



United States Department of Agriculture

Farm Bill Section 10201 FY13 Spending Plan

March 27, 2013



Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
Alabama					
1S: Survey	1S.0086.00	Honey Bee National Survey - AL	AL	State Gov't	\$18,500
1S: Survey	1S.0535.01	<i>Phytophthora ramorum</i> National Survey - AL	AL	State Gov't	\$50,000
					\$68,500
Alaska					
1S: Survey	1S.0391.00	Asian Defoliating Moth National Survey - AK	AK	State Gov't	\$60,000
1S: Survey	1S.0395.00	Thrips Associated With Peony In Alaska - AK	AK	State Gov't	\$19,000
5 Conduct Outreach & Education	5.0507.00	Toghotthele Potato Disease Mitigation Project	AK	Tribe	\$26,600
					\$105,600
Arizona					
1S: Survey	1S.0085.00	Nut Pest Survey - AZ	AZ	State Gov't	\$50,000
1S: Survey	1S.0098.00	Date Palm Pest Survey - AZ	AZ	State Gov't	\$50,000
1S: Survey	1S.0365.01	Khapra Beetle National Survey - AZ	AZ	State Gov't	\$20,000
					\$120,000
Arkansas					
1S: Survey	1S.0096.00	Honey Bee National Survey - AR	AR	State Gov't	\$15,000
1S: Survey	1S.0099.00	Walnut Twig Borer/Thousand Cankers Disease Survey - AR	AR	State Gov't	\$13,125
4: Safeguard Nursery Production	4.0440.00	National Nursery Certification for Caneberries and Blueberries - Pilot Study Development	AR	Academia	\$66,000
					\$94,125

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
California					
1A: Enhanced Analysis	1A.0068.02	Enhanced Plant Pest/Disease Analysis of the National Plant Diagnostic Network Repository.	CA	Academia	\$13,000
1A: Enhanced Analysis	1A.0269.02	Data Acquisition, Integration, and Archival Tools for Risk Analysis and Decision Support	CA	Academia	\$33,000
1A: Enhanced Analysis	1A.0389.01	Early Detection: Stochastic Modeling and the Design of Early Detection Survey Methodologies and Resource Estimators	CA	Non-Profit	\$130,000
1S: Survey	1S.0365.02	Khapra Beetle National Survey - CA	CA	State Gov't	\$130,000
1S: Survey	1S.0398.00	Asian Defoliating Moth National Survey - CA	CA	State Gov't	\$174,810
1S: Survey	1S.0452.00	Enhanced Exotic Pests Surveys - CA	CA	State Gov't	\$6,300,000
1S: Survey	1S.0461.00	Exotic Fruit Fly Survey - CA	CA	State Gov't	\$2,000,000
1S: Survey	1S.0463.00	Citrus Commodity Survey - CA	CA	State Gov't	\$405,244
1S: Survey	1S.0480.00	Exotic Wood Boring and Bark Beetle Survey - CA	CA	State Gov't	\$125,000
1S: Survey	1S.0496.00	Stone Fruit Commodity National Survey - CA	CA	State Gov't	\$120,000
2: Target Domestic Inspection	2.0457.00	California Detector Dog Team Program	CA	State Gov't	\$3,000,000
3: Enhance Pest ID & Technology	3.0338.00	<i>Tuta absoluta</i> Sex Pheromone Detection and Management Tools	CA	Private	\$210,000
3: Enhance Pest ID & Technology	3.0385.05	Priority Research & Development for Citrus Health Response Program Pests	CA	Non-Profit	\$100,000
3: Enhance Pest ID & Technology	3.0475.01	Determine Field Longevity in Traps and in MAT in California of a Methyl Eugenol Alternative	CA	State Gov't	\$91,148

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
3: Enhance Pest ID & Technology	3.0485.00	Enhancing Taxonomic and Molecular Diagnostics Capacity for Fruit Flies	CA	State Gov't	\$138,105
4: Safeguard Nursery Production	4.0156.02	National Ornamentals Research Site at Dominican University of California (NORS DUC)	CA	Academia	\$400,000
4: Safeguard Nursery Production	4.0156.03	National Ornamentals Research Site at Dominican University of California (NORS DUC)	CA	Non-APHIS Federal	\$35,000
4: Safeguard Nursery Production	4.0156.04	National Ornamentals Research Site at Dominican University of California (NORS DUC)	CA	Academia	\$35,000
4: Safeguard Nursery Production	4.0328.00	Survey & Documentation of Best Management Practices Used in Ornamental Nurseries	CA	State Gov't	\$40,000
4: Safeguard Nursery Production	4.0359.00	Management of <i>Phytophthora</i> Species in Nursery Crops Using Polyacrylamide (PAM)	CA	Academia	\$60,000
4: Safeguard Nursery Production	4.0499.00	National Ornamental Research Site at Dominican University: Oversight, Liaison, and Green Technology Transfer	CA	State Gov't	\$50,000
5 Conduct Outreach & Education	5.0265.00	Polyphagous Shot Hole Borer/Fusarium Dieback: Producer And Consumer Education in California	CA	Non-Profit	\$110,500
5 Conduct Outreach & Education	5.0420.02	Evaluated, Improved, and Expanded Collaborative First Detector Training for Florida, California, and New York	CA	Academia	\$73,636
5 Conduct Outreach & Education	5.0495.03	Expanded Diagnostic Resources for First Detector Training and Outreach	CA	Academia	\$14,118
6: Enhance Mitigation Capabilities	6.0469.00	Regional Strategic Systems for Early Detection of Invasive Species	CA	State Gov't	\$216,194
					\$14,004,755
Colorado					
1S: Survey	1S.0365.03	Khapra Beetle National Survey - CO	CO	State Gov't	\$5,000
1S: Survey	1S.0437.00	Grape Commodity National Survey - CO	CO	State Gov't	\$17,241
3: Enhance Pest ID & Technology	3.0177.00	Developing Lepidoptera Screening Aids for CAPS	CO	Academia	\$93,976

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
5 Conduct Outreach & Education	5.0564.00	National Tribal Plant Health Emergency Exercises	CO	Tribe	\$100,000
6: Enhance Mitigation Capabilities	6.0559.02	Decontamination of Field Equipment Using Portable Pressure Washers and Oxidant Disinfectants	CO	Academia	\$60,000
					\$276,217
Connecticut					
5 Conduct Outreach & Education	5.0239.00	Forest Pest Outreach - CT	CT	State Gov't	\$37,500
					\$37,500
Delaware					
1S: Survey	1S.0535.02	<i>Phytophthora ramorum</i> National Survey - DE	DE	State Gov't	\$5,000
3: Enhance Pest ID & Technology	3.0272.00	Eastern Regional Taxonomic ID Training - DE	DE	State Gov't	\$1,500
3: Enhance Pest ID & Technology	3.0378.02	Incorporation of the Standard Scientific Name for Fungi into National Regulatory and Extension Databases	DE	Academia	\$119,994
5 Conduct Outreach & Education	5.0254.00	Forest Pest Outreach - DE	DE	State Gov't	\$37,500
6: Enhance Mitigation Capabilities	6.0267.02	Brown Marmorated Stink Bug (BMSB) Biological Control	DE	Academia	\$76,000
					\$239,994
Florida					
1S: Survey	1S.0291.00	Honey Bee National Survey - FL	FL	State Gov't	\$12,761
1S: Survey	1S.0365.04	Khapra Beetle National Survey - FL	FL	State Gov't	\$20,000
1S: Survey	1S.0366.00	Exotic Psyllids and Liberibacter Species Survey - FL	FL	State Gov't	\$80,000
1S: Survey	1S.0418.00	Gladiolus Rust Survey - FL	FL	State Gov't	\$40,000

