

Goal	Category	Project Number	Title	Cooperator State	Cooperator Type	Funding
1. Enhance Analysis & Survey	Analysis	1.0218.00	Data Acquisition Integration and Archival Tools for Risk Analysis and Decision Support	North Carolina	Academia	\$857,620
1. Enhance Analysis & Survey	Analysis	1.0168.00	Early Detection- Stochastic modeling and designing early-detection survey methodologies	Florida	Academia	\$403,958
1. Enhance Analysis & Survey	Analysis	1.0373.00	Economic Analysis of Control Strategies for Managing Tortricids and other Pests of Regulatory Significance	Indiana	Academia	\$181,230
1. Enhance Analysis & Survey	Analysis	1.0244.00	Evaluate and implement a web-based application for sharing geospatial data	Washington	Academia	\$36,565
1. Enhance Analysis & Survey	Analysis	1.0378.00	NPDN Data Analysis	Indiana	Academia	\$36,011
1. Enhance Analysis & Survey	Analysis	1.0322.00	Predicting the Cumulative and Ecological Impacts of Exotic Pests and Pathogens on the Eastern US	Pennsylvania	Academia	\$232,688
1. Enhance Analysis & Survey	Analysis	1.0171.00	Risk and Economic Assessment Tools for Collaboration	North Carolina	Academia	\$110,804
1. Enhance Analysis & Survey	Analysis	1.0169.00	Risk Mapping Analysis and Data Collaboration	North Carolina	Academia	\$146,261
1. Enhance Analysis & Survey	National Survey	1.0138.00	Apple Commodity Survey - MI	Michigan	State Government	\$33,241
1. Enhance Analysis & Survey	National Survey	1.0392.00	Asian Defoliating Moth National Survey - AK	Alaska	State Government	\$66,482
1. Enhance Analysis & Survey	National Survey	1.0151.00	Asian Defoliating Moth National Survey - CA	California	State Government	\$172,946
1. Enhance Analysis & Survey	National Survey	1.0498.00	Asian Defoliating Moth National Survey - MN	Minnesota	State Government	\$15,513
1. Enhance Analysis & Survey	National Survey	1.0036.00	Asian Defoliating Moth National Survey - OR	Oregon	State Government	\$370,789
1. Enhance Analysis & Survey	National Survey	1.0255.00	Asian Defoliating Moth National Survey - UT	Utah	State Government	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0389.00	Asian Defoliating Moth National Survey - WA	Washington	State Government	\$221,607
1. Enhance Analysis & Survey	National Survey	1.0053.00	Grape Commodity National Survey - GA	Georgia	State Government	\$27,701
1. Enhance Analysis & Survey	National Survey	1.0228.00	Grape Commodity National Survey - ID	Idaho	State Government	\$15,785
1. Enhance Analysis & Survey	National Survey	1.0253.00	Grape Commodity National Survey - MI	Michigan	State Government	\$33,241
1. Enhance Analysis & Survey	National Survey	1.0172.00	Grape Commodity National Survey - NC	North Carolina	State Government	\$15,513
1. Enhance Analysis & Survey	National Survey	1.0127.00	Grape Commodity National Survey - NJ	New Jersey	State Government	\$21,437
1. Enhance Analysis & Survey	National Survey	1.0032.00	Grape Commodity National Survey - OR	Oregon	State Government	\$83,123
1. Enhance Analysis & Survey	National Survey	1.0083.00	Grape Commodity National Survey - PA	Pennsylvania	State Government	\$27,701
1. Enhance Analysis & Survey	National Survey	1.0299.00	Grape Commodity National Survey - VA	Virginia	State Government	\$27,701
1. Enhance Analysis & Survey	National Survey	1.0292.00	Grape Commodity National Survey - WA	Washington	State Government	\$99,442
1. Enhance Analysis & Survey	National Survey	1.0210.00	Grape Commodity National Survey - WI	Wisconsin	State Government	\$29,597
1. Enhance Analysis & Survey	National Survey	1.0115.00	Grape Commodity National Survey - WV	West Virginia	State Government	\$16,067
1. Enhance Analysis & Survey	National Survey	1.0080.00	Honey Bee National Survey - AL	Alabama	State Government	\$20,499

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1. Enhance Analysis & Survey	National Survey	1.0106.00	Honey Bee National Survey - AR	Arkansas	State Government	\$13,296
