

Form 1002: Active MRF Support Projects, Coordinating Committees/Education or Extension Research Activities and Development Committees

Project Number and Title	Dates	Stations
<p>NC7 Conservation, Management, Enhancement and Utilization of Plant Genetic Resources Admin Advisors: [Joe Colletti] NIFA Reps: [AnnMarie Thro]</p>	<p>Start: 10/01/2017 Revision/End: 09/30/2022</p>	<p>CA, HI, IA, IL, IN, KS, MI, MN, MO, ND, NE, NJ, NY, OH, OR, SD, TX, WI</p>
<p>NC100 Regional Research Coordination, North Central Region Admin Advisors: [Christina Hamilton] [Jeff Jacobsen] NIFA Reps: [Bart Hewitt]</p>	<p>Start: 07/01/2010 Revision/End: 09/30/2029</p>	<p>FL, IA, IL, IN, KS, MI, MN, ND, OH, SD, WI</p>
<p>NC140 Improving Economic and Environmental Sustainability in Tree-Fruit Production Through Changes in Rootstock Use Admin Advisors: [Ron Perry] [Richard P Marini] NIFA Reps: [Thomas A. Bewick]</p>	<p>Start: 10/01/2017 Revision/End: 09/30/2022</p>	<p>AL, BC, CA, CO, GA, IA, ID, IL, IN, KY, MA, ME, MI, MN, MO, NC, NJ, NM, NY, OH, OR, PA, SC, UT, VA, VT, WA</p>
<p>NC170 Personal Protective Technologies for Current and Emerging Occupational and Environmental Hazards Admin Advisors: [Elizabeth Bye] NIFA Reps: [Beverly Samuel]</p>	<p>Start: 10/01/2017 Revision/End: 09/30/2022</p>	<p>CA, CO, FL, HI, IA, KS, MD, MN, MO, NY, OK, OR, WA</p>
<p>NC229 Detection and Control of Porcine Reproductive and Respiratory Syndrome Virus and Emerging Viral Diseases of Swine Admin Advisors: [David A. Benfield] NIFA Reps: [Peter J Johnson] [Margo Holland]</p>	<p>Start: 10/01/2014 Revision/End: 09/30/2019</p>	<p>AZ, CT, FL, GA, IA, IL, IN, KS, MD, MN, ND, NE, OH, QC, RU, SD, Son, VA, WI, WY</p>
<p>NC246 Ecology and Management of Arthropods in Corn Admin Advisors: [F. William Ravlin] NIFA Reps: [Robert M. Nowierski]</p>	<p>Start: 10/01/2015 Revision/End: 09/30/2020</p>	<p>AZ, DE, FL, GA, IA, IL, IN, KS, KY, LA, MD, MI, MN, NC, ND, NE, NY, OH, PA, SC, SD, TN, VA, WI</p>
<p>NC1023 Engineering for food safety and quality Admin Advisors: [David S Jackson] NIFA Reps: [Hongda Chen]</p>	<p>Start: 10/01/2015 Revision/End: 09/30/2020</p>	<p>CA, DE, GA, HI, IA, ID, IL, IN, KY, MD, ME, MI, MN, MO, MS, NE, NJ, NM, NY, OH, OR, PA, SD, TN, TX, UT, VA, WA, WI, WV</p>
<p>NC1029 Applied Animal Behavior and Welfare Admin Advisors: [J. Ernest Minton] NIFA Reps: [Peter J Johnson] [Margo Holland]</p>	<p>Start: 10/01/2016 Revision/End: 09/30/2021</p>	<p>AL, CA, FL, IA, IL, IN, KS, KY, MD, MI, MN, MS, NJ, NM, NY, OH, OR, TN, TX, WA, WI</p>
<p>NC1030 Sustainable Families, Firms and Communities in Times of Change Admin Advisors: [Lionel J. Beaulieu] NIFA Reps: [R. Brent Elrod]</p>	<p>Start: 10/01/2016 Revision/End: 09/30/2021</p>	<p>HI, IA, IN, KS, MN, MO, MT, ND, UT, WI</p>

NC1034	Impact Analyses and Decision Strategies for Agricultural Research (NC1034) Admin Advisors: [Marshall Martin] NIFA Reps: [Robbin Shoemaker]	Start: 10/01/2016 Revision/End: 09/30/2021	AZ, CA, CO, GA, IA, IL, IN, KS, KY, MT, ND, NE, NJ, NY, PA, SD, TX, VA, WA, WI, WY
NC1100	Land Grant University Innovation Diffusion Enhancement Admin Advisors: [Patrick Cudney] NIFA Reps: [R. Brent Elrod]	Start: 10/01/2015 Revision/End: 09/30/2020	CA, KS, MI, SD
NC1170	Advanced Technologies for the Genetic Improvement of Poultry (was NC-168) Admin Advisors: [Susan J. Lamont] NIFA Reps: [Lakshmi Matukumalli]	Start: 10/01/2013 Revision/End: 09/30/2018	AR, AZ, CA, DE, FL, GA, IA, IN, MD, MI, MN, MS, NC, NY, OR, PA, TN, TX, VA, WI
NC1171	Interactions of individual, family, community, and policy contexts on the mental and physical health of diverse rural low-income families Admin Advisors: [Lynne Borden] NIFA Reps: [Alishia Shipley]	Start: 10/01/2014 Revision/End: 09/30/2019	AZ, CA, FL, HI, IA, IL, KS, KY, MA, MI, MN, MS, NC, NM, NY, OK, OR, PA, TN, VA, WA
NC1173	Sustainable Solutions to Problems Affecting Bee Health Admin Advisors: [Marc Linit] NIFA Reps: [Mary F Purcell]	Start: 10/01/2014 Revision/End: 09/30/2019	AL, AR, CT, FL, GA, IA, IL, IN, MA, ME, MI, MN, MT, NC, NE, NH, NJ, NY, OH, OR, PA, TN, TX, WA, WI
NC1177	Agricultural and Rural Finance Markets in Transition (NC1014, NC221, NCT-194) Admin Advisors: [Allen Featherstone] NIFA Reps: [Toija Riggins]	Start: 10/01/2014 Revision/End: 09/30/2019	AL, AR, FL, GA, IA, IL, IN, KS, KY, LA, MI, MN, MS, MT, NC, ND, NY, OH, RI, TN, TX
NC1178	Impacts of Crop Residue Removal for Biofuel on Soils Admin Advisors: [Gary Pierzynski] NIFA Reps: [Nancy Cavallaro]	Start: 10/01/2014 Revision/End: 09/30/2019	GU, IA, IL, IN, KS, MI, MS, ND, NE, OH, OK, SD, WI
NC1179	Food, Feed, Fuel, and Fiber: Security Under a Changing Climate Admin Advisors: [Greg Cuomo] NIFA Reps: [Rachel Melnick]	Start: 10/01/2014 Revision/End: 09/30/2019	AK, AL, FL, IA, IL, IN, KS, KY, MI, MO, MS, MT, ND, NE, NY, OR, TN, TX, UT, VA, WA, WY
NC1180	Control of Endemic, Emerging and Re-emerging Poultry Respiratory Diseases in the United States Admin Advisors: [Jeffrey T. LeJeune] NIFA Reps: [Peter J Johnson]	Start: 10/01/2014 Revision/End: 09/30/2019	AL, CA, CT, DE, GA, IA, IL, IN, MN, NE, OH
NC1181	Enhancing resiliency of beef production under shifting forage resources Admin Advisors: [Deb Hamernik] NIFA Reps: [Steve Smith]	Start: 10/01/2014 Revision/End: 09/30/2019	IA, KS, MI, MO, MS, NE, PA, SD, TN
NC1182	Management and Environmental Factors Affecting Nitrogen Cycling and Use Efficiency in Forage-Based Livestock Production Systems Admin Advisors: [David A. Benfield] NIFA Reps: [Charlotte Baer]	Start: 10/01/2014 Revision/End: 09/30/2019	AR, GA, IA, KS, KY, MI, MO, MS, NE, OH, TN, UT, WA

NC1183	Mycotoxins: Biosecurity, Food Safety and Biofuels Byproducts (NC129, NC1025) Admin Advisors: [David S Jackson] NIFA Reps: [Rachel Melnick]	Start: 10/01/2015 Revision/End: 09/30/2020	IA, IL, KS, KY, MI, MO, MS, ND, NE, NJ, OK, PA, VA, WI, WV
NC1184	Molecular Mechanisms Regulating Skeletal Muscle Growth and Differentiation Admin Advisors: [Deb Hamernik] NIFA Reps: [Mark Mirando]	Start: 10/01/2015 Revision/End: 09/30/2020	AL, AR, AZ, CA, CT, FL, GA, HI, IA, ID, IL, IN, KS, MI, MN, MO, MS, NC, ND, NE, NJ, OH, TX, UT, VA, WA, WI, WY
NC1186	Water Management and Quality for Ornamental Crop Production and Health Admin Advisors: [Douglas Buhler] NIFA Reps: [Thomas A. Bewick]	Start: 10/01/2015 Revision/End: 09/30/2020	AL, CA, CO, CT, FL, GA, IN, KS, KY, LA, MA, MD, MI, MS, NC, NJ, OH, OR, SC, TN, TX, VA, WI
NC1187	The Chemical and Physical Nature of Particulate Matter Affecting Air, Water and Soil Quality. (NCR174) Admin Advisors: [Jeff Jacobsen] [Christina Hamilton] NIFA Reps: [Nancy Cavallaro]	Start: 10/01/2015 Revision/End: 09/30/2020	AL, CA, DE, ID, IL, KS, KY, MI, MO, NE, NJ, TX, VA, WA
NC1189	Understanding the Ecological and Social Constraints to Achieving Sustainable Fisheries Resource Policy and Management Admin Advisors: [Douglas Buhler] NIFA Reps: [Gene W Kim]	Start: 10/01/2016 Revision/End: 09/30/2021	AL, CA, IA, IL, MD, ME, MI, MN, MS, NE, NY, OH, OK, OR, SD, WV
NC1190	Catalysts for Water Resources Protection and Restoration: Applied Social Science Research Admin Advisors: [Jeffrey Peterson] NIFA Reps: [Karelyn Cruz]	Start: 10/01/2016 Revision/End: 09/30/2021	CO, IA, ID, IL, IN, KS, MI, MN, MS, NE, OH, OR, PA, SD, VA, WI, WV
NC1192	An integrated approach to control of bovine respiratory diseases (NC-1027) Admin Advisors: [George Smith] NIFA Reps: [Peter J Johnson] [Margo Holland]	Start: 10/01/2016 Revision/End: 09/30/2021	CA, GA, IA, IL, KS, LA, MO, MS, NE, OK, SD, TX, WA, WI
NC1193	Using Behavioral and Environmental Tools to Identify Weight Related Factors Associated with Health in Communities of Young Adults Admin Advisors: [Dennis Savaiano] NIFA Reps: [Jane Clary]	Start: 10/01/2016 Revision/End: 09/30/2021	AL, FL, KS, KY, ME, MS, NE, NH, NJ, NY, RI, SD, TN, WV
NC1194	Nanotechnology and Biosensors Admin Advisors: [Steven Lommel] NIFA Reps: [Hongda Chen]	Start: 10/01/2016 Revision/End: 09/30/2021	AR, AZ, FL, HI, IA, IL, IN, KY, LA, MI, MN, MO, MS, NJ, NY, TX, UT, WI
NC1195	Enhancing nitrogen utilization in corn based cropping systems to increase yield, improve profitability and minimize environmental impacts Admin Advisors: [Sue Blodgett] NIFA Reps: [Nancy Cavallaro]	Start: 10/01/2016 Revision/End: 09/30/2021	CA, IA, IL, KS, KY, MI, MN, MO, MS, NE, TN, UT, VA, WI