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
1S: Survey	1S.0505.00	Tomato Commodity National Survey - FL	FL	State Gov't	\$113,400
1S: Survey	1S.0535.03	<i>Phytophthora ramorum</i> National Survey - FL	FL	State Gov't	\$15,000
2: Target Domestic Inspection	2.0247.00	Canine Detection of Citrus Greening and Canker	FL	Non-APHIS Federal	\$119,260
2: Target Domestic Inspection	2.0358.00	Florida Detector Dog Teams	FL	State Gov't	\$689,400
2: Target Domestic Inspection	2.0363.00	Plant Pest Survey and Inspection of Foreign and Domestic Imports in High Risk Areas of Florida	FL	State Gov't	\$200,000
2: Target Domestic Inspection	2.0514.00	Enhanced Pest Detection at High Risk Domestic Interdiction Sites and Marina/Canals Systems	FL	State Gov't	\$596,298
3: Enhance Pest ID & Technology	3.0190.02	Rapid and Accurate Diagnostic Identification of Phytoplasmas	FL	Academia	\$42,900
3: Enhance Pest ID & Technology	3.0385.02	Priority Research & Development for Citrus Health Response Program Pests	FL	Private	\$182,441
3: Enhance Pest ID & Technology	3.0385.04	Priority Research & Development for Citrus Health Response Program Pests	FL	Academic	\$154,259
3: Enhance Pest ID & Technology	3.0386.00	Enhancement of Fruit Fly Larvae Identification and Taxonomy	FL	State Gov't	\$200,000
5 Conduct Outreach & Education	5.0023.00	Traveler's Don't Pack A Pest Outreach Program	FL	State Gov't	\$300,000
5 Conduct Outreach & Education	5.0420.01	Evaluated, Improved, and Expanded Collaborative First Detector Training for Florida, California, and New York	FL	Academia	\$51,509
5 Conduct Outreach & Education	5.0495.02	Expanded Diagnostic Resources for First Detector Training and Outreach	FL	Academia	\$40,194
6: Enhance Mitigation Capabilities	6.0208.02	Enhanced Mitigation Techniques for Control of <i>Cactoblastis cactorum</i>	FL	State Gov't	\$193,500
6: Enhance Mitigation Capabilities	6.0267.04	Brown Marmorated Stink Bug (BMSB) Biological Control	FL	State Gov't	\$138,860

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
6: Enhance Mitigation Capabilities	6.0393.00	Giant African Land Snail Mitigation	FL	State Gov't	\$2,100,000
6: Enhance Mitigation Capabilities	6.0511.00	Enhanced Mitigation Techniques for Control of Several Exotic Whitefly Species	FL	State Gov't	\$245,483
6: Enhance Mitigation Capabilities	6.0540.00	Redbay Ambrosia Beetle / Laurel Wilt Mitigation Protection of Avocado Production	FL	State Gov't	\$460,333
					\$5,995,598
Georgia					
1A: Enhanced Analysis	1A.0269.03	Data Acquisition, Integration, and Archival Tools for Risk Analysis and Decision Support	GA	Academia	\$10,000
1S: Survey	1S.0051.00	Tomato Commodity National Survey - GA	GA	State Gov't	\$60,000
1S: Survey	1S.0052.00	Stone Fruit Commodity National Survey - GA	GA	State Gov't	\$85,000
1S: Survey	1S.0138.00	Honey Bee National Survey - GA	GA	State Gov't	\$25,000
1S: Survey	1S.0365.05	Khapra Beetle National Survey - GA	GA	State Gov't	\$20,000
1S: Survey	1S.0535.04	<i>Phytophthora ramorum</i> National Survey - GA	GA	State Gov't	\$65,000
5 Conduct Outreach & Education	5.0495.04	Expanded Diagnostic Resources for First Detector Training and Outreach	GA	Academia	\$10,000
					\$275,000
Guam					
1S: Survey	1S.0453.00	Honey Bee National Survey - GU	GU	Academia	\$24,926
2: Target Domestic Inspection	2.0166.00	Guam Customs Biosecurity Initiative	GU	State Gov't	\$100,000
6: Enhance Mitigation Capabilities	6.0048.00	Invasive Species Prevention and Management in the Northern Mariana Islands	GU	Academia	\$70,000

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
6: Enhance Mitigation Capabilities	6.0250.00	Guam Coconut Rhinoceros Beetle Eradication Program	GU	State Gov't	\$180,000
					\$374,926
Hawaii					
1S: Survey	1S.0081.00	Honey Bee National Survey - HI	HI	Academia	\$25,000
2: Target Domestic Inspection	2.0031.00	Hawaii Pre-Clearance X-Ray Support	HI	APHIS	\$222,334
3: Enhance Pest ID & Technology	3.0324.01	Diagnostic Resources to Support Fruit Fly Exclusion and Eradication	HI	Non-APHIS Federal	\$149,500
3: Enhance Pest ID & Technology	3.0324.02	Diagnostic Resources to Support Fruit Fly Exclusion and Eradication	HI	Academia	\$150,500
3: Enhance Pest ID & Technology	3.0475.02	Determine Field Longevity in Traps and in MAT in California of a Methyl Eugenol Alternative	HI	Non-APHIS Federal	\$128,460
4: Safeguard Nursery Production	4.0203.00	Systems Approach to Pest Management Practices Production of Potted Nursery Plants-Phase III	HI	State Gov't	\$240,000
5 Conduct Outreach & Education	5.0205.00	Slowing the Spread of Invasive Ants by Educating Small Scale Plant Vendors	HI	Academia	\$41,714
6: Enhance Mitigation Capabilities	6.0038.00	Mitigation of Honey Bee Pests in Hawaii	HI	State Gov't	\$83,840
					\$1,041,348
Idaho					
1S: Survey	1S.0543.00	Exotic Wood Boring and Bark Beetle Survey - ID	ID	State Gov't	\$24,138
4: Safeguard Nursery Production	4.0421.00	National Harmonized Systems Approach to Nursery Certification	ID	State Gov't	\$185,000
6: Enhance Mitigation Capabilities	6.0197.00	Idaho Pale Cyst Nematode Containment	ID	Non-Profit	\$43,371
6: Enhance Mitigation Capabilities	6.0198.00	Idaho Pale Cyst Nematode Containment	ID	Non-Profit	\$52,090

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
6: Enhance Mitigation Capabilities	6.0206.00	Nez Perce Tribe Biocontrol Project: Noxious/Invasive Weeds Survey and Control	ID	Tribe	\$298,707
6: Enhance Mitigation Capabilities	6.0228.00	Non-Fumigant Nematicidal Strategies for <i>Globodera</i> Eradication	ID	Academia	\$210,000
6: Enhance Mitigation Capabilities	6.0431.00	Immunity to Potato Cyst Nematodes	ID	Academia	\$210,000
					\$1,023,306
Illinois					
1S: Survey	1S.0080.00	Honey Bee National Survey - IL	IL	State Gov't	\$10,986
1S: Survey	1S.0195.00	Walnut Twig Borer/Thousand Cankers Disease Survey - IL	IL	State Gov't	\$15,000
3: Enhance Pest ID & Technology	3.0450.00	Enhancing Plantsearch to Help APHIS Predict and Prevent Invasive Plants and Plant Pests	IL	Private	\$45,000
5 Conduct Outreach & Education	5.0424.00	Forest Pest Outreach - IL	IL	Non-Profit	\$59,000
					\$129,986
Indiana					
1A: Enhanced Analysis	1A.0068.01	Enhanced Plant Pest/Disease Analysis of the National Plant Diagnostic Network Repository.	IN	Academia	\$20,000
1S: Survey	1S.0063.00	Honey Bee National Survey - IN	IN	State Gov't	\$12,000
1S: Survey	1S.0202.00	Walnut Twig Borer/Thousand Cankers Disease Survey - IN	IN	State Gov't	\$25,000
1S: Survey	1S.0216.00	Asian Longhorned Beetle Survey - IN	IN	State Gov't	\$20,000
1S: Survey	1S.0444.00	Asian Defoliating Moth National Survey - IN	IN	State Gov't	\$9,630
1S: Survey	1S.0535.05	<i>Phytophthora ramorum</i> National Survey - IN	IN	State Gov't	\$15,000

