



# PENNSYLVANIA VEGETABLE MARKETING & RESEARCH PROGRAM

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## *Pennsylvania Vegetable Funded Research Grant Proposals for 2021*

The Vegetable Marketing and Research Program Board and the Pennsylvania Vegetable Growers Association have approved funding for the following research proposals as listed below. The Vegetable Growers Association will be providing \$38,021 of the funding and the Vegetable Marketing and Research Program will provide \$20,000.

1. **No-till vs. Plasticulture Tomatoes: Examining Yield, Earliness, and Soil Health**  
*Elsa Sánchez, Sjoerd Duiker, Francesco Di Gioia, Pennsylvania State University*  
**\$10,000**
2. **Expanding suppressive microbial communities to manage bacterial spot of tomato**  
*Kevin L. Hockett, Pennsylvania State University*  
**\$8,596**
3. **Breeding fresh-market tomatoes for production in PA**  
*Majid R. Foolad, The Pennsylvania State University*  
**\$8,000**
4. **Breeding processing tomatoes for production in PA**  
*Majid R. Foolad, The Pennsylvania State University*  
**\$6,000**
5. **Exploring Anaerobic Soil Disinfestation as a Biological Method to Manage Root-Knot Nematodes and Enhance Soil Health in High Tunnel Vegetable Production Systems**  
*Francesco Di Gioia and Beth Gugino, The Pennsylvania State University*  
**\$10,000.**
6. **Herbicide Timing Effects on Snap Bean Development and Yield**  
*Lynn Sosnoskie, Cornell University, Mark VanGessel, University of Delaware and John Wallace and Dwight Lingenfelter, Penn State,*  
**\$2,474**
7. **Evaluating Burndown Options for No-till Snap Bean**  
*Mark VanGessel, University of Delaware; John Wallace and Dwight Lingenfelter, Penn State; and Lynn Sosnoskie, Cornell University*  
**\$2,500**
8. **Evaluation of atrazine alternatives for postemergence weed control in sweet corn**  
*John Wallace and Dwight Lingenfelter, Penn State; Lynn Sosnoskie, Cornell University and Mark VanGessel, University of Delaware*  
**\$2,451**
10. **Impact of Management Practices on Soil Health Indicators in Conventional and Organic Vegetable Cropping Systems (multiyear- Year 2)**  
*Dr. Gladis Zinati Director, Rodale Institute*  
**\$8,000.00**

**Total \$58,021**

The following proposal was NOT funded:

9. **Improving Sweet Corn Yield and Nutrient Content by Using Mycorrhizal Fungi in Conventional and Organic Vegetable Cropping Systems (two-year project)**  
*Dr. Gladis Zinati, Rodale Institute*  
**\$2,600.00**