NC1196	Food systems, health, and well-being: understanding complex relationships and dynamics of change Admin Advisors: [Jane M Schuh] NIFA Reps: [Deirdra N Chester] [Paul Cotton]	Start: 10/01/2016 Revision/End: 09/30/2021	CA, FL, IA, IL, IN, KS, KY, MD, MI, MN, MO, MS, NC, NE, NJ, OH, TX
NC1197	Practical Management of Nematodes on Corn, Soybeans and Other Crops of Regional Importance Admin Advisors: [F. William Ravlin] NIFA Reps: [Mary F Purcell]	Start: 10/01/2016 Revision/End: 09/30/2021	IA, IL, IN, KS, KY, MI, MN, MO, ND, OH, SD, WI
NC1198	Renewing an Agriculture of the Middle: Value Chain Design, Policy Approaches, Environmental and Social Impacts Admin Advisors: [Joe Colletti] NIFA Reps: [Rob Hedberg]	Start: 10/01/2017 Revision/End: 09/30/2022	AL, CA, CO, GA, IA, KS, KY, MA, MD, MI, MN, MO, MT, NE, NJ, OR, PA, VT, WA
NC1200	Regulation of Photosynthetic Processes Admin Advisors: [Christoph Benning] NIFA Reps: [Shing Kwok]	Start: 10/01/2017 Revision/End: 09/30/2022	CA, IL, IN, KS, MI, MN, MO, MS, MT, NE, NV, VA, WA
NC1201	Methods to Increase Reproductive Efficiency in Cattle Admin Advisors: [George Smith] NIFA Reps: [Adele M Turzillo]	Start: 10/01/2017 Revision/End: 09/30/2022	IA, IL, KS, MI, MO, MS, ND, NE, OR, SD, TX, VA, WI
NC1202	Enteric Diseases of Food Animals: Enhanced Prevention, Control and Food Safety Admin Advisors: [Frank Blecha] NIFA Reps: [Peter J Johnson] [Margo Holland]	Start: 10/01/2017 Revision/End: 09/30/2022	AL, CA, IA, IL, KS, MI, MN, NC, ND, NE, NY, OH, OK, SD, TN, WA, WY
NC1203	Lipids In Plants: Improving and Developing Sustainability of Crops ("LIPIDS of Crops") Admin Advisors: [J. Ernest Minton] NIFA Reps: [Shing Kwok]	Start: 10/01/2016 Revision/End: 09/30/2021	IA, Iowa, KS, MA, MI, MO, NE, NV, SC
NC1204	Advancement of Brassica carinata Admin Advisors: [William R Gibbons] NIFA Reps: [William Goldner]	Start: 10/01/2016 Revision/End: 09/30/2021	AL, AZ, FL, KY, OR, SD
NC1205	MONARCH BUTTERFLY CONSERVATION Admin Advisors: [Sue Blodgett] NIFA Reps: [Mary F Purcell]	Start: 10/01/2017 Revision/End: 09/30/2022	AR, CA, DE, IA, IL, IN, KS, MI, MN, ND, NE
NC1206	Antimicrobial Resistance Admin Advisors: [George Smith] NIFA Reps: [Mervalin Morant] [Peter J Johnson]	Start: 10/01/2017 Revision/End: 09/30/2022	CA, IA, IL, IN, KS, MI, MN, NC, NE, NY, OH, SD
NC2040	Metabolic Relationships in Supply of Nutrients for Lactating Cows Admin Advisors: [David A. Benfield] NIFA Reps: [Steve Smith]	Start: 10/01/2018 Revision/End: 09/30/2023	CA, DE, FL, IA, ID, IL, IN, KS, MI, MN, MS, NY, OH, PA, TN, VA, WI

NC2169	EFNEP Related Research, Program Evaluation and Outreach Admin Advisors: [Deb Hamernik] NIFA Reps: [Helen Chipman]	Start: 10/01/2013 Revision/End: 09/30/2018	AR, AZ, CA, CO, FL, ID, IL, KS, KY, MD, ME, MI, NE, NJ, NV, OH, OK, PA, SD, TN, UT, WA, WI, WY
NC2172	Behavioral economics and financial decision-making and information management across the lifespan Admin Advisors: [J. Ernest Minton] NIFA Reps: [Toija Riggins]	Start: 10/01/2013 Revision/End: 09/30/2018	CA, DE, FL, GA, IA, IL, IN, KS, MD, MO, MS, ND, NJ, PA, RI, SD, TX, UT, VA
NC3169	EFNEP Related Research, Program Evaluation and Outreach Admin Advisors: [Deb Hamernik] NIFA Reps: [Helen Chipman]	Start: 10/01/2018 Revision/End: 09/30/2023	AR, CO, FL, ID, KS, KY, MD, ME, MI, NJ, SD, UT, WA, WI, WY
NC_old213	Marketing and Delivery of Quality Grains and BioProcess Coproducts Admin Advisors: [David A. Benfield] NIFA Reps: [Hongda Chen]	Start: 10/01/2013 Revision/End: 09/30/2018	AR, IA, ID, IL, IN, KS, KY, MO, MS, MT, ND, NE, OH, OK, TX, WI
NC_old2040	Metabolic Relationships in Supply of Nutrients for Lactating Cows (NC-1009) Admin Advisors: [David A. Benfield] NIFA Reps: [Steve Smith]	Start: 10/01/2013 Revision/End: 09/30/2018	CA, DE, FL, IA, ID, IL, IN, KS, KY, MD, MI, MN, ND, NY, OH, PA, SD, TN, TX, UT, VA, WA, WI
NC_old2042	Management Systems to Improve the Economic and Environmental Sustainability of Dairy Enterprises (Rev. NC-1119) Admin Advisors: [David A. Benfield] NIFA Reps: [Charlotte Baer] [Steve Smith]	Start: 10/01/2013 Revision/End: 09/30/2018	CA, ID, IL, IN, KY, LA, MD, MI, MN, MO, MS, NC, NE, NH, NY, OH, PA, SC, SD, UT, VA, WI
NCAC1	Crop and Soil Research Admin Advisors: [Jeff Jacobsen] NIFA Reps: [Karelyn Cruz]	Start: 10/01/2004 Revision/End: 09/30/2020	IA, IL, IN, KS, MI, MN, MO, ND, NE, NM, OH, WI
NCAC2	Animal Health Advisory Committee Admin Advisors: [Shawn S. Donkin] NIFA Reps: [Margo Holland]	Start: 10/01/2004 Revision/End: 09/30/2020	AR, CA, IA, IL, IN, KS, MD, MI, MN, MO, ND, NE, OH, SD, WI
NCAC4	Horticultural Crops Admin Advisors: [Marc Linit] NIFA Reps: [Thomas A. Bewick]	Start: 10/01/2004 Revision/End: 09/30/2020	CA, CO, FL, GA, HI, IA, IL, IN, KS, MD, MI, MN, MO, ND, NE, NY, OR, PA, SD, UT, WI
NCAC6	Livestock Production Admin Advisors: [Donald Marshall] NIFA Reps: [Adele M. Turzillo] [Mark Mirando]	Start: 10/01/2000 Revision/End: 09/30/2020	IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, WI, WY
NCAC12	Agricultural Economics Admin Advisors: [Marshall Martin] NIFA Reps: [Fen C. Hunt]	Start: 10/01/2004 Revision/End: 09/30/2020	IA, IL, IN, KS, KY, MI, MN, MO, ND, NE, OH, SD, WI

NCAC14	Plant Pathology Admin Advisors: [Rick Bennett] NIFA Reps: [Michael Fitzner] [Rubella S Goswami]	Start: 10/01/2004 Revision/End: 09/30/2020	AR, IA, IL, IN, KS, LA, MI, MN, MO, ND, NE, OH, PA, TX, WI
NCAC15	Entomology and Economic Zoology Admin Advisors: [Thomas Payne] NIFA Reps: [Michael Fitzner] [Herbert Bolton] [Robert M. Nowierski] [Mary F Purcell]	Start: 10/01/2004 Revision/End: 09/30/2020	CO, IA, IL, IN, KS, KY, MI, MN, MO, ND, NE, OH, WI
NCAC16	Biological and Agricultural Engineering Admin Advisors: [Richard J Straub] NIFA Reps: [Bradley Rein]	Start: 10/01/2004 Revision/End: 09/30/2020	AL, AR, FL, GA, IA, IL, IN, KS, KY, LA, MI, MN, MO, NC, ND, NE, NY, OH, OK, PA, SD, TX, UT, VA, WI
NCAC22	Food Science and Human Nutrition Admin Advisors: [Ruth S MacDonald] [Terezie T Mosby] NIFA Reps: [Jodi Williams]	Start: 10/01/2004 Revision/End: 09/30/2020	IA, IL, IN, KS, MN, MS, ND, NE, OH, WI
NCAC24	Agricultural Education Research Admin Advisors: [Kristina Boone] NIFA Reps: [Edwin Lewis]	Start: 10/01/2004 Revision/End: 09/30/2020	AR, AZ, CO, FL, GA, IA, IL, IN, KS, KY, LA, MI, MN, MO, MS, MT, NC, ND, NE, NM, OH, OK, OR, PA, SC, TX, UT, WI
NCAC25	Agricultural Communications Admin Advisors: [Kristina Boone] NIFA Reps:	Start: 02/01/2013 Revision/End: 02/01/2025	IA, MI, OK
NCCC9	MWPS: Research and Extension Educational Materials Admin Advisors: [John Lawrence] NIFA Reps: [Steven Thomson]	Start: 10/01/2014 Revision/End: 09/30/2019	CA, IA, IL, IN, KS, KY, MI, MN, ND, NE, OH, WI
NCCC31	Ecophysiological Aspects of Forage Management Admin Advisors: [James Kells] NIFA Reps: [Jeffrey J Steiner]	Start: 10/01/2015 Revision/End: 09/30/2020	AL, AR, IN, KY, MD, MI, MN, MO, MS, ND, NE, OH, OR, PA, SD, TN, TX, UT, VA, WI, WV, WY
NCCC42	Committee on Swine Nutrition Admin Advisors: [Donald Beitz] NIFA Reps:	Start: 10/01/2014 Revision/End: 09/30/2019	CA, GA, HI, IA, IL, IN, KS, KY, MI, MN, MO, MS, NC, NE, OK, SD, TX, WI
NCCC52	Family Economics Coordinating Committee Admin Advisors: [Cynthia R Jasper] NIFA Reps: [Toija Riggins]	Start: 10/01/2015 Revision/End: 09/30/2020	FL, IA, KS, Kansas, MN, NJ, SD, TX
NCCC65	Indicators of Social Change in the Marketplace: Producers, Retailers and Consumers Admin Advisors: [Elizabeth Bye] NIFA Reps: [Toija Riggins]	Start: 10/01/2016 Revision/End: 09/30/2021	AZ, CO, IA, KS, KY, MN, MO, MS, NE, NY, OH, SD, WA, WI