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
2: Target Domestic Inspection	2.0388.00	Notification Online - A Web-Based System to Provide Communication Between Shipping Nurseries and State Plant Regulators	IN	Academia	\$10,052
3: Enhance Pest ID & Technology	3.0378.03	Incorporation of the Standard Scientific Name for Fungi into National Regulatory and Extension Databases	IN	Academia	\$19,800
5 Conduct Outreach & Education	5.0154.00	Enhanced Coordination of Education and Outreach Activities for the Indiana Invasive Species Council	IN	Academia	\$10,000
5 Conduct Outreach & Education	5.0335.00	Forest Pest Outreach And Survey Project (FPOSP)	IN	State Gov't	\$37,280
					\$178,762
Iowa					
1S: Survey	1S.0256.00	Honey Bee National Survey - IA	IA	State Gov't	\$12,500
					\$12,500
Kansas					
1S: Survey	1S.0009.00	Grape Commodity National Survey - KS	KS	State Gov't	\$38,440
1S: Survey	1S.0011.00	Walnut Twig Borer/Thousand Cankers Disease Survey - KS	KS	State Gov't	\$10,000
1S: Survey	1S.0365.06	Khapra Beetle National Survey - KS	KS	State Gov't	\$8,000
3: Enhance Pest ID & Technology	3.0277.01	Screening Traps Using Portable Computer Based Microscopes	KS	State Gov't	\$4,960
3: Enhance Pest ID & Technology	3.0277.02	Screening Traps Using Portable Computer Based Microscopes	KS	State Gov't	\$5,200
					\$66,600
Kentucky					
1S: Survey	1S.0153.00	Orchard Commodity Survey - KY	KY	Academia	\$15,035
1S: Survey	1S.0157.00	Grape Commodity National Survey - KY	KY	Academia	\$12,613

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
1S: Survey	1S.0163.00	Walnut Twig Borer/Thousand Cankers Disease Survey - KY	KY	Academia	\$14,740
1S: Survey	1S.0535.06	<i>Phytophthora ramorum</i> National Survey - KY	KY	State Gov't	\$25,000
5 Conduct Outreach & Education	5.0161.00	Asian Longhorned Beetle (ALB) Outreach in Kentucky	KY	Academia	\$27,481
					\$94,869
Louisiana					
1S: Survey	1S.0124.00	Citrus Commodity Survey - LA	LA	State Gov't	\$36,500
					\$36,500
Maine					
1S: Survey	1S.0551.00	Cyst Nematode Survey - ME	ME	State Gov't	\$48,000
3: Enhance Pest ID & Technology	3.0426.00	Eastern Regional Taxonomic ID Training - ME	ME	State Gov't	\$4,207
5 Conduct Outreach & Education	5.0065.00	Forest Pest Outreach - ME	ME	State Gov't	\$37,500
5 Conduct Outreach & Education	5.0225.00	What Works? Evaluating Forest Pest Outreach Efforts	ME	State Gov't	\$74,951
					\$164,658
Maryland					
1S: Survey	1S.0021.00	Honey Bee National Survey - MD	MD	State Gov't	\$25,000
1S: Survey	1S.0039.00	Stone Fruit Commodity National Survey - MD	MD	State Gov't	\$16,000
1S: Survey	1S.0075.00	Tomato Commodity National Survey - MD	MD	State Gov't	\$15,000
3: Enhance Pest ID & Technology	3.0185.00	Improving Extraction and Identification Methodologies for Plant Pathogenic Nematodes	MD	Non-APHIS Federal	\$34,500

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
3: Enhance Pest ID & Technology	3.0594.00	Integrated Clinical, Research, and Regulatory (ICRR) Internships in Systematics and Diagnostics	MD	Academia	\$120,000
4: Safeguard Nursery Production	4.0156.08	National Ornamentals Research Site at Dominican University of California (NORS DUC)	MD	Non-APHIS Federal	\$35,000
					\$245,500
Massachusetts					
1S: Survey	1S.0365.07	Khapra Beetle National Survey - MA	MA	State Gov't	\$5,000
1S: Survey	1S.0535.07	<i>Phytophthora ramorum</i> National Survey - MA	MA	State Gov't	\$15,000
3: Enhance Pest ID & Technology	3.0279.00	Eastern Regional Taxonomic ID Training - MA	MA	State Gov't	\$11,292
5 Conduct Outreach & Education	5.0329.00	Forest Pest Outreach - MA	MA	State Gov't	\$37,500
					\$68,792
Michigan					
1S: Survey	1S.0040.00	Honey Bee National Survey - MI	MI	State Gov't	\$17,000
1S: Survey	1S.0217.00	Walnut Twig Borer/Thousand Cankers Disease Survey - MI	MI	State Gov't	\$15,000
1S: Survey	1S.0253.00	Apple Commodity Survey - MI	MI	State Gov't	\$30,000
1S: Survey	1S.0278.00	Grape Commodity National Survey - MI	MI	State Gov't	\$30,000
1S: Survey	1S.0287.00	Stone Fruit Commodity National Survey - MI	MI	State Gov't	\$66,000
1S: Survey	1S.0365.08	Khapra Beetle National Survey - MI	MI	State Gov't	\$10,000
1S: Survey	1S.0449.00	Forest Pest Survey - MI	MI	State Gov't	\$85,000

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
1S: Survey	1S.0481.00	Cyst Nematode Survey - MI	MI	State Gov't	\$40,000
1S: Survey	1S.0521.00	Exotic Wood Boring and Bark Beetle Survey (Bay Mills) - MI	MI	Tribe	\$70,205
1S: Survey	1S.0535.08	<i>Phytophthora ramorum</i> National Survey - MI	MI	State Gov't	\$15,000
5 Conduct Outreach & Education	5.0549.00	Targeted Exotic Forest Pest Education Workshops	MI	State Gov't	\$81,000
5 Conduct Outreach & Education	5.0565.00	Pest Outreach Campaign Via QR Codes on Tribal Properties and Lands	MI	Tribe	\$39,031
6: Enhance Mitigation Capabilities	6.0183.00	Pokagon Band Emerald Ash Borer and Fire Blight Mitigation Project	MI	Tribe	\$87,700
6: Enhance Mitigation Capabilities	6.0267.06	Brown Marmorated Stink Bug (BMSB) Biological Control	MI	Academia	\$132,787
					\$718,723
Minnesota					
1A: Enhanced Analysis	1A.0512.00	Asian Gypsy Moth Populations, Phenology, and Pathways	MN	State Gov't	\$71,655
1S: Survey	1S.0317.00	Grape Commodity National Survey - MN	MN	State Gov't	\$24,180
1S: Survey	1S.0326.00	Orchard Commodity Survey - MN	MN	State Gov't	\$24,180
1S: Survey	1S.0365.09	Khapra Beetle National Survey - MN	MN	State Gov't	\$5,000
1S: Survey	1S.0371.00	Survey and Detection of Exotic Pests in Nursery and Ornamental Plants - MN	MN	State Gov't	\$150,000
1S: Survey	1S.0401.00	Cyst Nematode Survey - MN	MN	State Gov't	\$45,263
1S: Survey	1S.0403.00	Honey Bee National Survey - MN	MN	State Gov't	\$18,500

