

<b>Year of Award</b>	<b>Title of Research Project Award</b>	<b>Amount Awarded</b>	<b>Lead P.I.</b>
2020	Physiological Effects of Endophytic Rhizobacteria on Strawberry ( <i>Fragaria × ananassa</i> ) Tolerance to Heat and Drought Stress	\$1,200.00	William Errickson, and William Hlubik
2020	Garlic Variety Evaluations and Comparing Reflective Mulch and Bare Ground Production Systems for Allium Leaf Miner Control	\$2,200.00	Michelle Infante-Casella and William Bamka
2020	Herbicide-based management strategies for season-long control of common purslane in bell pepper	\$5,400.00	Thierry Besancon
2019	Weed Control and Crop Tolerance with Residual Herbicides for Sweet Basil	\$5,300.00	Thierry Besancon
2019	Evaluation of New Zucchini and Summer Squash Varieties to Update Vegetables Recommendations	\$3,500.00	Michelle Infante-Casella
2018	Evaluation of Weed Control and Crop Tolerance with	\$7,000.00	Dr. Thierry Besancon
2017 & 2016	Identifying and controlling important pathogens in pepper production in New Jersey	\$8,400.00	Andy Wyenandt, Ph.D Wes Kline, Ph.D
2014-2016	Managing cucurbit downy mildew with disease monitoring, cultivar resistance, and effective fungicide programs	\$15,000.00	Andy Wyenandt, Ph.D.
2013	How does pepper weevil arrive in NJ?	\$6,011.00	Joseph Mahar
2013	Fungicide resistance management guidelines for vegetable crops grown in NJ	\$2,000.00	Andy Wyenandt, Ph.D.
2012	Grafting to improve fresh market tomato production in high tunnels	\$5,000.00	Wesley Kline, Ph.D. Peter Nitzsche
2012	Red bell pepper variety evaluation for fall production	\$4,766.00	Andy Wyenandt, Ph.D. Wesley Kline, Ph.D.
2011	Investigating Efficacy of Kaolin-based material as a deterrent to feeding by Brown Marmorated stinkbug (BMSB) in bell pepper	\$4,750.00	Kristian Holmstrom
2011	Soil improvement using forage radish and summer cover crops	\$3,550.00	Michelle Infante-Casella Wesley Kline, Ph.D.
2010	High tunnel research of early maturing "Rediscovering the Jersey Tomato" signature crop varieties	\$5,513.00	Michelle Infante-Casella Peter Nitzsche
2010	Zucchini squash male flower as pollen source for high yielding early season varieties	\$1,700.00	Michelle Infante-Casella
2010	Personal size watermelon variety trial	\$1,500.00	Michelle Infante-Casella Peter Nitzsche
2009	Determination of E. coli contamination of surface irrigation water and leafy greens	\$3,196.00	Wesley Kline, Ph.D.
2009	Determining the cause of russetting of bell peppers	\$3,004.00	Andy Wyenandt, Ph.D. Wesley Kline, Ph.D.
2008	Identifying traditional tomato varieties acceptable for commercial production	\$5,300.00	Michelle Infante-Casella
2007	Identifying traditional tomato varieties acceptable for commercial production.	\$4,800.00	Michelle Infante-Casella
2006	Investigating usefulness of four o'clock ( <i>Mirabilis jalapa</i> ) as an indicator plant for the bacterial canker pathogen <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	\$2,481.00	Kristian Holmstrom
2006	Evaluation of zucchini and yellow squash varieties for disease tolerance and resistance	\$2,000.00	Michelle Infante-Casella
2006	Investigation of trap crop strategies for butternut squash in New Jersey	\$314.00	Michelle Infante-Casella
2005	Evaluation of fungicide maintenance programs for Downy mildew control in cucurbit crops	\$4,800.00	Andy Wyenandt, Ph.D.