NCCC134	Applied Commodity Price Analysis, Forecasting, and Market Risk Management Admin Advisors: [A. Hallam] NIFA Reps:	Start: 10/01/2015 Revision/End: 09/30/2020	AR, AZ, CA, CO, FL, GA, IA, ID, IL, IN, KS, MI, MN, MT, NC, ND, NE, OH, OK, SD, UT, VA, WA, WV
NCCC167	Corn Breeding Research Admin Advisors: [Kendall Lamkey] NIFA Reps: [Ed Kaleikau]	Start: 10/01/2016 Revision/End: 09/30/2021	HI, IA, IL, MN, MO, NE, NY, WI
NCCC170	Research Advances in Agricultural Statistics Admin Advisors: [Bruce Craig] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	AR, CA, CO, GA, IA, ID, IL, IN, KS, MD, MI, MO, NE, OH, OK, PR, UT, WI
NCCC210	Regulation of Adipose Tissue Accretion in Meat-Producing Animals (NCCC210) Admin Advisors: [James E. Kinder] NIFA Reps:	Start: 10/01/2014 Revision/End: 09/30/2019	AL, GA, HI, IA, IN, MO, MS, NC, OH, TN, TX, WA, WV
NCCC211	Cover crops to improve agricultural sustainability and environmental quality in the upper Midwest Admin Advisors: [Kendall Lamkey] NIFA Reps:	Start: 10/01/2015 Revision/End: 09/30/2020	IA, IL, IN, KS, KY, MI, MN, ND, NE, SD, WI
NCCC212	Small Fruit and Viticulture Research Admin Advisors: [William V Baird] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	AL, AR, CT, FL, GA, IA, IN, KY, ME, MI, MN, NC, ND, NJ, NY, OR, Ontario, PA, UT, VA, WA, WI
NCCC215	Potato Breeding and Genetics Technical Committee Admin Advisors: [Ray Hammerschmidt] NIFA Reps:	Start: 10/01/2017 Revision/End: 09/30/2022	IA, MI, MN, ND, NV, WI
NCCC216	Understanding weed biology and ecology to address emerging weed management challenges Admin Advisors: [Douglas Buhler] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	FL, KS, KY, MI, MN, ND, NE, OR, SD
NCCC307	Biochemistry and Genetics of Plant-Fungal Interactions Admin Advisors: [Martin A Draper] NIFA Reps:	Start: 10/01/2018 Revision/End: 09/30/2023	FL, IN, KS, MI, MN, NE, OH, PA, WI
NCCC308	Nutrition and Management of Feedlot Cattle to Optimize Performance, Carcass Value and Environmental Compatibility Admin Advisors: [John Lawrence] NIFA Reps:	Start: 10/01/2018 Revision/End: 09/30/2023	CA, CO, IA, IL, IN, MI, MN, ND, OH, TX
NCCC_old307	Biochemistry and Genetics of Plant-Fungal Interactions Admin Advisors: [Christina Hamilton] [Martin A Draper] NIFA Reps:	Start: 10/01/2013 Revision/End: 09/30/2018	CT, FL, IN, KS, KY, MI, MN, ND, NE, NV, OH, OK, OR, PA, WA, WI

NCCC_old308	Nutrition and Management of Feedlot Cattle to Optimize Performance, Carcass Value and Environmental Compatibility (NCT192) Admin Advisors: [John Lawrence] NIFA Reps:	Start: 10/01/2013 Revision/End: 09/30/2018	CA, CO, IA, ID, IL, IN, KS, MI, MN, ND, NE, OH, OK, PA, SD, TX, Texas, WI
NCDC231	Collaborative for Research on Food, Energy, and Water Education Admin Advisors: [Archie C Clutter] NIFA Reps:	Start: 09/28/2016 Revision/End: 09/30/2018	CT, GA, IA, IN, MI, MN, MO, NC, NE, OH, PA, PR, VA, WY
NCDC232	Biology, Etiology, and Management of Dollar Spot in Turfgrasses Admin Advisors: [Ray Hammerschmidt] NIFA Reps:	Start: 12/04/2017 Revision/End: 09/30/2019	FL, IA, IL, KS, MD, MI, NJ, OK, PA, WI
NCERA3	Soil and Landscape Assessment, Function and Interpretation Admin Advisors: [Michel D. Ransom] NIFA Reps:	Start: 10/01/2014 Revision/End: 09/30/2019	IA, IL, IN, KS, MN, ND, NE, OH, SD
NCERA13	Soil Testing and Plant Analysis Admin Advisors: [Frank Casey] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	IA, IN, KS, MI, MN, MO, ND, NE, OH, WA, WI
NCERA57	Swine Reproductive Physiology Admin Advisors: [Deb Hamernik] NIFA Reps:	Start: 10/01/2014 Revision/End: 09/30/2019	IA, IL, IN, Kansas, MO, MS, NE, SD, WI, WV
NCERA59	Soil Organic Matter: Formation, Function and Management Admin Advisors: [Ronald Turco] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	CA, CO, IA, IL, IN, KY, MD, MI, MN, MO, ND, NE, NV, OR, SD, TN, WI
NCERA101	Controlled Environment Technology and Use Admin Advisors: [Rameshwar Kanwar] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	AK, AZ, FL, GA, IA, IL, IN, KY, MD, MI, MN, MS, NC, NJ, NY, OH, UT, WI
NCERA103	Specialized Soil Amendments and Products, Growth Stimulants and Soil Fertility Management Programs Admin Advisors: [Carl Rosen] NIFA Reps:	Start: 10/01/2017 Revision/End: 09/30/2022	IA, IL, IN, KS, KY, MI, MN, MO, ND, NE, OH, WI
NCERA137	Soybean Diseases Admin Advisors: [Terry Niblack] [Martin A Draper] NIFA Reps: [Rubella S Goswami]	Start: 10/01/2014 Revision/End: 09/30/2019	AR, IA, IL, KS, KY, LA, MI, MN, MO, MS, ND, NE, OH, SD, TN, VA, WI
NCERA180	Precision Agriculture Technologies for Food, Fiber, and Energy Production Admin Advisors: [V. Kelley] NIFA Reps: [Steven Thomson]	Start: 10/01/2016 Revision/End: 09/30/2021	AL, CO, FL, GA, IA, IN, KS, KY, MI, MN, MS, NE, OH, SD, TX, WA, WI

NCERA184	Management of Small Grain Diseases Admin Advisors: [Kendall Lamkey] NIFA Reps: [Rubella S Goswami]	Start: 10/01/2017 Revision/End: 09/30/2022	AR, IA, IL, KY, LA, MI, MN, MO, NE, VA, WA, WI
NCERA197	Agricultural Safety and Health Research and Extension Admin Advisors: [Marshall Martin] NIFA Reps: [Aida B Balsano] [Steven Thomson]	Start: 10/01/2015 Revision/End: 09/30/2020	CA, IA, IL, IN, KS, KY, MB, MN, MO, NE, OH, PA, WI, WV
NCERA210	Improving the management and effectiveness of cooperatively owned business organizations Admin Advisors: [Allen Featherstone] NIFA Reps:	Start: 10/01/2018 Revision/End: 09/30/2023	IA, KS, MI, MN, MO, NE, NJ, NY, OH, OK, SD, TX, WI
NCERA214	Increased Efficiency of Sheep Production Admin Advisors: [J. Ernest Minton] NIFA Reps:	Start: 10/01/2014 Revision/End: 09/30/2019	GA, IA, ID, KS, KY, LA, MD, ME, MI, MO, MT, ND, NM, NY, OH, PA, RI, SD, TX, UT, VA, WI, WV, WY
NCERA215	Contribution of 4-H Participation to the Development of Social Capital Within Communities Admin Advisors: [Kathleen Lodi] NIFA Reps: [Bonita Williams]	Start: 10/01/2014 Revision/End: 09/30/2019	AZ, CA, IA, ID, IN, KS, MD, ME, MN, MO, SD, WA, WI
NCERA216	Latinos and Immigrants in Midwestern Communities Admin Advisors: [Chuck Hibberd] NIFA Reps: [Alishia Shipley]	Start: 10/01/2014 Revision/End: 09/30/2019	IA, IL, IN, KS, MI, MN, MO, OK, SD
NCERA217	Drainage design and management practices to improve water quality Admin Advisors: [Rameshwar Kanwar] NIFA Reps:	Start: 10/01/2014 Revision/End: 09/30/2019	GA, IA, IL, IN, KY, MI, MN, MO, NC, ND, NY, SD, VA
NCERA218	Health, well-being, and economic opportunity for LGBT persons in rural communities Admin Advisors: [Robert Hughes] NIFA Reps: [R. Brent Elrod]	Start: 10/01/2017 Revision/End: 09/30/2022	AZ, HI, IL, MI, MN, VA
NCERA219	Swine Production Management to Enhance Animal Welfare Admin Advisors: [J. Ernest Minton] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	AR, IA, IL, IN, KS, KY, MI, MN, MO, NE, OH, SD
NCERA220	Biological Control of Arthropods and Weeds Admin Advisors: [John Ruberson] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	IL, KS, KY, MI, MN, MO, ND, NE
NCERA221	Turfgrass and the Environment (was NCERA192) Admin Advisors: [Roch E Gaussoin] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	IA, IL, IN, KS, MD, MI, MN, MO, ND, NE, OH, WI