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
1S: Survey	1S.0582.00	Walnut Twig Borer/Thousand Cankers Disease Survey - MN	MN	State Gov't	\$15,000
5 Conduct Outreach & Education	5.0244.00	First Detector Program Expansion and Development	MN	State Gov't	\$28,000
5 Conduct Outreach & Education	5.0372.00	Forest Pest Outreach - MN	MN	State Gov't	\$37,500
					\$419,278
Mississippi					
1S: Survey	1S.0028.00	Honey Bee National Survey - MS	MS	State Gov't	\$18,774
1S: Survey	1S.0365.10	Khapra Beetle National Survey - MS	MS	State Gov't	\$5,000
3: Enhance Pest ID & Technology	3.0158.00	Taxonomic Assistance to Eastern Regional States for Processing Insect Pest Survey Samples	MS	Academia	\$90,000
3: Enhance Pest ID & Technology	3.0532.00	An Electronic Library of Images and Data for Identification of Exotic Species	MS	Academia	\$55,220
6: Enhance Mitigation Capabilities	6.0208.05	Enhanced Mitigation Techniques for Control of <i>Cactoblastis cactorum</i>	MS	Academia	\$15,950
6: Enhance Mitigation Capabilities	6.0267.08	Brown Marmorated Stink Bug (BMSB) Biological Control	MS	Academia	\$40,092
					\$225,036
Missouri					
1S: Survey	1S.0325.00	Walnut Twig Borer/Thousand Cankers Disease Survey - MO	MO	State Gov't	\$25,000
					\$25,000
Montana					
1S: Survey	1S.0016.00	Honey Bee National Survey - MT	MT	State Gov't	\$15,694
1S: Survey	1S.0017.00	Terrestrial Mollusk Survey - MT	MT	State Gov't	\$34,099

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
1S: Survey	1S.0365.11	Khapra Beetle National Survey - MT	MT	State Gov't	\$10,000
1S: Survey	1S.0592.00	Cyst Nematode Survey	MT	State Gov't	\$5,000
5 Conduct Outreach & Education	5.0584.00	Forest Pest Outreach for Outdoor Recreationists	MT	Non-Profit	\$20,205
5 Conduct Outreach & Education	5.0074.00	Provide Tribal Farmers and Ranchers Outreach and Education on Plant Pests of Concern	MT	Tribe	\$95,690
5 Conduct Outreach & Education	5.0146.00	<i>Xerolenta obvia</i> Outreach and Education	MT	State Gov't	\$23,500
6: Enhance Mitigation Capabilities	6.0019.00	<i>Xerolenta obvia</i> Containment and Suppression	MT	State Gov't	\$47,958
					\$252,146
Nebraska					
1S: Survey	1S.0199.00	Walnut Twig Borer/Thousand Cankers Disease Survey - NE	NE	State Gov't	\$10,000
1S: Survey	1S.0204.00	Cyst Nematode Survey - NE	NE	State Gov't	\$38,000
1S: Survey	1S.0365.13	Khapra Beetle National Survey - NE	NE	State Gov't	\$5,000
3: Enhance Pest ID & Technology	3.0337.00	Integration of Molecular Markers for Identification of Nematodes of Regulatory Significance	NE	Academia	\$53,900
					\$106,900
Nevada					
1S: Survey	1S.0043.00	Cyst Nematode Survey - NV	NV	State Gov't	\$32,386
1S: Survey	1S.0047.00	<i>Phytophthora ramorum</i> Survey - NV	NV	State Gov't	\$35,287
1S: Survey	1S.0149.00	Honey Bee National Survey - NV	NV	State Gov't	\$9,720

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
1S: Survey	1S.0365.15	Khapra Beetle National Survey - NV	NV	State Gov't	\$5,000
1S: Survey	1S.0562.00	Exotic Palm Weevil Survey - NV	NV	State Gov't	\$9,816
					\$92,209
New Hampshire					
5 Conduct Outreach & Education	5.0209.00	Forest Pest Outreach - NH	NH	State Gov't	\$37,500
					\$37,500
New Jersey					
1S: Survey	1S.0026.00	Honey Bee National Survey - NJ	NJ	State Gov't	\$12,500
1S: Survey	1S.0103.00	Exotic Buprestid Survey with Cerceris Wasp - NJ	NJ	State Gov't	\$25,000
1S: Survey	1S.0323.00	Walnut Twig Borer/Thousand Cankers Disease Survey - NJ	NJ	State Gov't	\$25,000
1S: Survey	1S.0332.00	Grape Commodity National Survey - NJ	NJ	State Gov't	\$25,000
1S: Survey	1S.0365.14	Khapra Beetle National Survey - NJ	NJ	State Gov't	\$25,000
3: Enhance Pest ID & Technology	3.0376.00	Eastern Regional Taxonomic ID Training - NJ	NJ	State Gov't	\$945
4: Safeguard Nursery Production	4.0182.00	Strategies for Controlling Bacterial Diseases in Citrus Nursery Stock	NJ	Academia	\$55,000
5 Conduct Outreach & Education	5.0356.00	Forest Pest Outreach - NJ	NJ	State Gov't	\$37,500
					\$205,945
New Mexico					
3: Enhance Pest ID & Technology	3.0447.00	Discovery and Validation of Plant Disease Markers	NM	Non-APHIS Federal	\$150,000

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
3: Enhance Pest ID & Technology	3.0464.01	Lateral Flow Microarray Development/Evaluation for Detection of Quarantine Pests	NM	Private	\$100,000
3: Enhance Pest ID & Technology	3.0517.00	Enhancing Capacity for Identification Of <i>Ditylenchus</i> spp. of Regulatory Concern	NM	Academia	\$48,460
					\$298,460
New York					
1S: Survey	1S.0201.00	Honey Bee National Survey - NY	NY	State Gov't	\$20,000
1S: Survey	1S.0423.00	Grape Commodity National Survey - NY	NY	State Gov't	\$75,000
1S: Survey	1S.0441.00	Stone Fruit Commodity National Survey - NY	NY	State Gov't	\$120,000
1S: Survey	1S.0451.00	Orchard Commodity Survey - NY	NY	State Gov't	\$50,000
1S: Survey	1S.0535.09	<i>Phytophthora ramorum</i> National Survey - NY	NY	State Gov't	\$20,000
1S: Survey	1S.0567.00	Tomato Commodity National Survey - NY	NY	State Gov't	\$30,000
2: Target Domestic Inspection	2.0121.00	Distribution Center and Warehouse Domestic Inspection Program	NY	State Gov't	\$157,593
4: Safeguard Nursery Production	4.0259.00	Reinstating a Grape Certification Program in New York	NY	State Gov't	\$133,000
5 Conduct Outreach & Education	5.0246.00	Forest Pest Outreach: Engaging Youth and Tree Industry Professionals	NY	State Gov't	\$37,500
5 Conduct Outreach & Education	5.0420.03	Evaluated, Improved, and Expanded Collaborative First Detector Training for Florida, California, and New York	NY	Academia	\$49,855
5 Conduct Outreach & Education	5.0495.01	Expanded Diagnostic Resources for First Detector Training and Outreach	NY	Academia	\$43,708
6: Enhance Mitigation Capabilities	6.0082.00	Deregulation and Enhanced Regulatory Activities of Golden Nematode (<i>Globodera rostochiensis</i>) In NY	NY	State Gov't	\$92,500