2004	Summer squash cultivar evaluations	\$3,000.00	Dr. Melvin Henninger
2004	High tunnel production of specialty melons	\$1,300.00	Michelle Infante-Casella
2003	Interactive benchmark budgets to develop costs and returns in the New Jersey vegetable industry	\$2,500.00	Robin Brumfield, Ph.D.
2003	Evaluating white, silver, bare ground and black poly mulch for heat stress on eggplant and August pruning fall crop stimulation	\$1,350.00	Michelle Infante-Casella
2003	Market longevity for basil	\$1,250.00	Chaim Frenkel, Ph.D.
2002	Carrot weevil in carrots	\$2,200.00	Joseph Ingerson-Mahar
2002	Web-interface for computerized log for keeping irrigation records	\$1,600.00	Russell Blair
2002	Oriental beetle management in sweet potatoes	\$700.00	Joseph Ingerson-Mahar
2001	Silicon nutrition for disease control on pumpkin	\$1,800.00	Joseph Heckman, Ph.D.
2001	Evaluation of collards as a trap crop for managing diamondback moth larvae and other worms in commercial cabbage fields.	\$1,750.00	Wesley Kline, Ph.D.
2001	South Jersey beet and turnip variety trials/Starter fertilizer trial for lettuce using new products.	\$750.00	Michelle Infante-Casella
2001	Determining oriental beetle population levels in sweet potatoes using pheromone traps	\$700.00	Joe Ingerson-Mahar
2001	Starter fertilizer trial for lettuce using new products	\$500.00	Michelle Infante-Casella
2000	Eggplant cultivar evaluation to select varieties similar to Harris Hibush	\$1,600.00	Wesley Kline, Ph.D. Stephen Garrison, Ph.D.
2000	Evaluation of starter fertilizers for establishment and increased maturation of pepper, tomato, and eggplant	\$1,500.00	Michelle Infante Stephen Garrison, Ph.D.
2000	The effect of European corn borer damage on potato yields in grower fields	\$1,300.00	Mel Henninger, Ph.D. Gerald Ghidui, Ph.D. Joseph Mahar
2000	Wireworm damage to white potatoes in relation to tuber development	\$600.00	Gerald Ghidui, Ph.D.
1999	Evaluation of striped versus one-color plastic mulches for production of bell pepper.	\$3,700.00	Michelle L. Infante
1999	Taste test evaluation of commercial fresh market tomato cultivars recommended for NJ	\$2,000.00	Peter Nitzsche
1998	Assessing stinkbug population levels and damage potential on fresh market staked tomatoes	\$2,100.00	Kristian Holmstrom
1998	Taste test evaluations of commercial fresh market tomato cultivars recommended for New Jersey.	\$1,200.00	Peter Nitzsche
1997	Evaluation of possible suppression of disease in cucurbits with no-till production	\$1,600.00	Michelle Infante
1997	Feasibility of late supper asparagus harvesting to increase economic profitability.	\$1,600.00	Wesley Kline, Ph.D.
1995	Evaluation of bell pepper varieties for phytophthora tolerance and horticultural quality	\$1,750.00	Philip Neary
1995	Testing the efficacy of hairy vetch and cereal rye combinations as cover crops and mulches in pumpkin production	\$1,250.00	William T. Hlubik
1995	Testing for commercially acceptable resistance of transgenic eggplant to the colorado potato beetle (CPB).	\$800.00	Gojko Jelenkovic, Ph.D.

1994	Enhancement of flavor and cold tolerance in tomatoes with the use of ethanol.	\$3,000.00	Chaim Frenkel, Ph.D.
1994	Development of a biological control alternative to full rates of Telone C for control of Verticillium wilt in eggplant	\$2,000.00	James H. Lashomb, Ph.D.
1994	The use of the entomophagous nematode, Steinernema carpocapsad, for the control of cabbage root maggot on cruciferous crops.	\$1,200.00	Donald J. Prostak, Ph.D.
1994	Evaluation of transgenic summer squash hybrids for resistance to virus diseases.	\$1,000.00	Philip E. Neary
1993	Developing an economic threshold or european corn borer (ECB) on bell peppers	\$1,550.00	Donald J. Prostak, Ph.D.
1993	Reducing fruit cracking in tomatoes through irrigation management	\$1,200.00	Craig A. Storlie, Ph.D.
1993	Effects of cultural practices on stand establishment and disease of transplanted peppers	\$1,100.00	Stephen A. Garrison, Ph.D.
1993	Integrating parsley crop management-predicting carrot weevil activity and evaluation of alternative control measures.	\$1,000.00	Richard W. VanVranken
1993	Evaluating use of disease suppressive mixes for the production of vegetable transplants in the greenhouse	\$600.00	Richard W. VanVranken
1992	Cost and return analysis of staked tomato production.	\$3,400.00	Robin G. Brumfield, Ph.D.
1992	Wavelength selective plastic mulches for early muskmelon production	\$1,500.00	Philip E. Neary
1991	Pruning and in-row spacing requirements for stake tomatoes & Stake tomato workshop.	\$2,400.00	Philip E. Neary
1991	Soil moisture sensing devices for irrigation managment	\$2,400.00	Craig A. Storlie, Ph.D.
1991	Analysis of early season sweet corn syndrome.	\$400.00	Raymond J. Samulis
1990	Effect of pruning and in-row spacing on the production of stake tomatoes	\$2,000.00	Philip E. Neary
1989	Economic analysis of tomato greenhouse industry	\$1,350.00	Robin G. Brumfield, Ph.D.
1989	Effectiveness and crop safety of Pursuit 2SC (imazethapyr) for Broadleaf weed control in head and leaf type lettuces	\$1,350.00	Bradley A. Majek, Ph.D.
1989	Pepper transplants using gel enhanced sand media	\$1,350.00	Stephen Reiners, Ph.D.
1988	Monitoring temperatures in selected portions of eggplant production areas.	\$2,640.00	James H. Lashomb, Ph.D.
1988	Reduction of transplant shock in bareroot pepper seedlings	\$1,200.00	Gerald Berkowitz, Ph.D.
1987	Maximizing vegetable production and profitability by combining new cultural techniques and cropping sequences	\$1,500.00	James W. Paterson, Ph.D.
1987	Super transplants grown in floor heated greenhouse	\$1,300.00	Gene A. Giacomelli, Ph.D.
1987	Enhancement of pepper transplant survival and growth by the use of Antitranspirants	\$600.00	Gerald Berkowitz, Ph.D.
1987	Control of Black Cutworm in sweet potatoes using entomophagous nematodes	\$600.00	Richard W. VanVranken
1986	Investigation into a disease of squash caused by zucchini yellow mosiac virus	\$3,000.00	Robert F. Davis, Ph.D.
1985	Breeding of bell peppers resistant to Phytophthora blight	\$2,850.00	Stephen A. Johnston, Ph.D.
1985	Providing select timely USDA daily market news to county agents, growers and other marketeers via on-line computer	\$600.00	Frederick A. Perkins
		\$192,175.00	