NCERA222	Integrated Pest Management Admin Advisors: [Jeff Jacobsen] NIFA Reps: [Rubella S Goswami] [Herbert Bolton]	Start: 10/01/2016 Revision/End: 09/30/2021	IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, WI
NCERA224	IPM Strategies for Arthropod Pests and Diseases in Nurseries and Landscapes Admin Advisors: [Thomas Payne] NIFA Reps:	Start: 10/01/2017 Revision/End: 09/30/2022	CO, IA, MI, MN, NE, OH, TN, WA, WI
NCERA225	Implementation and Strategies for National Beef Cattle Genetic Evaluation Admin Advisors: [Joe Cassady] NIFA Reps:	Start: 10/01/2017 Revision/End: 09/30/2022	CA, CO, GA, IA, KS, MI, MO, MT, ND, NE
NCERA_old210	Improving the management and effectiveness of cooperatively owned business organizations Admin Advisors: [Allen Featherstone] NIFA Reps: [Victoria LeBeaux]	Start: 10/01/2013 Revision/End: 09/30/2018	IA, KS, MI, MN, MO, ND, NE, NJ, NY, OH, SD, TX, WI
NE9	Conservation and Utilization of Plant Genetic Resources Admin Advisors: [Jan P. Nyrop] NIFA Reps: [AnnMarie Thro]	Start: 10/01/2013 Revision/End: 09/30/2018	DE, NH, NJ, NY, PA
NE59	Multistate Research Coordination Northeastern Region Admin Advisors: [Frederick A. Servello] NIFA Reps: [Meryl Broussard] [Bart Hewitt]	Start: 10/01/1999 Revision/End: 09/30/2029	CT, DC, DE, MA, MD, ME, NH, NJ, NY, PA, RI, VT, WV
NE1332	Biological Control of Arthropod Pests and Weeds Admin Advisors: [Jan P. Nyrop] NIFA Reps: [Robert M. Nowierski]	Start: 10/01/2013 Revision/End: 09/30/2018	CT, DE, MA, ME, NJ, NY, RI, VA, VT
NE1333	Biological Improvement of Chestnut through Technologies that Address Management of the Species, its Pathogens and Pests Admin Advisors: [Bradley Hillman] NIFA Reps: [Robert M. Nowierski]	Start: 10/01/2013 Revision/End: 09/30/2018	AL, CA, CT, GA, IN, KY, MI, MO, MS, NJ, NM, NY, PA, SC, TN, WI, WV
NE1334	Genetic Bases for Resistance and Immunity to Avian Diseases Admin Advisors: [Robert Taylor] NIFA Reps: [Lakshmi Matukumalli] [Margo Holland] [Peter J Johnson]	Start: 10/01/2013 Revision/End: 09/30/2018	6708 WD, AL, AR, CA, DE, GA, IA, IN, MD, NC, OH, PE, VA, WA, WI, WV
NE1335	Resource Management in Commercial Greenhouse Production Admin Advisors: [Adel Shirmohammadi] NIFA Reps: [Thomas A. Bewick]	Start: 10/01/2013 Revision/End: 09/30/2018	AK, AZ, CT, FL, IL, IN, ME, MI, MN, NE, NH, NJ, NY, OH, VA
NE1336	Improving Quality and Reducing Losses in Specialty Fruit Crops through Storage Technologies Admin Advisors: [Christopher B. Watkins] NIFA Reps: [Jodi Williams]	Start: 10/01/2013 Revision/End: 09/30/2018	AL, BC, CA, FL, HI, MA, MD, ME, MI, MN, MS, NB, NC, NJ, NY, OR, WA

NE1438	Hydropedology of Vernal Pool Systems Admin Advisors: [Jon Wraith] NIFA Reps: [Karelyn Cruz]	Start: 10/01/2014 Revision/End: 09/30/2019	DE, IA, MA, MD, NJ, PA, RI, VA, WV, WY
NE1439	Changing the Health Trajectory for Older Adults through Effective Diet and Activity Modifications Admin Advisors: [Sabine O'Hara] NIFA Reps: [Jane Clary]	Start: 10/01/2014 Revision/End: 09/30/2019	DC, IA, IL, LA, MA, MD, MN, MS, NC, NJ, OH, RI, WV
NE1441	Environmental Impacts of Equine Operations Admin Advisors: [Mark Rieger] NIFA Reps: [Charlotte Baer]	Start: 10/01/2014 Revision/End: 09/30/2019	FL, KY, MA, MD, ME, MN, NC, NJ, PA, SD, VA, VT
NE1442	Poultry Production Systems and Well-being: Sustainability for Tomorrow Admin Advisors: [Kumar Venkitanarayanan] NIFA Reps: [Charlotte Baer]	Start: 10/01/2014 Revision/End: 09/30/2019	AL, AR, CA, CT, DE, GA, HI, IA, IL, IN, KY, MD, MI, MN, MS, NC, NE, PA, VA, WI
NE1443	Biology, Ecology & Management of Emerging Disease Vectors Admin Advisors: [Theodore Andreadis] NIFA Reps: [Herbert Bolton] [Rubella S Goswami]	Start: 10/01/2014 Revision/End: 09/30/2019	AL, CA, CT, FL, IA, ID, IL, KS, KY, MA, MD, MI, MN, MS, NC, NE, NJ, NY, OH, OR, PA, RI, TX, VA, WI
NE1501	Harnessing Chemical Ecology to Address Agricultural Pest and Pollinator Priorities Admin Advisors: [Jan P. Nyrop] [Richard C. Rhodes III] NIFA Reps: [Mary F Purcell] [Herbert Bolton]	Start: 10/01/2015 Revision/End: 09/30/2020	AR, CA, CT, DE, IN, LA, MA, MI, MN, NC, NE, NH, NJ, NY, PA, VA, VT
NE1544	Dairy Production systems: C,N, and P management for production, profitability and the environment. Admin Advisors: [Adel Shirmohammadi] NIFA Reps: [Steve Smith]	Start: 10/01/2015 Revision/End: 09/30/2020	LA, MA, MD, MI, MS, NJ, NY, OR, PA, UT, WA, WI
NE1545	Onsite Wastewater Treatment Systems: Assessing the Impact of Climate Variability and Climate Change Admin Advisors: [Adel Shirmohammadi] NIFA Reps: [Jim Dobrowolski]	Start: 10/01/2015 Revision/End: 09/30/2020	AZ, GA, KY, MI, MN, NJ, NY, OH, OK, RI, TN
NE1601	Eastern White Pine Health and Responses to Environmental Changes Admin Advisors: [Frederick A. Servello] NIFA Reps: [Eric Norland]	Start: 10/01/2016 Revision/End: 09/30/2021	CT, GA, MA, ME, MI, MN, NH, VT, WI
NE1602	Explorations in the Turfgrass Phytobiome: Understanding Microbial Associations and Developing Tools for Management Admin Advisors: [William A. Miller] NIFA Reps: [Ann Lichens-Park]	Start: 10/01/2016 Revision/End: 09/30/2021	CT, MA, MD, MI, MN, MO, MS, NC, NJ, NY, PA, WI

NE1640	<p>Plant-Parasitic Nematode Management as a Component of Sustainable Soil Health Programs in Horticultural and Field Crop Production Systems</p> <p>Admin Advisors: [Mark Rieger] NIFA Reps: [Mary F Purcell]</p>	<p>Start: 10/01/2016 Revision/End: 10/01/2021</p>	CA, CT, FL, HI, IL, MA, MI, MN, MS, NY, OH, RI, TN, VT, WV
NE1701	<p>Mycobacterial Diseases of Animals</p> <p>Admin Advisors: [Gary A. Thompson] NIFA Reps: [Mark Robinson]</p>	<p>Start: 10/01/2017 Revision/End: 09/30/2022</p>	IL, MI, NE, PA
NE1710	<p>Improving Forage and Bioenergy Crops for Better Adaptation, Resilience, and Flexibility</p> <p>Admin Advisors: [Donald R. Viands] NIFA Reps: [Jeffrey J Steiner]</p>	<p>Start: 10/01/2017 Revision/End: 10/01/2022</p>	CA, GA, IL, KY, MN, MS, NY, RI, SD, VT
NE1720	<p>Multi-state Coordinated Evaluation of Winegrape Cultivars and Clones</p> <p>Admin Advisors: [Bradley Hillman] NIFA Reps: [Thomas A. Bewick]</p>	<p>Start: 10/01/2017 Revision/End: 09/30/2022</p>	CO, CT, IA, IN, MA, MD, MI, MN, MO, ND, NE, NJ, NV, NY, OH, PA, SD, VT, WY
NE1727	<p>Influence of ovary, uterus, and embryo on pregnancy success in ruminants</p> <p>Admin Advisors: [Gary A. Thompson] NIFA Reps: [Adele M Turzillo] [Mark Mirando]</p>	<p>Start: 10/01/2017 Revision/End: 09/30/2022</p>	IA, IL, KY, MA, MS, NE, NH, NY, PA, VA, VT, WI, WV
NE1731	<p>Collaborative Potato Breeding and Variety Development Activities to Enhance Farm Sustainability in the Eastern US</p> <p>Admin Advisors: [Frederick A. Servello] NIFA Reps: [AnnMarie Thro]</p>	<p>Start: 10/01/2017 Revision/End: 09/30/2022</p>	ME, NC, NY, OH, PA, VA
NE1748	<p>Mastitis Resistance to Enhance Dairy Food Safety</p> <p>Admin Advisors: [Kumar Venkitanarayanan] NIFA Reps: [Peter J Johnson] [Margo Holland]</p>	<p>Start: 10/01/2017 Revision/End: 09/30/2022</p>	CT, IA, ID, IL, KS, KY, LA, MD, ME, MI, MN, MO, MS, NC, NJ, NY, OR, PA, QC, SK, TN, UT, VA, VT, WA, WI
NE1749	<p>Enhancing Rural Economic Opportunities, Community Resilience, and Entrepreneurship</p> <p>Admin Advisors: [Margaret Brennan] NIFA Reps: [Toija Riggins]</p>	<p>Start: 10/01/2017 Revision/End: 09/30/2022</p>	AR, CO, CT, GA, IL, IN, ME, MI, MN, MO, NC, ND, NH, NV, NY, OK, OR, PA, TN, TX, WI, WV
NE1962	<p>Outdoor Recreation, Parks and Other Green Environments: Understanding Human and Community Benefits and Mechanisms</p> <p>Admin Advisors: [Frederick A. Servello] NIFA Reps: [Eric Norland]</p>	<p>Start: 10/01/2017 Revision/End: 09/30/2022</p>	AK, AZ, FL, MO, NJ, NY, WA, WV
NECC29	<p>Northeastern Corn Improvement Conference</p> <p>Admin Advisors: [Bob Goodman] NIFA Reps: [AnnMarie Thro]</p>	<p>Start: 10/01/2013 Revision/End: 09/30/2018</p>	MN, NY, OH, PA