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
6: Enhance Mitigation Capabilities	6.0208.06	Enhanced Mitigation Techniques for Control of <i>Cactoblastis cactorum</i>	NY	Academia	\$13,200
6: Enhance Mitigation Capabilities	6.0348.00	Development of Durable and Broad Spectrum Resistance in Potato for Effective Control of <i>Globodera</i> Nematode Pests	NY	Non-APHIS Federal	\$84,388
					\$926,744
North Carolina					
1A: Enhanced Analysis	1A.0269.01	Data Acquisition, Integration, and Archival Tools for Risk Analysis and Decision Support	NC	Academia	\$741,460
1A: Enhanced Analysis	1A.0280.00	Risk Mapping, Analysis and Data Collaboration	NC	Academia	\$111,000
1A: Enhanced Analysis	1A.0321.00	Development and Validation of Objective Pest Prioritization	NC	Academia	\$95,720
1A: Enhanced Analysis	1A.0373.00	Economic Analysis of Control Strategies for Managing Tortricids and Other Pests of Regulatory Significance	NC	Academia	\$62,700
1A: Enhanced Analysis	1A.0389.02	Early Detection: Stochastic Modeling and the Design of Early Detection Survey Methodologies and Resource Estimators	NC	Academia	\$120,000
1S: Survey	1S.0006.00	Grape Commodity National Survey - NC	NC	State Gov't	\$16,000
1S: Survey	1S.0012.00	Tomato Commodity National Survey - NC	NC	State Gov't	\$15,000
1S: Survey	1S.0015.00	Asian Defoliating Moth National Survey - NC	NC	State Gov't	\$8,000
1S: Survey	1S.0044.00	Honey Bee National Survey - NC	NC	State Gov't	\$8,959
1S: Survey	1S.0110.00	Exotic Buprestid Survey with <i>Cerceris</i> Wasp - NC	NC	State Gov't	\$25,000
1S: Survey	1S.0303.00	Walnut Twig Borer/Thousand Cankers Disease Survey - NC	NC	State Gov't	\$25,000
3: Enhance Pest ID & Technology	3.0464.02	Lateral Flow Microarray Development/Evaluation for Detection of Quarantine Pests	NC	Academia	\$30,000

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
5 Conduct Outreach & Education	5.0165.00	Forest Pest Outreach and Survey Project	NC	State Gov't	\$37,500
6: Enhance Mitigation Capabilities	6.0251.00	Asian Citrus Psyllid/Huanglongbing (HLB, Citrus Greening) Field Survey	NC	Academia	\$96,923
6: Enhance Mitigation Capabilities	6.0336.00	Enhancing Exotic Plant Pest Management by Creating New Pest Response Guidelines	NC	Academia	\$211,133
					\$1,604,395
North Dakota					
1S: Survey	1S.0013.00	Honey Bee National Survey - ND	ND	State Gov't	\$8,000
1S: Survey	1S.0014.00	Cyst Nematode Survey - ND	ND	State Gov't	\$50,000
1S: Survey	1S.0365.12	Khapra Beetle National Survey - ND	ND	State Gov't	\$8,000
					\$66,000
Ohio					
1S: Survey	1S.0105.00	Honey Bee National Survey - OH	OH	State Gov't	\$18,000
1S: Survey	1S.0242.00	Walnut Twig Borer/Thousand Cankers Disease Survey - OH	OH	State Gov't	\$25,000
1S: Survey	1S.0535.10	<i>Phytophthora ramorum</i> National Survey - OH	OH	State Gov't	\$15,000
5 Conduct Outreach & Education	5.0151.00	First Detector and Sentinel Plant Network Volunteer Training	OH	Academia	\$42,388
5 Conduct Outreach & Education	5.0597.00	Developing and Teaching Standardized Asian Longhorned Beetle (ALB) Early Detection Certification Training Programs	OH	Academia	\$85,000
					\$185,388
Oklahoma					
3: Enhance Pest ID & Technology	3.0576.00	Simultaneous Detection of Three Genera of Waterborne Plant Viruses and <i>Ralstonia solanacearum</i> R3 B2	OK	Academia	\$50,000

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
					\$50,000
Oregon					
1A: Enhanced Analysis	1A.0587.00	Pathway Analysis	OR	State Gov't	\$48,000
1S: Survey	1S.0127.00	Asian Defoliating Moth National Survey - OR	OR	State Gov't	\$200,000
1S: Survey	1S.0133.00	Honey Bee National Survey - OR	OR	State Gov't	\$20,000
1S: Survey	1S.0134.00	Grape Commodity National Survey - OR	OR	State Gov't	\$75,018
1S: Survey	1S.0135.00	Stone Fruit Commodity National Survey - OR	OR	State Gov't	\$93,854
1S: Survey	1S.0172.00	Exotic Wood Boring and Bark Beetle Survey - OR	OR	State Gov't	\$96,576
3: Enhance Pest ID & Technology	3.0136.00	Regional Identification Center for Bark Beetles	OR	State Gov't	\$120,000
4: Safeguard Nursery Production	4.0046.00	Mitigation of Soilborne <i>Phytophthora ramorum</i> to Prevent Recurrent Nursery Infestations	OR	Academia	\$71,000
4: Safeguard Nursery Production	4.0130.00	Development of a Harmonized National Standard for Certification of Strawberry Nursery Stock	OR	State Gov't	\$69,132
4: Safeguard Nursery Production	4.0156.06	National Ornamentals Research Site at Dominican University of California (NORS DUC)	OR	Academia	\$35,000
4: Safeguard Nursery Production	4.0156.07	National Ornamentals Research Site at Dominican University of California (NORS DUC)	OR	Non-APHIS Federal	\$35,000
6: Enhance Mitigation Capabilities	6.0267.05	Brown Marmorated Stink Bug (BMSB) Biological Control	OR	State Gov't	\$99,417
					\$962,997
Pennsylvania					
1A: Enhanced Analysis	1A.0162.01	Predicting the Cumulative and Ecological Impacts of Exotic Pests and Pathogens on the Eastern US	PA	Academia	\$82,691

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
1A: Enhanced Analysis	1A.0162.02	Predicting the Cumulative and Ecological Impacts of Exotic Pests and Pathogens on the Eastern US	PA	Private	\$72,496
1S: Survey	1S.0069.00	Grape Commodity National Survey - PA	PA	State Gov't	\$30,000
1S: Survey	1S.0070.00	Walnut Twig Borer/Thousand Cankers Disease Survey - PA	PA	State Gov't	\$25,000
1S: Survey	1S.0077.00	Honey Bee National Survey - PA	PA	State Gov't	\$15,000
1S: Survey	1S.0132.00	Tomato Commodity National Survey - PA	PA	State Gov't	\$20,000
1S: Survey	1S.0365.16	Khapra Beetle National Survey - PA	PA	State Gov't	\$5,000
1S: Survey	1S.0535.11	<i>Phytophthora ramorum</i> National Survey - PA	PA	State Gov't	\$20,000
3: Enhance Pest ID & Technology	3.0191.00	Eastern Regional Taxonomic ID Training - PA	PA	State Gov't	\$1,850
3: Enhance Pest ID & Technology	3.0327.00	Smart Trap/Remote Sensor Development	PA	Academia	\$98,633
3: Enhance Pest ID & Technology	3.0545.00	Specimen Based Facilitation for Identification and Screening of APHIS Priority Pests	PA	Private	\$71,462
4: Safeguard Nursery Production	4.0128.00	Economics of Fruit Tree Nursery Virus Certification Programs	PA	State Gov't	\$40,000
5 Conduct Outreach & Education	5.0274.00	Forest Pest Outreach - PA	PA	State Gov't	\$37,500
					\$519,632
Puerto Rico					
1S: Survey	1S.0344.00	Honey Bee National Survey - PR	PR	State Gov't	\$15,000
6: Enhance Mitigation Capabilities	6.0141.03	Mitigating Invasive Pests In Puerto Rico: A Front Line Initiative for Rapid Response	PR	Academia	\$92,000