1. Enhance Analysis & Survey	National Survey	1.0267.00	Honey Bee National Survey - CO	Colorado	State Government	\$13,850
1. Enhance Analysis & Survey	National Survey	1.0306.00	Honey Bee National Survey - FL	Florida	State Government	\$30,471
1. Enhance Analysis & Survey	National Survey	1.0054.00	Honey Bee National Survey - GA	Georgia	State Government	\$22,161
1. Enhance Analysis & Survey	National Survey	1.0183.00	Honey Bee National Survey - HI	Hawaii	State Government	\$33,241
1. Enhance Analysis & Survey	National Survey	1.0600.00	Honey Bee National Survey - IA	Iowa	State Government	\$13,850
1. Enhance Analysis & Survey	National Survey	1.0224.00	Honey Bee National Survey - IL	Illinois	State Government	\$11,530
1. Enhance Analysis & Survey	National Survey	1.0199.00	Honey Bee National Survey - IN	Indiana	State Government	\$16,621
1. Enhance Analysis & Survey	National Survey	1.0028.00	Honey Bee National Survey - LA	Louisiana	State Government	\$14,072
1. Enhance Analysis & Survey	National Survey	1.0432.00	Honey Bee National Survey - MA	Massachusetts	State Government	\$13,992
1. Enhance Analysis & Survey	National Survey	1.0017.00	Honey Bee National Survey - MD	Maryland	State Government	\$13,850
1. Enhance Analysis & Survey	National Survey	1.0137.00	Honey Bee National Survey - MI	Michigan	State Government	\$19,945
1. Enhance Analysis & Survey	National Survey	1.0262.00	Honey Bee National Survey - MN	Minnesota	State Government	\$20,499
1. Enhance Analysis & Survey	National Survey	1.0142.00	Honey Bee National Survey - NC	North Carolina	State Government	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0077.00	Honey Bee National Survey - ND	North Dakota	State Government	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0275.00	Honey Bee National Survey - NE	Nebraska	State Government	\$22,161
1. Enhance Analysis & Survey	National Survey	1.0041.00	Honey Bee National Survey - NJ	New Jersey	State Government	\$13,850
1. Enhance Analysis & Survey	National Survey	1.0360.00	Honey Bee National Survey - NM	New Mexico	State Government	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0027.00	Honey Bee National Survey - NY	New York	State Government	\$22,161
1. Enhance Analysis & Survey	National Survey	1.0117.00	Honey Bee National Survey - OH	Ohio	State Government	\$19,945
1. Enhance Analysis & Survey	National Survey	1.0046.00	Honey Bee National Survey - OK	Oklahoma	State Government	\$22,260
1. Enhance Analysis & Survey	National Survey	1.0086.00	Honey Bee National Survey - PA	Pennsylvania	State Government	\$16,621
1. Enhance Analysis & Survey	National Survey	1.0346.00	Honey Bee National Survey - SC	South Carolina	Academia	\$19,945
1. Enhance Analysis & Survey	National Survey	1.0496.00	Honey Bee National Survey - SD	South Dakota	State Government	\$16,621
1. Enhance Analysis & Survey	National Survey	1.0294.00	Honey Bee National Survey - TN	Tennessee	State Government	\$20,499
1. Enhance Analysis & Survey	National Survey	1.0601.00	Honey Bee National Survey - TX	Texas	Academia	\$27,701
1. Enhance Analysis & Survey	National Survey	1.0246.00	Honey Bee National Survey - UT	Utah	State Government	\$16,621

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1. Enhance Analysis & Survey	National Survey	1.0397.00	Honey Bee National Survey - VA	Virginia	State Government	\$13,407
1. Enhance Analysis & Survey	National Survey	1.0136.00	Honey Bee National Survey - WI	Wisconsin	State Government	\$20,499
1. Enhance Analysis & Survey	National Survey	1.0302.00	Honey Bee National Survey - WV	West Virginia	State Government	\$13,850
1. Enhance Analysis & Survey	National Survey	1.0093.00	Honey Bee National Survey Sample Analysis - MD	_National	APHIS	\$470,276
1. Enhance Analysis & Survey	National Survey	1.0524.00	Integrated Plant Health Information System	_National	APHIS	\$554,018
1. Enhance Analysis & Survey	National Survey	1.0446.07	Khapra Beetle Survey - AZ	Arizona	State Government	\$16,621