NECC1312	Northeast Coordinating Committee on Soil Testing Admin Advisors: [Richard C. Rhodes III] NIFA Reps:	Start: 10/01/2013 Revision/End: 09/30/2018	CT, DE, KY, MA, ME, NH, NJ, NY, PA, VT, WV
NECC1501	Sustainable Farm Energy Production and Use Admin Advisors: [Gary A. Thompson] NIFA Reps:	Start: 04/01/2015 Revision/End: 09/30/2020	CT, DC, IA, IL, MD, MI, NH, NJ, PA, WI, WV, WY
NECC1700	Equine Clinical Studies Admin Advisors: [Richard C. Rhodes III] NIFA Reps:	Start: 10/01/2017 Revision/End: 09/30/2022	AR, CT, IL, ME, MN, NJ
NECC1701	Luminescence Techniques for Food Quality, Stability & Safety Admin Advisors: NIFA Reps:	Start: 10/01/2017 Revision/End: 09/30/2022	MA, NJ
NECC1702	Establishment of a Formal Structure for the Minor Use Animal Drug Program Admin Advisors: [Margaret E. Smith] NIFA Reps: [Peter J Johnson] [Margo Holland]	Start: 10/01/2017 Revision/End: 09/30/2022	CA, IA, MD, NY
NEERA1306	Management of the Brown Marmorated Stink Bug Admin Advisors: [Theodore Andreadis] NIFA Reps: [Herbert Bolton]	Start: 10/01/2013 Revision/End: 09/30/2018	AR, LA, MN, NJ, NM, OH, PA, VA, WV
NEERA1402	Reporting Guidelines and Data Handling Protocols for Databases of Nitrogen Response Trials in Corn Admin Advisors: [Tim T. Phipps] NIFA Reps:	Start: 10/01/2014 Revision/End: 09/30/2019	CT, DC, KY, NC, NY, PA
NEERA1501	University-Community Intermediaries: Supporting Informed Decision-Making Around Polarized Issues Admin Advisors: [Margaret E. Smith] NIFA Reps: [R. Brent Elrod]	Start: 10/01/2015 Revision/End: 09/30/2020	CO, CT, MI, MT, NH, NY, RI, WV
NEERA1603	Northeast Pasture Consortium Admin Advisors: [Margaret E. Smith] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	MA, ME, NY, PA, VT, WV
NEERA1604	Northeast Region Technical Committee on Integrated Pest Management Admin Advisors: [Jan P. Nyrop] [Michael O'Neill] NIFA Reps: [Herbert Bolton] [Rubella S Goswami]	Start: 10/01/2016 Revision/End: 09/30/2021	MA, NY
NRSP1	Multistate Research Information Management and Impact Communications Program Admin Advisors: [Jeff Jacobsen] [Adel Shirmohammadi] [Keith Owens] [Steven Loring] NIFA Reps: [Bart Hewitt]	Start: 10/01/2017 Revision/End: 09/30/2022	CO, SC

NRSP3	<p>The National Atmospheric Deposition Program (NADP) Admin Advisors: [Douglas Buhler] [Jon Wraith] [George M Hopper] [William Payne] NIFA Reps: [Karelyn Cruz]</p>	<p>Start: 10/01/2014 Revision/End: 09/30/2019</p>	CA, CO, GA, IL, LA, MA, MI, MN, NE, NY, PA, TX, UT, WI
NRSP4	<p>Facilitating Registration of Pest Management Technology for Specialty Crops and Specialty Uses Admin Advisors: [Douglas Buhler] [Bradley Hillman] [Jackie Burns] [Ronald S Tjeerdema] NIFA Reps: [Rob Hedberg]</p>	<p>Start: 10/01/2015 Revision/End: 09/30/2020</p>	AR, CO, ID, ME, MI, MN, NC, NJ, PA, PR, UT, WA
NRSP6	<p>The US Potato Genebank: Acquisition, Classification, Preservation, Evaluation and Distribution of Potato (Solanum) Germplasm Admin Advisors: [William Barker] [Walter De Jong] [Craig Nessler] [Joyce Loper] NIFA Reps: [Ed Kaleikau] [Liang-Shiou Lin]</p>	<p>Start: 10/01/2015 Revision/End: 09/30/2020</p>	CO, ID, MI, MN, NC, NY, OR, WI
NRSP8	<p>National Animal Genome Research Program Admin Advisors: [Archie C Clutter] [John Kirby] [Eric Young] [Noelle E. Cockett] NIFA Reps: [Lakshmi Matukumalli]</p>	<p>Start: 10/01/2013 Revision/End: 09/30/2018</p>	AL, AR, AZ, CA, CO, DE, FL, HI, IA, ID, IL, Japan, KY, LA, MA, MD, MI, MN, MO, MS, NC, NE, NY, PA, TX, UT, VA, VT, WA, WI
NRSP9	<p>National Animal Nutrition Program Admin Advisors: [David A. Benfield] [Richard C. Rhodes III] [Lesley D Oliver] [Bret W. Hess] NIFA Reps: [Charlotte Baer] [Steve Smith]</p>	<p>Start: 10/01/2015 Revision/End: 09/30/2020</p>	AL, CA, CO, FL, GA, IA, ID, IL, KY, NC, ND, NE, NJ, OH, PA, TX, VA, WA
NRSP10	<p>Database Resources for Crop Genomics, Genetics and Breeding Research Admin Advisors: [George Smith] [Susan K. Brown] [Steven Lommel] [Scot H Hulbert] NIFA Reps: [Ed Kaleikau]</p>	<p>Start: 10/01/2014 Revision/End: 09/30/2019</p>	CA, FL, GA, IA, MI, MN, MS, NC, ND, NY, OR, RI, SC, TN, VA, WA
S9	<p>Plant Genetic Resources Conservation and Utilization Admin Advisors: [Bob Stougaard] NIFA Reps: [AnnMarie Thro]</p>	<p>Start: 10/01/2013 Revision/End: 09/30/2018</p>	CA, FL, GA, GU, KY, LA, MS, NC, OK, PR, SC, TN, TX, VA, VI
S65	<p>Multistate Research Coordination, Southern Region Admin Advisors: [Eric Young] NIFA Reps: [Bart Hewitt]</p>	<p>Start: 10/01/1999 Revision/End: 09/30/2029</p>	FL, GA, LA, MS, NC, PR, SC
S294	<p>Quality and Safety of Fresh-cut Vegetables and Fruits Admin Advisors: [Reuben Moore] NIFA Reps: [Jodi Williams]</p>	<p>Start: 10/01/2017 Revision/End: 09/30/2022</p>	AL, FL, IA, IL, LA, MI, PA, WA
S1032	<p>Animal Production Systems: Synthesis of Methods to Determine Triple Bottom Line Sustainability from Findings of Reductionist Research Admin Advisors: [Ronald Lacewell] [Wendy Powers] NIFA Reps: [Steven Thomson] [Steve Smith]</p>	<p>Start: 10/01/2013 Revision/End: 09/30/2018</p>	AL, AR, CA, GA, HI, IA, ID, IL, KY, MI, MN, MS, NC, ND, NE, OH, OK, TX, Texas, VA, WI
S1041	<p>The Science and Engineering for a Biobased Industry and Economy Admin Advisors: [Timothy G. Rials] NIFA Reps: [Daniel Cassidy] [Hongda Chen]</p>	<p>Start: 10/01/2013 Revision/End: 09/30/2018</p>	AL, AR, AZ, CA, HI, IA, IL, IN, KS, KY, LA, MA, MI, MN, MO, MS, MT, NC, ND, NE, NJ, NY, OH, OK, OR, PA, SC, SD, TN, TX, VA, WA, WI, WV

S1054	Biobased Fibrous Materials and Cleaner Technologies for a Sustainable and Environmentally Responsible Textile Industry Admin Advisors: [Robert Shulstad] NIFA Reps: [Daniel Cassidy]	Start: 01/01/2013 Revision/End: 09/30/2018	CA, CO, GA, IA, MS, MT, NE, NY, OH, TN, TX, WI
S1055	Biology, impact, and management of soybean insect pests in soybean production systems. Admin Advisors: [Rogers Leonard] NIFA Reps: [Mary F Purcell]	Start: 02/01/2013 Revision/End: 09/30/2018	IA, IL, KS, KY, LA, MI, MN, MO, MS, NC, ND, NE, OH, SC, TX, VA, WI
S1056	Enhancing Microbial Food Safety by Risk Analysis Admin Advisors: [Steven Lommel] NIFA Reps: [Mervalin Morant]	Start: 03/01/2013 Revision/End: 09/30/2018	AL, AR, CA, CO, CT, DE, FL, GA, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, NC, ND, NE, NJ, NM, NY, OH, OR, PA, PR, RI, SC, TN, TX, VA, WA, WI, WY
S1059	Peanut Variety and Quality Evaluation Program for Development of Virginia-type Cultivars with High Oleic Trait Admin Advisors: [David Monks] NIFA Reps: [Mathieu Ngouajio]	Start: 10/01/2013 Revision/End: 09/30/2018	FL, NC, VA
S1060	Fly Management in Animal Agriculture Systems and Impacts on Animal Health and Food Safety Admin Advisors: [Richard Roeder] NIFA Reps: [Herbert Bolton]	Start: 10/01/2013 Revision/End: 09/30/2018	AL, AR, CA, FL, GA, IL, KS, LA, MA, MN, NC, NE, NM, NY, OH, OK, PA, TN, TX, WA
S1061	Nutritional Systems for Swine to Increase Reproductive Efficiency Admin Advisors: [Robert Godfrey] NIFA Reps: [Charlotte Baer] [Steve Smith]	Start: 10/01/2013 Revision/End: 09/30/2018	AL, AR, GA, KY, NC, SD, VA
S1062	The importance of U.S. food and agricultural trade in a new global market environment Admin Advisors: [Eric Young] NIFA Reps: [Robbin Shoemaker]	Start: 10/01/2013 Revision/End: 09/30/2018	AL, AR, CO, CT, FL, IA, IL, KS, KY, LA, MO, MS, NC, ND, NE, OH, SC, TN, VA, WA, WY
S1063	Quantification of best management practice effectiveness for water quality protection at the watershed scale Admin Advisors: [Saied Mostaghimi] NIFA Reps: [Jim Dobrowolski]	Start: 10/01/2014 Revision/End: 09/30/2019	AL, AR, FL, GA, IA, IL, IN, KS, KY, LA, MD, MN, MS, NC, ND, OK, PA, RI, TN, TX, VA
S1064	Genetic improvement of adaptation and reproduction to enhance sustainability of cow-calf production in the Southern United States Admin Advisors: [Joe W. West] NIFA Reps: [Lakshmi Matukumalli]	Start: 10/01/2014 Revision/End: 09/30/2019	AR, FL, GA, KS, LA, MS, SC, TX, VI
S1065	Sustainable Practices, Economic Contributions, Consumer Behavior, and Labor Management in the U.S. Environmental Horticulture Industry Admin Advisors: [Craig Nessler] NIFA Reps: [Robbin Shoemaker]	Start: 10/01/2015 Revision/End: 09/30/2020	DE, FL, GA, IA, IN, KS, KY, LA, MI, MN, MS, NJ, TX