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
					\$107,000
Rhode Island					
1S: Survey	1S.0535.12	<i>Phytophthora ramorum</i> National Survey - RI	RI	State Gov't	\$10,000
1S: Survey	1S.0568.00	Orchard Commodity Survey - RI	RI	State Gov't	\$24,816
3: Enhance Pest ID & Technology	3.0422.00	Eastern Regional Taxonomic ID Training - RI	RI	State Gov't	\$6,755
5 Conduct Outreach & Education	5.0107.00	Forest Pest Outreach - RI	RI	State Gov't	\$37,500
					\$79,071
South Carolina					
1S: Survey	1S.0113.00	Honey Bee National Survey - SC	SC	Academia	\$18,000
1S: Survey	1S.0115.00	Stone Fruit Commodity National Survey - SC	SC	Academia	\$27,600
1S: Survey	1S.0569.00	Walnut Twig Borer/Thousand Cankers Disease Survey - SC	SC	Academia	\$15,000
5 Conduct Outreach & Education	5.0522.00	Junior Invasive Inspectors	SC	Academia	\$35,000
					\$95,600
South Dakota					
1S: Survey	1S.0010.00	Honey Bee National Survey - SD	SD	State Gov't	\$9,800
1S: Survey	1S.0365.17	Khapra Beetle National Survey - SD	SD	State Gov't	\$6,779
					\$16,579
Tennessee					
1S: Survey	1S.0102.00	Honey Bee National Survey - TN	TN	State Gov't	\$18,500

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
1S: Survey	1S.0150.00	Tomato Commodity National Survey - TN	TN	Academia	\$15,000
1S: Survey	1S.0535.13	<i>Phytophthora ramorum</i> National Survey - TN	TN	State Gov't	\$50,000
1S: Survey	1S.0538.00	Walnut Twig Borer/Thousand Cankers Disease Survey - TN	TN	State Gov't	\$25,000
2: Target Domestic Inspection	2.0315.03	Assessment of Remote Sensor Technology and Portable Gas Chromatography As an Agricultural Screening Tool	TN	Non-APHIS Federal	\$76,667
5 Conduct Outreach & Education	5.0425.00	Forest Pest Outreach - TN	TN	Academia	\$37,500
					\$222,667
Texas					
1S: Survey	1S.0168.00	Stone Fruit Commodity National Survey - TX	TX	State Gov't	\$63,250
1S: Survey	1S.0232.00	Palm Phytoplasma Survey - TX	TX	Academia	\$63,800
1S: Survey	1S.0535.14	<i>Phytophthora ramorum</i> National Survey - TX	TX	State Gov't	\$25,000
1S: Survey	1S.0546.00	Honey Bee National Survey - TX	TX	Academia	\$25,000
2: Target Domestic Inspection	2.0169.00	Critical Entry Point Monitoring for the Pests of Agricultural Biosecurity Concern	TX	State Gov't	\$1,000,000
5 Conduct Outreach & Education	5.0036.00	Continuation of a Sentinel Network to Detect and Report Invasive Species	TX	Academia	\$45,000
6: Enhance Mitigation Capabilities	6.0528.00	Contributing to HLB Mitigation Efforts in Texas Via Early Detection of Citrus Greening Disease in Residential Areas	TX	Academia	\$120,286
					\$1,342,336
Utah					
1S: Survey	1S.0037.00	Exotic Wood Boring and Bark Beetle Survey - UT	UT	State Gov't	\$25,000

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
1S: Survey	1S.0038.00	Honey Bee National Survey - UT	UT	State Gov't	\$15,000
1S: Survey	1S.0365.18	Khapra Beetle National Survey - UT	UT	State Gov't	\$5,000
1S: Survey	1S.0513.00	Orchard Commodity Survey - UT	UT	Academia	\$35,899
					\$80,899
Vermont					
3: Enhance Pest ID & Technology	3.0357.00	Eastern Regional Taxonomic ID Training - VT	VT	State Gov't	\$891
5 Conduct Outreach & Education	5.0106.00	Forest Pest Outreach - VT	VT	State Gov't	\$37,500
					\$38,391
Virginia					
1S: Survey	1S.0078.00	Walnut Twig Borer/Thousand Cankers Disease Survey - VA	VA	State Gov't	\$25,000
1S: Survey	1S.0083.00	Stone Fruit Commodity National Survey - VA	VA	State Gov't	\$20,000
1S: Survey	1S.0108.00	Grape Commodity National Survey - VA	VA	State Gov't	\$25,800
1S: Survey	1S.0365.19	Khapra Beetle National Survey - VA	VA	State Gov't	\$5,000
1S: Survey	1S.0412.00	Honey Bee National Survey - VA	VA	State Gov't	\$14,145
1S: Survey	1S.0535.15	<i>Phytophthora ramorum</i> National Survey - VA	VA	State Gov't	\$15,000
5 Conduct Outreach & Education	5.0145.00	Don't Move Firewood Campaign: Protecting Forest Health by Preventing Spread of Forest Pests and Pathogens	VA	Non-Profit	\$200,000
					\$304,945

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
Washington					
1A: Enhanced Analysis	1A.0368.00	Economic Assessment of Pest and Disease Outbreaks in Tree Fruit	WA	Academia	\$45,000
1A: Enhanced Analysis	1A.0525.00	Evaluate and Implement a Web Based Application for Sharing Geospatial Data Using Historic Barberry Eradication Records	WA	Academia	\$31,500
1S: Survey	1S.0020.00	Asian Defoliating Moth National Survey - WA	WA	State Gov't	\$200,000
1S: Survey	1S.0022.00	Grape Commodity National Survey - WA	WA	State Gov't	\$75,000
1S: Survey	1S.0375.00	Exotic Wood Boring and Bark Beetle Survey - WA	WA	State Gov't	\$100,000
3: Enhance Pest ID & Technology	3.0226.00	Development of Molecular and Antibody Detection Tools for <i>Rathayibacter toxicus</i>	WA	Academia	\$120,000
3: Enhance Pest ID & Technology	3.0330.00	Western Region Lepidoptera Diagnostic Center (PNW)	WA	State Gov't	\$100,000
4: Safeguard Nursery Production	4.0156.05	National Ornamentals Research Site at Dominican University of California (NORS DUC)	WA	Academia	\$35,000
5 Conduct Outreach & Education	5.0455.00	RAIN (Reaching American Indian Nations) Project	WA	Tribe	\$56,548
5 Conduct Outreach & Education	5.0498.00	Northwest Clean Plant Outreach and Education Campaign	WA	Non-Profit	\$100,000
6: Enhance Mitigation Capabilities	6.0064.00	Sustaining Tribal Forests by Increasing Disease Tolerance	WA	Tribe	\$13,200
6: Enhance Mitigation Capabilities	6.0087.00	Vineyard Snail Eradication in Washington State	WA	State Gov't	\$45,707
6: Enhance Mitigation Capabilities	6.0173.00	Steaming as a Method of Eradicating <i>Phytophthora ramorum</i> and Associated <i>Phytophthora</i> Species in Nursery Field Soil	WA	Academia	\$100,000
6: Enhance Mitigation Capabilities	6.0603.00	Gypsy Moth Eradication	WA	State Gov't	\$250,000
					\$1,271,955

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
West Virginia					
1S: Survey	1S.0186.00	Honey Bee National Survey - WV	WV	State Gov't	\$12,500
1S: Survey	1S.0220.00	Grape Commodity National Survey - WV	WV	State Gov't	\$14,500
1S: Survey	1S.0224.00	Stone Fruit Commodity National Survey - WV	WV	State Gov't	\$30,000
1S: Survey	1S.0535.16	<i>Phytophthora ramorum</i> National Survey - WV	WV	State Gov't	\$25,000
3: Enhance Pest ID & Technology	3.0207.00	Equipment Purchase For WV Department of Agriculture NPPLAP-Accredited Lab	WV	State Gov't	\$6,500
3: Enhance Pest ID & Technology	3.0222.00	Eastern Regional Taxonomic ID Training - WV	WV	State Gov't	\$6,200
5 Conduct Outreach & Education	5.0276.00	West Virginia Camper Education, Outreach, and Data Capture	WV	State Gov't	\$20,000
5 Conduct Outreach & Education	5.0489.00	Forest Pest Outreach - WV	WV	State Gov't	\$16,000
					\$130,700
Wisconsin					
1S: Survey	1S.0109.00	Grape Commodity National Survey - WI	WI	State Gov't	\$17,992
1S: Survey	1S.0120.00	Walnut Twig Borer/Thousand Cankers Disease Survey - WI	WI	State Gov't	\$15,000
1S: Survey	1S.0125.00	Honey Bee National Survey - WI	WI	State Gov't	\$19,075
1S: Survey	1S.0578.00	Cyst Nematode Survey - WI	WI	Academia	\$58,750
5 Conduct Outreach & Education	5.0238.00	Development of a First Detector Network in Wisconsin	WI	Academia	\$64,966

