicas. Vegetable Beet Podcast, UMN Extension. Online: <http://www.giveg.net/listen>. September 1, 2021

Scheufele, S.B. 2021. Scouting for Vegetable Pests. Eastern MA CRAFT Twilight Meeting. Small Farm, Stow, MA. July 28, 2021. 55 attendees.

Scheufele, S.B. 2021. Flea Beetle Tips and Tricks. Practical Recommendations for Improving Brassica Insect Pest Control from the Brassica Pest Collaborative. April 14, 2021. 80 attendees live and >39 subsequent views. <https://www.youtube.com/watch?v=FMPBnN3EONA>

Scheufele, S.B. 2020. Diseases of Bean and Spinach Seed. NOFA-NY Winter Conference & Northeast Organic Seed Conference. Online. January 19, 2021. ~85 attendees.

## SELECTED PUBLICATIONS

### Academic Papers

Harris-Cypher, A. and Caterina Roman, Genevieve Higgins, Susan Scheufele, Ana Legrand, Anna Wallingford, Rebecca Grube Sideman. (2023). A Field Survey of Syrphid Species and Adult Densities on Annual Flowering Plants in the Northeastern United States. Environmental Entomology, 2023. <https://doi.org/10.1093/ee/nvad016>

### Trade Journals

N. Hoidal, S. Scheufele, B. Dutta, T. Björkman. Learning to grow broccoli with new challenges. GLVPN Veg Connections. Vegetable Growers News. Volume 55, Issue 11. November 2021.

### Plant Disease Management Reports

Scheufele, S.B., and G. Higgins., 2020. Evaluation of resistant cultivars for management of downy and powdery mildews in fall cucumbers, 2020. Plant Disease Management Reports. Volume 15:065. <https://www.plantmanagementnetwork.org/pub/trial/pdmr/volume15/abstracts/v065.asp>

Scheufele, S.B., and G. Higgins., 2018. Evaluation of fungicides to reduce chlorothalonil use for powdery mildew on squash, 2018. Plant Disease Management Reports. Volume 13:081. <https://www.plantmanagementnetwork.org/pub/trial/pdmr/reports/2019/V078.pdf>

### Arthropod Management Tests

Scheufele, S.B., and G. Higgins., M. Meder. 2020. Evaluation of mulches to reduce feeding damage by flea beetles in fall broccoli, 2018. Arthropod Management Tests. (In Preparation).

Scheufele, S.B. and G. Higgins, 2017. Evaluation of an OMRI-approved spinosad insecticide for control of cabbage root maggot in direct-seeded root crops, 2016. Arthropod Management Tests. Volume 42(1). <https://doi.org/10.1093/amt/tsx037>

### Extension Factsheets & Newsletter Articles

Scheufele, S.B. 2020. Managing Fall Diseases of Brassicas. Vegetable Notes V:32, 21. August 13, 2020. [https://ag.umass.edu/sites/ag.umass.edu/files/newsletters/august\\_13\\_2020\\_vegetable\\_notes.pdf](https://ag.umass.edu/sites/ag.umass.edu/files/newsletters/august_13_2020_vegetable_notes.pdf)

Scheufele, S.B. 2019. Managing Phytophthora Blight. Vegetable Notes V:31, 15. July 25, 2019. [https://ag.umass.edu/sites/ag.umass.edu/files/newsletters/july\\_25\\_2019\\_vegetable\\_notes\\_0.pdf](https://ag.umass.edu/sites/ag.umass.edu/files/newsletters/july_25_2019_vegetable_notes_0.pdf)

Scheufele, S.B. 2019. Understanding Weed Life Cycles: The Key to Better Management. Vegetable Notes V:31, 14. July 18, 2019. [https://ag.umass.edu/sites/ag.umass.edu/files/newsletters/july\\_18\\_2019\\_vegetable\\_notes.pdf](https://ag.umass.edu/sites/ag.umass.edu/files/newsletters/july_18_2019_vegetable_notes.pdf)