S1066	Development of sustainable crop production practices for integrated management of plant-pathogenic nematodes Admin Advisors: [Ronald Lacewell] NIFA Reps: [Mary F Purcell]	Start: 10/01/2015 Revision/End: 09/30/2020	AL, AR, FL, GA, IL, LA, MN, MO, MS, NC, SC, TN, VA
S1067	Specialty Crops and Food Systems: Exploring Markets, Supply Chains and Policy Dimensions Admin Advisors: [Sherry L. Larkin] NIFA Reps: [Robbin Shoemaker]	Start: 10/01/2015 Revision/End: 09/30/2020	CO, DC, DE, FL, GA, IL, KS, KY, ME, MS, NC, NJ, NY, OH, OR, PA, SC, TN, TX, UT, VA, WA, WI
S1068	Integrated Management of Pecan Arthropod Pests in the Southern U.S. Admin Advisors: [Henry Fadamiro] NIFA Reps: [Herbert Bolton]	Start: 10/01/2016 Revision/End: 10/01/2021	AR, GA, LA, NM
S1069	Research and Extension for Unmanned Aircraft Systems (UAS) Applications in U.S. Agriculture and Natural Resources Admin Advisors: [Eric Young] NIFA Reps: [Steven Thomson]	Start: 10/01/2016 Revision/End: 09/30/2021	AL, AR, FL, GA, IL, IN, KS, KY, LA, MS, NC, ND, NY, SC, TN, TX, VA, WA
S1070	The Working Group on Improving Microbial Control of Arthropod Pests Admin Advisors: [Rogers Leonard] NIFA Reps: [Robert M. Nowierski]	Start: 10/01/2017 Revision/End: 09/30/2022	AZ, CA, FL, ME, MI, MT, NJ, NY, VT
S1071	A framework for secondary schools agriscience education programs that emphasizes the STEM content in agriculture Admin Advisors: [Lesley D Oliver] NIFA Reps: [Victoria LeBeaux]	Start: 10/01/2017 Revision/End: 09/30/2022	FL, GA, ID, MI, OR, PA, SC, UT, VA
SAC1	Crops and Soils Admin Advisors: [Lesley D Oliver] NIFA Reps: [Jeffrey J Steiner] [Nancy Cavallaro] [Mathieu Ngouajio]	Start: 08/01/1986 Revision/End: 09/30/2020	AL, AR, FL, GA, KY, LA, MS, NC, OK, SC, TN, TX, VA
SAC2	Animal Sciences Admin Advisors: [William Brown] NIFA Reps: [Mark Mirando]	Start: 08/01/1986 Revision/End: 09/30/2020	AL, AR, FL, GA, KY, LA, MS, NC, OK, SC, TN, TX, VA
SAC3	Human Science Research Administration Admin Advisors: NIFA Reps: [Aida B Balsano]	Start: 08/01/1987 Revision/End: 09/30/2020	
SAC4	Food Science and Technology Admin Advisors: [Richard Roeder] NIFA Reps: [Jodi Williams]	Start: 04/01/1987 Revision/End: 09/30/2020	AL, AR, LA, MS, NC, SC, VA

SAC5	Agricultural Engineering Admin Advisors: [David Monks] [Thomas A Melton] NIFA Reps: [Bradley Rein]	Start: 06/01/1987 Revision/End: 09/30/2020	AL, AR, FL, GA, KY, LA, NC, OK, TX, VA
SAC6	Horticulture Admin Advisors: [David Monks] NIFA Reps: [Thomas A. Bewick]	Start: 06/01/1987 Revision/End: 09/30/2020	AL, AR, FL, GA, KY, LA, MS, NC, OK, SC, TN, TX, VA
SAC7	Agricultural Economics and Rural Sociology Admin Advisors: [Reuben Moore] NIFA Reps: [Toija Riggins]	Start: 08/01/1987 Revision/End: 09/30/2020	AL, AR, FL, GA, KY, LA, MS, OK, SC, TN, TX, VA
SAC11	Plant Pathology Admin Advisors: [Craig Nessler] NIFA Reps: [Michael Fitzner] [Rubella S Goswami]	Start: 11/01/1988 Revision/End: 09/30/2020	AL, AR, FL, GA, KY, LA, MS, OK, SC, TN, TX, VA, WA
SAC12	Entomology Admin Advisors: [Bill McCutchen] NIFA Reps: [Robert M. Nowierski] [Michael Fitzner] [Herbert Bolton] [Mary F Purcell]	Start: 11/01/1988 Revision/End: 09/30/2020	AL, AR, FL, KY, LA, MS, NC, NM, OK, SC, TN, TX, VA
SAC13	Forestry Admin Advisors: [Eric Young] NIFA Reps: [Eric Norland]	Start: 06/01/1990 Revision/End: 09/30/2020	AL, AR, FL, GA, KY, LA, MS, NC, OK, SC, TN, TX, VA, VT
SAC16	Agricultural Engineering Admin Advisors: [Saied Mostaghimi] NIFA Reps: [Bradley Rein]	Start: 05/01/2010 Revision/End: 09/30/2020	AL, AR, FL, IA, IL, IN, KY, LA, MI, MN, MO, MS, NC, ND, NE, NY, OH, OK, PA, SD, TX, UT, VA
SCC13	Statisticians Group (USSES) Admin Advisors: [Clarence Watson] NIFA Reps:	Start: 10/01/2013 Revision/End: 09/30/2018	AR, FL, GA, IA, LA, MI, TX
SCC33	Cooperative Variety Testing Programs Admin Advisors: [Chris L Ray] NIFA Reps:	Start: 10/01/2015 Revision/End: 09/30/2020	AL, CO, KY, TN, WA
SCC76	Economics and Management of Risk in Agriculture and Natural Resources Admin Advisors: [Reuben Moore] NIFA Reps: [Toija Riggins]	Start: 10/01/2014 Revision/End: 09/30/2019	AL, AR, CA, CO, FL, GA, ID, IL, KY, MI, MN, MT, ND, NY, RI, TN, UT, VA
SCC80	Sustaining the Future of Plant Breeding Admin Advisors: [Eric Young] NIFA Reps: [AnnMarie Thro]	Start: 10/01/2015 Revision/End: 09/30/2020	AL, AR, AZ, CA, CO, DE, FL, GA, HI, IA, IL, IN, KS, KY, LA, MD, ME, MI, MN, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, PR, SC, SD, TN, TX, UT, VA, VT, WA, WI, WV, WY

SCC81	Sustainable Small Ruminant Production in the Southeastern U.S. Admin Advisors: [Robert Godfrey] NIFA Reps:	Start: 10/01/2017 Revision/End: 09/30/2022	DE, FL, GA, LA, NC, VA, VI, WV
SCC84	Genetic selection and mating strategies to improve the well-being and efficiency of dairy cattle Admin Advisors: [Joe W. West] NIFA Reps:	Start: 10/01/2013 Revision/End: 09/30/2018	FL, GA, IA, MD, MN, NY, PA, VA, WI
SCC85	Consumer Horticulture Extension, Research, and Education Coordinating Committee Admin Advisors: [Thomas A Melton] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	AL, FL, GA, IN, KY, LA, MN, MS, NC, OH, OR, TN, VA
SERA3	Southern Region Information Exchange Group for IPM Admin Advisors: [David Monks] [Tom Melton] NIFA Reps: [Herbert Bolton] [Rubella S Goswami]	Start: 10/01/2017 Revision/End: 09/30/2022	NC
SERA5	Sweet Potato Collaborators Conference Admin Advisors: [David Monks] [Tom Melton] NIFA Reps:	Start: 10/01/2015 Revision/End: 09/30/2020	IA, LA, MS, NC, ON, SC, VA
SERA6	Methodology, Interpretation, and Implementation of Soil, Plant, Byproduct, and Water Analyses Admin Advisors: [Nathan McKinney] [Thomas A Obreza] NIFA Reps:	Start: 10/01/2017 Revision/End: 09/30/2022	AL, AR, GA, KY, LA, MS, OK, TX
SERA15	Competitiveness and Sustainability of the Southern Dairy Industry Admin Advisors: [Joe W. West] [Gary Jackson] NIFA Reps:	Start: 10/01/2015 Revision/End: 09/30/2019	AL, GA, KY, LA, MO, MS, NC, SC, TN
SERA17	Organization to Minimize Nutrient Loss from the Landscape Admin Advisors: [Paul Mask] [Nathan McKinney] NIFA Reps: [Karelyn Cruz]	Start: 10/01/2013 Revision/End: 09/30/2018	DE, IA, IL, KS, KY, LA, MD, MS, NY, OR, VA, VT, WI
SERA18	Rice Technical Workers Group Admin Advisors: [Steve Martin] [Eric Young] NIFA Reps: [AnnMarie Thro]	Start: 10/01/2013 Revision/End: 09/30/2018	AR, LA, MS, TX
SERA25	Turf (IEG-16) Admin Advisors: [Gary D Lemme] [John Davis] NIFA Reps: [Thomas A. Bewick]	Start: 10/01/2013 Revision/End: 09/30/2018	AL, AR, FL, GA, KY, MS, NC, OK, SC, TN, TX
SERA27	Nursery Crop and Landscape Systems Admin Advisors: [Sherry L. Larkin] [Rich Bonanno] NIFA Reps:	Start: 10/01/2017 Revision/End: 09/30/2022	FL, GA, IA, KY, LA, MS, NC, TN, TX