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
5 Conduct Outreach & Education	5.0241.00	WTCAC Farm Bill 10201 Tribal Training & Outreach	WI	Tribe	\$100,000
					\$275,783
Wyoming					
1S: Survey	1S.0365.20	Khapra Beetle National Survey - WY	WY	State Gov't	\$5,000
					\$5,000
National					
1S: Survey	1S.0539.00	Honey Bee National Survey Sample Analysis –MD	National	Academia	\$502,427
1S: Survey	1S.0600.00	Survey Supply	National	APHIS	\$200,000
1S: Survey	1S.0601.00	Intergrated Plant Health Information System (IPHIS)	National	APHIS	\$1,820,000
3: Enhance Pest ID & Technology	3.0117.01	Attraction and Detection of Polyphagous Shot Hole Borer, <i>Euwallacea</i> spp.	National	APHIS	\$70,000
3: Enhance Pest ID & Technology	3.0117.02	Attraction and Detection of Polyphagous Shot Hole Borer, <i>Euwallacea</i> spp. – IL	National	Non-APHIS Federal	\$15,000
3: Enhance Pest ID & Technology	3.0117.03	Attraction and Detection of Polyphagous Shot Hole Borer, <i>Euwallacea</i> spp.	National	Foreign	\$30,000
3: Enhance Pest ID & Technology	3.0119.01	Attraction and Detection of the Fruit Piercing Moth	National	APHIS	\$22,000
3: Enhance Pest ID & Technology	3.0119.02	Attraction and Detection of the Fruit Piercing Moth – PA	National	Academia	\$40,000
3: Enhance Pest ID & Technology	3.0119.03	Attraction and Detection of the Fruit Piercing Moth – HI	National	Non-APHIS Federal	\$20,000
3: Enhance Pest ID & Technology	3.0119.04	Attraction and Detection of the Fruit Piercing Moth	National	Foreign	\$15,000
3: Enhance Pest ID & Technology	3.0155.01	Characterizing Risk Posed by Exotic Lymantrids	National	APHIS	\$13,038

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
3: Enhance Pest ID & Technology	3.0155.02	Characterizing Risk Posed by Exotic Lymantrids	National	Foreign	\$30,030
3: Enhance Pest ID & Technology	3.0155.03	Characterizing Risk Posed by Exotic Lymantrids	National	Foreign	\$56,530
3: Enhance Pest ID & Technology	3.0155.04	Characterizing Risk Posed by Exotic Lymantrids	National	Foreign	\$38,590
3: Enhance Pest ID & Technology	3.0277.03	Screening Traps Using Portable Computer Based Microscopes	National	APHIS	\$14,000
3: Enhance Pest ID & Technology	3.0316.01	Development of Attractants and Improved Trap Designs for Exotic Wood Borers	National	APHIS	\$18,632
3: Enhance Pest ID & Technology	3.0316.02	Development of Attractants and Improved Trap Designs for Exotic Wood Borers – CA	National	Academia	\$96,300
3: Enhance Pest ID & Technology	3.0316.03	Development of Attractants and Improved Trap Designs for Exotic Wood Borers	National	Foreign	\$91,453
3: Enhance Pest ID & Technology	3.0316.04	Development of Attractants and Improved Trap Designs for Exotic Wood Borers – PA	National	Academia	\$140,615
3: Enhance Pest ID & Technology	3.0316.05	Development of Attractants and Improved Trap Designs for Exotic Wood Borers – CA	National	Academia	\$32,882
3: Enhance Pest ID & Technology	3.0316.06	Development of Attractants and Improved Trap Designs for Exotic Wood Borers – TN	National	Academia	\$30,106
3: Enhance Pest ID & Technology	3.0316.07	Development of Attractants and Improved Trap Designs for Exotic Wood Borers	National	Foreign	\$19,800
3: Enhance Pest ID & Technology	3.0316.08	Development of Attractants and Improved Trap Designs for Exotic Wood Borers	National	Foreign	\$22,609
3: Enhance Pest ID & Technology	3.0322.01	Lepidoptera Attractants	National	APHIS	\$13,000
3: Enhance Pest ID & Technology	3.0322.02	Lepidoptera Attractants – WA	National	State Gov't	\$37,000
3: Enhance Pest ID & Technology	3.0322.03	Lepidoptera Attractants	National	Foreign	\$26,000

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
3: Enhance Pest ID & Technology	3.0322.04	Lepidoptera Attractants	National	Foreign	\$15,000
3: Enhance Pest ID & Technology	3.0378.01	Incorporation of the Standard Scientific Name for Fungi into National Regulatory and Extension Databases	National	APHIS	\$6,000
3: Enhance Pest ID & Technology	3.0385.01	Priority Research & Development for Citrus Health Response Program Pests	National	APHIS	\$452,800
3: Enhance Pest ID & Technology	3.0385.03	Priority Research & Development for Citrus Health Response Program Pests	National	APHIS	\$210,500
3: Enhance Pest ID & Technology	3.0544.01	Online Identification Tools to <i>Phytophthora</i> : Lucid Key, Tabular Key and Sequencing Analysis	National	APHIS	\$47,500
3: Enhance Pest ID & Technology	3.0544.02	Online Identification Tools to <i>Phytophthora</i> : Lucid Key, Tabular Key and Sequencing Analysis – MD	National	Academia	\$7,500
3: Enhance Pest ID & Technology	3.0544.03	Online Identification Tools to <i>Phytophthora</i> : Lucid Key, Tabular Key and Sequencing Analysis	National	APHIS	\$2,500
4: Safeguard Nursery Production	4.0057.00	Understanding Environmental Factors for Boxwood Blight Development – NJ	National	Academia	\$299,000
4: Safeguard Nursery Production	4.0159.00	Confirming the Pathogenicity and Host Range of <i>Phytophthora ramorum</i>	National	APHIS	\$30,000
4: Safeguard Nursery Production	4.0236.00	Validating Commercial Formulation of <i>Trichoderma asperellum</i> Against <i>Phytophthora ramorum</i> in Infested Soil – MD	National	Non-APHIS Federal	\$50,000
4: Safeguard Nursery Production	4.0275.00	Audit Training for State and Federal Personnel Plant Pest Management Accreditation Programs	National	APHIS	\$30,000
4: Safeguard Nursery Production	4.0555.00	Assessment of disinfectants for control of <i>Phytophthora ramorum</i>	National	APHIS	\$125,000
5 Conduct Outreach & Education	5.0029.00	Invasive Species Outreach and Education to Protect U.S. Forests, Landscapes, and Ornamental Nurseries – CA	National	Non-APHIS Federal	\$65,732
5 Conduct Outreach & Education	5.0118.00	Sentinel Plant Network – PA	National	Non-Profit	\$363,525
5 Conduct Outreach & Education	5.0139.00	Save Our Citrus Campaign	National	APHIS	\$252,000