SERA35	Delta Region Farm Management and Agricultural Policy Working Group Admin Advisors: [Reuben Moore] [Richard D. Cartwright] NIFA Reps:	Start: 10/01/2015 Revision/End: 09/30/2020	AR, LA, MS
SERA39	Public Policy Issues Education Admin Advisors: [Lesley D Oliver] [Rich Bonanno] NIFA Reps: [Siva Sureshwaran]	Start: 10/01/2013 Revision/End: 09/30/2018	AK, GA, MS, NE, OK, PR, TX
SERA41	Beef Cattle Production Utilizing Forages in the Southeast to Integrate Research and Extension Programs across State Boundaries: Development Admin Advisors: [Philip Elzer] [Mark McCann] NIFA Reps:	Start: 10/01/2015 Revision/End: 09/30/2019	AL, AR, GA, KY, LA, MS, NC, TN, TX
SERA43	Southern Region Integrated Water Resources Coordinating Committee Admin Advisors: [Loren W. Burger, Jr.] [Saqib Mukhtar] NIFA Reps:	Start: 10/01/2015 Revision/End: 09/30/2019	AL, AR, FL, GA, IA, KY, LA, MS, NC, OK, SC, TN, TX, VA
SERA45	Crop diversification opportunities to enhance the viability of small farms Admin Advisors: [Lesley D Oliver] [Rogers Leonard] NIFA Reps: [Victoria LeBeaux]	Start: 10/01/2015 Revision/End: 09/30/2019	GA, IA, IL, IN, KY, OH, TN, WV
SERA46	Framework for Nutrient Reduction Strategy Collaboration: the Role for Land Grant Universities Admin Advisors: [Robin Shepard] [Eric Young] NIFA Reps: [Karelyn Cruz]	Start: 10/01/2014 Revision/End: 09/30/2019	AR, IA, IL, IN, KY, LA, MN, MO, MS, OH, TN, WI
SERA47	Strengthening the Southern Region Extension and Research System to Support Local & Regional Foods Needs and Priorities Admin Advisors: [Eric Young] [Ed Jones] NIFA Reps: [Paul Cotton]	Start: 10/01/2016 Revision/End: 09/30/2021	AL, AR, FL, GA, KY, LA, MD, MS, NC, OK, PR, SC, TN, VA
W6	Management and Utilization of Plant Genetic Resources and Associated Information Admin Advisors: [Scot H Hulbert] NIFA Reps: [AnnMarie Thro]	Start: 10/01/2016 Revision/End: 09/30/2021	CA, CO, GA, ID, KS, MN, MT, NM, NV, OR, UT, WA
W106	Multistate Research Coordination, Western Region Admin Advisors: [Sarah Lupis] [H. Michael Harrington] NIFA Reps: [Bart Hewitt]	Start: 10/01/1998 Revision/End: 09/30/2029	AK, AS, AZ, CA, CO, FM, HI, ID, MP, MT, NM, NV, OR, UT, WA, WY
W1023	Understanding Recruitment and Retention in the 4H Club Program Admin Advisors: [Wendy Powers] NIFA Reps: [Douglas Swanson]	Start: 10/01/2018 Revision/End: 09/30/2023	CA, FL, GU, ID, LA, NJ, NM, WA, WY
W1193	Locoweed and its Fungal Endophyte: Impact, Ecology, and Management Admin Advisors: [Chris Davies] NIFA Reps: [Ann Lichens-Park]	Start: 10/01/2015 Revision/End: 09/30/2020	KY, MT, NM

W1194	Children's Healthy Living Network (CHLN) in the U.S. Affiliated Pacific Region Admin Advisors: [Jinzeng Yang] NIFA Reps: [Paul Cotton]	Start: 10/01/2016 Revision/End: 09/30/2021	AK, AZ, GU, HI, MP
W2006	Multistate Agricultural Literacy Research Admin Advisors: [Brian Warnick] NIFA Reps: [Ray Ali]	Start: 10/01/2014 Revision/End: 09/30/2019	AZ, CA, CO, FL, HI, IA, KS, KY, MT, NC, NE, OR, PA, UT
W2009	Integrated Systems Research and Development in Automation and Sensors for Sustainability of Specialty Crops Admin Advisors: [James W. Moyer] [Qin Zhang] NIFA Reps: [Daniel L. Schmoldt]	Start: 10/01/2013 Revision/End: 09/30/2018	AL, AZ, CA, CO, FL, GA, HI, IA, KY, MI, MS, OK, OR, PA, TX, VA, WA
W2010	Integrated Approach to Enhance Efficiency of Feed Utilization in Beef Production Systems Admin Advisors: [Bret W. Hess] NIFA Reps: [Steve Smith]	Start: 10/01/2013 Revision/End: 09/30/2018	AL, CA, CO, IA, ID, IL, KY, MO, MS, MT, NC, NE, NV, OH, OK, SD, TN, TX, WY
W2012	Enhancing management, production, and sustainability of grazing ruminants in extensive landscapes Admin Advisors: [Bret W. Hess] NIFA Reps: [Charlotte Baer]	Start: 10/01/2014 Revision/End: 09/30/2019	AZ, CA, ID, MO, MT, ND, NE, NM, NV, OR, SD, TN, UT, WA, WY
W3002	Nutrient Bioavailability--Phytonutrients and Beyond Admin Advisors: [Milan Shipka] NIFA Reps: [Deirdra N Chester]	Start: 10/01/2013 Revision/End: 09/30/2018	AZ, CA, CT, IA, IL, IN, KS, MA, ME, MO, MT, NE, NJ, OH, OK, OR, PA
W3003	Parental practices supporting positive eating behaviors during independent eating occasions among early adolescent children Admin Advisors: [Sarah Lupis] NIFA Reps: [Jane Clary]	Start: 10/01/2014 Revision/End: 09/30/2019	AZ, CT, DC, GA, HI, IA, IN, KS, MN, OH, OR, WY
W3004	Marketing, Trade, and Management of Aquaculture and Fishery Resources Admin Advisors: [David C. Thompson] [John R Talbott] NIFA Reps: [Gene W Kim]	Start: 10/01/2014 Revision/End: 09/30/2019	AK, AL, CT, FL, GU, HI, IA, ID, IN, LA, MN, MS, OR, RI, SC
W3005	Developing synergistic approaches to healthy weight in childhood through positive relationships, diet quality and physical activity Admin Advisors: [Jinzeng Yang] NIFA Reps: [Jane Clary]	Start: 10/01/2017 Revision/End: 09/30/2022	AZ, IL, KY, MS, NJ, NV, OH, OK, OR, PA, WI, WY
W3008	Integrated Onion Pest and Disease Management Admin Advisors: [Steven Loring] NIFA Reps: [Rubella S Goswami]	Start: 10/01/2017 Revision/End: 09/30/2022	CA, CO, GA, ID, NM, NSW, NY, OR, PA, TX, UT, WA

W3009	Integrated Systems Research and Development in Automation and Sensors for Sustainability of Specialty Crops Admin Advisors: [Qin Zhang] [Scot H Hulbert] NIFA Reps: [Steven Thomson]	Start: 10/01/2018 Revision/End: 09/30/2023	AZ, CA, CO, FL, IA, KY, MI, MS, PA, VA, WA
W3045	Agrochemical Impacts On Human And Environmental Health: Mechanisms And Mitigation Admin Advisors: [Chris A Pritsos] NIFA Reps: [Herbert Bolton]	Start: 10/01/2015 Revision/End: 09/30/2020	CA, CT, FL, HI, IA, IL, IN, LA, MA, MI, MN, MO, MT, NE, NJ, NV, NY, OH, OR, WA
W3112	Reproductive Performance in Domestic Ruminants Admin Advisors: [Milan Shipka] NIFA Reps: [Mark Mirando]	Start: 10/01/2016 Revision/End: 09/30/2021	AK, AR, AZ, CA, CO, CT, ID, IL, KS, MI, MO, MS, MT, ND, NE, NM, NV, OR, PA, TN, TX, UT, WA, WY
W3128	Scaling Microirrigation Technologies to Address the Global Water Challenge Admin Advisors: [Steven Loring] NIFA Reps: [Bradley Rein]	Start: 10/01/2014 Revision/End: 09/30/2019	AL, AZ, CA, CO, FL, GA, IA, ID, KS, MS, NE, NM, NY, OH, OK, OR, PR, TN, TX, UT, VI, WA
W3147	Managing Plant Microbe Interactions in Soil to Promote Sustainable Agriculture Admin Advisors: [Laura Lavine] NIFA Reps: [Nancy Cavallaro]	Start: 10/01/2013 Revision/End: 09/30/2018	AK, CA, DE, GA, IL, KS, MD, ME, MN, MS, MT, NE, NH, NJ, NM, NY, OK, OR, TX, VA, WA, WI
W3150	Breeding Common Bean (<i>Phaseolus vulgaris</i> L.) for Resistance to Abiotic and Biotic Stresses, Sustainable Production, and Enhanced Nutritional Admin Advisors: [Scot H Hulbert] NIFA Reps: [AnnMarie Thro] [Liang-Shiou Lin]	Start: 10/01/2015 Revision/End: 09/30/2020	AK, CA, CO, GA, IA, ID, MI, MN, MS, ND, NE, NY, OR, PR, WA, WI, WY
W3168	Environmental and Genetic Determinants of Seed Quality and Performance Admin Advisors: [Paul G. Johnson] [Chris Davies] NIFA Reps: [Liang-Shiou Lin] [Mathieu Ngouajio]	Start: 10/01/2014 Revision/End: 09/30/2019	AZ, CA, FL, IA, KY, LA, MI, MS, MT, NY, OH, OK, OR, SD, TX, VA, WA
W3170	Beneficial Reuse of Residuals and Reclaimed Water: Impact on Soil Ecosystem and Human Health (formerly W2170) Admin Advisors: [Eugene Kelly] NIFA Reps: [Jim Dobrowolski]	Start: 10/01/2014 Revision/End: 09/30/2019	AZ, CA, CO, FL, GA, HI, IN, KS, KY, MA, MI, MN, MT, NM, NY, OH, OR, PA, TN, TX, VA, WA, WI, WY
W3171	Germ Cell and Embryo Development and Manipulation for the Improvement of Livestock Admin Advisors: [Milan Shipka] NIFA Reps: [Mark Mirando] [Adele M Turzillo]	Start: 10/01/2014 Revision/End: 09/30/2019	AR, CA, CO, CT, IA, IL, LA, MD, MI, MO, MS, MT, NE, OR, TX, UT, VA
W3173	Impacts of Stress Factors on Performance, Health, and Well-Being of Farm Animals (from W2173) Admin Advisors: [William Payne] NIFA Reps: [Peter J Johnson]	Start: 10/01/2016 Revision/End: 09/30/2021	AL, AZ, CA, CO, FL, GA, HI, IL, KS, KY, MN, MO, MS, MT, NC, NE, NM, NY, PA, PR, RI, TN, VA, VI, WA, WI