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
5 Conduct Outreach & Education	5.0465.00	Protecting Trees in Our Communities and Forests: Invasive Species Outreach For Low Income Youth – CA	National	Non-APHIS Federal	\$23,000
5 Conduct Outreach & Education	5.0585.00	National Invasive Pest Awareness Initiative - Hungry Pests	National	APHIS	\$650,000
6: Enhance Mitigation Capabilities	6.0054.00	Management of Invasive Arthropods During Shipping – NJ	National	Academia	\$185,000
6: Enhance Mitigation Capabilities	6.0055.00	Boxwood Blight Mitigation Strategies – NJ	National	Academia	\$360,160
6: Enhance Mitigation Capabilities	6.0058.00	Chrysanthemum White Rust Mitigation Strategies and the Biological & Genetic Variability of Isolates – NJ	National	Academia	\$143,086
6: Enhance Mitigation Capabilities	6.0059.00	Impatiens Downy Mildew Mitigation Strategies - NJ	National	Academia	\$385,680
6: Enhance Mitigation Capabilities	6.0240.00	Development of Regulatory Tools for Thousand Cankers Disease	National	APHIS	\$25,000
6: Enhance Mitigation Capabilities	6.0245.01	Regulatory Treatments for Exotic High Risk Fruit Flies that Are Likely to Invade the U.S.	National	APHIS	\$7,000
6: Enhance Mitigation Capabilities	6.0245.02	Regulatory Treatments for Exotic High Risk Fruit Flies that Are Likely to Invade the U.S. – Foreign	National	Private	\$160,000
6: Enhance Mitigation Capabilities	6.0245.03	Regulatory Treatments for Exotic High Risk Fruit Flies that Are Likely to Invade the U.S. – HI	National	Non-APHIS Federal	\$125,000
6: Enhance Mitigation Capabilities	6.0367.01	Mitigating Strategies to Slow the Spread of <i>Tuta absoluta</i> in The Greater Caribbean Region	National	APHIS	\$10,000
6: Enhance Mitigation Capabilities	6.0367.02	Mitigating Strategies to Slow the Spread of <i>Tuta absoluta</i> in The Greater Caribbean Region	National	APHIS	\$4,000
6: Enhance Mitigation Capabilities	6.0367.03	Mitigating Strategies to Slow the Spread of <i>Tuta absoluta</i> in The Greater Caribbean Region	National	Foreign	\$9,000
6: Enhance Mitigation Capabilities	6.0367.04	Mitigating Strategies to Slow the Spread of <i>Tuta absoluta</i> in The Greater Caribbean Region	National	Foreign	\$7,500
6: Enhance Mitigation Capabilities	6.0602.00	Rapid Response Fund	National	APHIS	\$1,134,690

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
					\$8,601,185
Multi-State					
2: Target Domestic Inspection	2.0458.00	The Continued Field Utilization of the National Snail Detector Dog Team	Multi-State	APHIS	\$178,890
3: Enhance Pest ID & Technology	3.0175.01	Longicorn ID 3: A Digital Identification Tool for Diagnosing Cerambycid Beetles – CO	Multi-State	Academia	\$75,350
3: Enhance Pest ID & Technology	3.0175.02	Longicorn ID 3: A Digital Identification Tool for Diagnosing Cerambycid Beetles – NM	Multi-State	Academia	\$6,105
3: Enhance Pest ID & Technology	3.0179.01	Digital Imagery for Pest Screening, Detection, Identification, and Report Production – CO	Multi-State	Academia	\$86,557
3: Enhance Pest ID & Technology	3.0179.02	Digital Imagery for Pest Screening, Detection, Identification, and Report Production – GA	Multi-State	Academia	\$37,650
3: Enhance Pest ID & Technology	3.0190.01	Rapid and Accurate Diagnostic Identification of Phytoplasmas – MD	Multi-State	Non-APHIS Federal	\$111,000
3: Enhance Pest ID & Technology	3.0193.01	Building Screening Capacity for Plant Pathogenic Phytoplasmas – MD	Multi-State	Non-APHIS Federal	\$6,500
3: Enhance Pest ID & Technology	3.0193.02	Building Screening Capacity for Plant Pathogenic Phytoplasmas – TX	Multi-State	Academia	\$28,844
3: Enhance Pest ID & Technology	3.0193.03	Building Screening Capacity for Plant Pathogenic Phytoplasmas – SC	Multi-State	Academia	\$29,812
4: Safeguard Nursery Production	4.0156.01	Title National Ornamentals Research Site at Dominican University of California (NORS DUC)	Multi-State	APHIS	\$22,396
4: Safeguard Nursery Production	4.0156.09	Title National Ornamentals Research Site at Dominican University of California (NORS DUC)	Multi-State	Foreign	\$35,000
4: Safeguard Nursery Production	4.0593.00	Development of Software Tool for Systems Approach Phytosanitary Certification Program Manual – DC	Multi-State	Non-Profit	\$159,000
6: Enhance Mitigation Capabilities	6.0141.01	Mitigating Invasive Pests in Puerto Rico: A Front Line Initiative for Rapid Response	Multi-State	APHIS	\$5,000
6: Enhance Mitigation Capabilities	6.0141.02	Mitigating Invasive Pests in Puerto Rico: A Front Line Initiative for Rapid Response	Multi-State	APHIS	\$3,000

Goal	Project #	Title	Cooperator State	Cooperator Type	Funding
6: Enhance Mitigation Capabilities	6.0208.01	Enhanced Mitigation Techniques for Control of <i>Cactoblastis cactorum</i>	Multi-State	APHIS	\$5,000
6: Enhance Mitigation Capabilities	6.0208.03	Enhanced Mitigation Techniques for Control of <i>Cactoblastis cactorum</i> – FL	Multi-State	Non-APHIS Federal	\$27,350
6: Enhance Mitigation Capabilities	6.0208.04	Enhanced Mitigation Techniques for Control of <i>Cactoblastis cactorum</i> – GA	Multi-State	Non-APHIS Federal	\$25,000
6: Enhance Mitigation Capabilities	6.0255.01	Development of New Treatment Options for Khapra Beetle, <i>Trogoderma granarium</i> (Everts)	Multi-State	APHIS	\$40,000
6: Enhance Mitigation Capabilities	6.0255.02	Development of New Treatment Options for Khapra Beetle, <i>Trogoderma granarium</i> (Everts) – KS	Multi-State	Non-APHIS Federal	\$25,000
6: Enhance Mitigation Capabilities	6.0255.03	Development of New Treatment Options for Khapra Beetle, <i>Trogoderma granarium</i> (Everts) – KS	Multi-State	Non-APHIS Federal	\$25,000
6: Enhance Mitigation Capabilities	6.0255.04	Development of New Treatment Options for Khapra Beetle, <i>Trogoderma granarium</i> (Everts) – KS	Multi-State	Academia	\$37,730
6: Enhance Mitigation Capabilities	6.0267.01	Brown Marmorated Stink Bug (BMSB) Biological Control – DE	Multi-State	Non-APHIS Federal	\$40,000
6: Enhance Mitigation Capabilities	6.0267.03	Brown Marmorated Stink Bug (BMSB) Biological Control – Foreign	Multi-State	Non-APHIS Federal	\$45,925
6: Enhance Mitigation Capabilities	6.0267.07	Brown Marmorated Stink Bug (BMSB) Biological Control – MS	Multi-State	Non-APHIS Federal	\$16,500
6: Enhance Mitigation Capabilities	6.0352.00	Radiation Biology of European Grapevine Moth	Multi-State	APHIS	\$92,000
6: Enhance Mitigation Capabilities	6.0486.00	New Jersey and Nebraska Emergency Preparedness and Response Exercise Training	Multi-State	APHIS	\$6,779
6: Enhance Mitigation Capabilities	6.0559.01	Decontamination of Field Equipment Using Portable Pressure Washers and Oxidant Disinfectants	Multi-State	APHIS	\$30,000
					\$1,201,388