W3186	Variability, Adaptation, and Management of Nematodes Impacting Crop Production and Trade Admin Advisors: [David C. Thompson] [Joyce Loper] NIFA Reps: [Mary F Purcell]	Start: 10/01/2013 Revision/End: 09/30/2018	AL, AR, CA, HI, ID, MI, MS, NC, NE, NM, OR, WA
W3188	Soil, Water, and Environmental Physics Across Scales Admin Advisors: [Steven Loring] NIFA Reps: [Nancy Cavallaro]	Start: 10/01/2014 Revision/End: 09/30/2019	AZ, CA, CO, DE, GA, IA, ID, KY, MI, MN, MT, NC, ND, NM, NV, OK, OR, PA, TN, TX, UT, VA, WA, WI, WY
W3190	Management and Policy Challenges in a Water-Scarce World Admin Advisors: [Glenda Humiston] NIFA Reps: [Fen C. Hunt]	Start: 10/01/2014 Revision/End: 09/30/2019	AR, AZ, CA, CO, FL, GA, ID, IN, KS, KY, LA, MI, MN, MO, ND, NE, NM, NV, OR, RI, TX, UT, VA, WA, WY
W3191	Elder Financial Exploitation: Family Risk and Protective Factors Admin Advisors: [David C Campbell] NIFA Reps: [Toija Riggins]	Start: 10/01/2017 Revision/End: 09/30/2022	IA, MN, SD, VA, WA, WI, WY
W4001	Social, Economic and Environmental Causes and Consequences of Demographic Change in Rural America Admin Advisors: [Lou Swanson] NIFA Reps: [R. Brent Elrod]	Start: 10/01/2017 Revision/End: 09/30/2022	AL, CT, IL, KS, MI, MN, MO, MS, NH, NY, OH, OR, PA, TX, UT, WA, WI
W4122	Beneficial and Adverse Effects of Natural Chemicals on Human Health and Food Safety Admin Advisors: [Chris A Pritsos] NIFA Reps: [Jane Clary]	Start: 10/01/2017 Revision/End: 09/30/2022	AZ, CA, CO, HI, IA, IL, IN, MI, MN, NE, NJ, NM, OR, TX, UT, VT, WA, WI
W4133	Costs and Benefits of Natural Resources on Public and Private Lands: Management, Economic Valuation, and Integrated Decision-Making Admin Advisors: [John A. Tanaka] NIFA Reps: [Michael Bowers]	Start: 10/01/2017 Revision/End: 09/30/2022	AR, AZ, CA, CO, CT, FL, GA, IA, IL, IN, LA, ME, MI, MS, MT, NC, ND, NE, OH, OR, PA, RI, TN, UT, VA, VT, WA, WY
W4147	Managing Plant Microbe Interactions in Soil to Promote Sustainable Agriculture Admin Advisors: [Laura Lavine] NIFA Reps: [Nancy Cavallaro]	Start: 10/01/2018 Revision/End: 09/30/2023	CA, DE, KS, ME, MN, MS, NE, NH, NJ, NY, OK, OR, VA, WA, WI
W4177	Enhancing the Competitiveness and Value of U.S. Beef Admin Advisors: [Bret W. Hess] NIFA Reps: [Wesley R Dean]	Start: 10/01/2017 Revision/End: 09/30/2022	CA, CO, FL, GA, ID, IN, KS, KY, LA, MI, MS, MT, ND, NE, NV, TN, WA
W4185	Biological Control in Pest Management Systems of Plants Admin Advisors: [David C. Thompson] [Laura Lavine] NIFA Reps: [Robert M. Nowierski]	Start: 10/01/2017 Revision/End: 09/30/2022	AZ, CA, CO, FL, GU, HI, ID, KS, MN, MT, NM, NY, OR, UT, VT, WA, WY
W4186	Variability, Adaptation and Management of Nematodes Impacting Crop Production and Trade Admin Advisors: [Joyce Loper] NIFA Reps: [Tesfamariam M Mengistu]	Start: 10/01/2018 Revision/End: 09/30/2023	AL, CA, HI, ID, MI, MS, NE, NM, OR, WA

WCC1003	Coordination of Western Regional Extension Forestry Activities Admin Advisors: [Scott Reed] NIFA Reps:	Start: 10/01/2014 Revision/End: 09/30/2019	AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA
WDC39	Improving Safety and Health of Wildland Firefighters Through Personal Protective Clothing Admin Advisors: [Sonya S Meyer] NIFA Reps:	Start: 10/01/2017 Revision/End: 09/30/2018	FL, GA, IA, ID, KY, LA, NC, NY
WDC40	Endangered Species Science and Policy Admin Advisors: [John A. Tanaka] [Terry Messmer] NIFA Reps:	Start: 04/01/2017 Revision/End: 09/30/2018	CA, ID, MT, NM, NV, OR, UT, WY
WDC41	Understanding Recruitment and Retention in the 4H Club Program Admin Advisors: [Wendy Powers] NIFA Reps: [Douglas Swanson]	Start: 07/05/2017 Revision/End: 09/30/2018	CA, ID, NJ
WERA1	Coordinating Beef Cattle Breeding Research and Education Programs for the Western States Admin Advisors: [Bret W. Hess] NIFA Reps:	Start: 10/01/2013 Revision/End: 09/30/2018	AK, AZ, CO, MT, ND, SD, TX, WA
WERA11	Western Regional Turfgrass Research Admin Advisors: [Paul G. Johnson] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	AZ, CA, CO, HI, IA, NE, UT, WA
WERA20	Virus and Virus-Like Diseases of Berries, Fruit and Nut Trees, and Grapevines. Admin Advisors: [Hanu Pappu] [Scot H Hulbert] NIFA Reps: [Rubella S Goswami] [Ann Lichens-Park]	Start: 10/01/2016 Revision/End: 09/30/2021	AR, CA, HI, IA, ID, IN, MI, MN, NC, NY, PA, SC, WA
WERA27	Potato Variety Development Admin Advisors: [Mark McGuire] NIFA Reps:	Start: 10/01/2015 Revision/End: 09/30/2020	CO, IA, ID, MN, OR, WA
WERA72	Agribusiness Scholarship Emphasizing Competitiveness Admin Advisors: [Glen Whipple] NIFA Reps:	Start: 10/01/2014 Revision/End: 09/30/2019	CA, CO, FL, GA, ID, IN, KS, KY, LA, MI, MN, MO, ND, NE, OR, SK, TX, UT
WERA77	Managing Invasive Weeds in Wheat Admin Advisors: [Scot H Hulbert] NIFA Reps:	Start: 10/01/2014 Revision/End: 09/30/2019	CO, ID, KS, MT, NE, OR, TX, UT, WA, WY
WERA89	Potato Virus and Virus-Like Disease Management Admin Advisors: [Mark McGuire] NIFA Reps: [Rubella S Goswami] [Ann Lichens-Park]	Start: 10/01/2016 Revision/End: 09/30/2021	CO, ID, MT, ND, OR, WA, WI

WERA97	Diseases of Cereals Admin Advisors: [Michael Giroux] NIFA Reps: [Rubella S Goswami]	Start: 10/01/2015 Revision/End: 09/30/2020	KY, MN, MT, OR, UT, WA
WERA102	Climate Data and Analyses for Applications in Agriculture and Natural Resources Admin Advisors: [Edward C Martin] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	AL, AZ, CA, CO, IL, KY, NM, NV, OK, OR, VA
WERA103	Nutrient Management and Water Quality Admin Advisors: [Richard Koenig] NIFA Reps:	Start: 10/01/2015 Revision/End: 09/30/2020	AZ, CA, CO, HI, ID, IL, MN, MT, NM, OR, Saskatchewan, TN, UT, WA, WY
WERA1007	Curtovirus Biology, Transmission, Ecology, and Management Admin Advisors: [Steven Loring] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	GA, ID, NM, UT, WA
WERA1008	Rangelands West Admin Advisors: [John A. Tanaka] [Bret W. Hess] NIFA Reps:	Start: 10/01/2016 Revision/End: 09/30/2021	AZ, CO, HI, ID, KS, ND, UT, WA, WY
WERA1010	Improving Data Quality from Sample Surveys to foster Agricultural and Community Development in Rural America Admin Advisors: [Lou Swanson] NIFA Reps:	Start: 10/01/2018 Revision/End: 09/30/2023	AR, FL, IL, MO, MT, OR, TX, UT, WA
WERA1010	Improving Data Quality from Sample Surveys to foster Agricultural, Community and Development in Rural America Admin Advisors: [Lou Swanson] NIFA Reps: [Toija Riggins]	Start: 10/01/2013 Revision/End: 09/30/2018	AR, AZ, FL, GA, IA, IL, MO, MT, OR, TX, UT, WA
WERA1012	Managing and Utilizing Precipitation Observations from Volunteer Networks Admin Advisors: [H. Michael Harrington] NIFA Reps: [James Kahler]	Start: 10/01/2013 Revision/End: 09/30/2018	AZ, CO, FL, IL, KS, LA, MO, NC, ND, NE, NH, NJ, NM, OR, TX, UT, WY
WERA1013	Intermountain Regional Evaluation and Introduction of Native Plants Admin Advisors: [Bret W. Hess] NIFA Reps: [Thomas A. Bewick]	Start: 10/01/2013 Revision/End: 09/30/2018	AZ, CO, IA, ID, MT, NM, NV, OR, TX, UT, WA, WY
WERA1014	Intensive Pasture Management for Sustainable Livestock Production in the Western US Admin Advisors: [Charles C. Boyer] NIFA Reps:	Start: 10/01/2013 Revision/End: 09/30/2018	CO, ID, MT, ND, NV, OR, SD, UT, WA, WY
WERA1015	Developing the US National Virtual Herbarium Admin Advisors: [Dan Edge] NIFA Reps:	Start: 10/01/2014 Revision/End: 09/30/2019	AL, AR, CA, CO, CT, DE, IA, ID, IL, IN, KS, La, MI, MN, MO, NC, NH, NJ, OH, OK, OR, RI, SD, TX, UT, VT, WA, WI, WV

WERA1017	Coordination of Integrated Pest Management Research and Extension/Educational Programs for the Western States and Pacific Basin Territories Admin Advisors: [Laura Lavine] NIFA Reps: [Rubella S Goswami] [Herbert Bolton]	Start: 10/01/2016 Revision/End: 09/30/2021	AZ, CA, CO, GU, HI, ID, MT, NM, OR, UT, WA, WY
WERA1021	Spotted Wing Drosophila Biology, Ecology, and Management Admin Advisors: [Laura Lavine] NIFA Reps:	Start: 10/01/2017 Revision/End: 09/30/2022	AR, CA, FL, GA, ID, MA, MD, MI, MN, NC, NJ, NY, OH, OR, UT, VA, WA, WI
WERA1022	Meteorological and Climate Data to Support ET-Based Irrigation Scheduling, Water Conservation, and Water Resources Management (from WDC18) Admin Advisors: [Edward C Martin] NIFA Reps:	Start: 10/01/2017 Revision/End: 09/30/2022	CA, CO, FL, IA, KS, LA, MN, MO, MT, NE, OH, OK, TX, UT, WA, WY