1. Enhance Analysis & Survey	National Survey	1.0180.00	Khapra Beetle Survey - CA	California	State Government	\$33,241
1. Enhance Analysis & Survey	National Survey	1.0446.08	Khapra Beetle Survey - CO	Colorado	APHIS	\$5,540
1. Enhance Analysis & Survey	National Survey	1.0446.01	Khapra Beetle Survey - FL	Florida	APHIS	\$5,540
1. Enhance Analysis & Survey	National Survey	1.0134.00	Khapra Beetle Survey - ID	Idaho	State Government	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0446.02	Khapra Beetle Survey - IL	Illinois	APHIS	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0446.09	Khapra Beetle Survey - KS	Kansas	State Government	\$5,540
1. Enhance Analysis & Survey	National Survey	1.0446.03	Khapra Beetle Survey - MI	Michigan	APHIS	\$16,621
1. Enhance Analysis & Survey	National Survey	1.0446.04	Khapra Beetle Survey - MN	Minnesota	APHIS	\$5,540
1. Enhance Analysis & Survey	National Survey	1.0281.00	Khapra Beetle Survey - MT	Montana	State Government	\$18,837
1. Enhance Analysis & Survey	National Survey	1.0446.10	Khapra Beetle Survey - ND	North Dakota	State Government	\$5,540
1. Enhance Analysis & Survey	National Survey	1.0274.00	Khapra Beetle Survey - NE	Nebraska	State Government	\$5,540
1. Enhance Analysis & Survey	National Survey	1.0130.00	Khapra Beetle Survey - NJ	New Jersey	APHIS	\$18,837
1. Enhance Analysis & Survey	National Survey	1.0446.11	Khapra Beetle Survey - NV	Nevada	State Government	\$5,540
1. Enhance Analysis & Survey	National Survey	1.0446.05	Khapra Beetle Survey - NY	New York	APHIS	\$22,161
1. Enhance Analysis & Survey	National Survey	1.0446.12	Khapra Beetle Survey - OR	Oregon	State Government	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0446.06	Khapra Beetle Survey - PA	Pennsylvania	APHIS	\$5,540
1. Enhance Analysis & Survey	National Survey	1.0446.13	Khapra Beetle Survey - WA	Washington	APHIS	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0446.14	Khapra Beetle Survey - WY	Wyoming	APHIS	\$5,540
1. Enhance Analysis & Survey	National Survey	1.0123.05	Mollusk Survey - CA	California	Academia	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0123.01	Mollusk Survey - FL	Florida	APHIS	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0123.02	Mollusk Survey - GA	Georgia	APHIS	\$11,080

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1. Enhance Analysis & Survey	National Survey	1.0123.06	Mollusk Survey - HI	Hawaii	APHIS	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0123.03	Mollusk Survey - IL	Illinois	APHIS	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0123.04	Mollusk Survey - NY	New York	APHIS	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0123.07	Mollusk Survey - OR	Oregon	State/APHIS	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0123.08	Mollusk Survey - TX	Texas	APHIS	\$11,080
1. Enhance Analysis & Survey	National Survey	1.0213.00	Orchard Commodity Survey - UT	Utah	Academia	\$34,737
1. Enhance Analysis & Survey	National Survey	1.0359.01	Phytophthora ramorum Survey - AL	Alabama	State Government	\$72,022
1. Enhance Analysis & Survey	National Survey	1.0359.02	Phytophthora ramorum Survey - GA	Georgia	State Government	\$72,022
1. Enhance Analysis & Survey	National Survey	1.0359.07	Phytophthora ramorum Survey - KY	Kentucky	State Government	\$27,701
1. Enhance Analysis & Survey	National Survey	1.0359.06	Phytophthora ramorum Survey - LA	Louisiana	State Government	\$55,402
1. Enhance Analysis & Survey	National Survey	1.0359.03	Phytophthora ramorum Survey - MI	Michigan	State Government	\$55,402
1. Enhance Analysis & Survey	National Survey	1.0359.11	Phytophthora ramorum Survey - OH	Ohio	State Government	\$16,621
1. Enhance Analysis & Survey	National Survey	1.0359.10	Phytophthora ramorum Survey - SC	South Carolina	Academia	\$27,701
1. Enhance Analysis & Survey	National Survey	1.0359.04	Phytophthora ramorum Survey - TN	Tennessee	State Government	\$55,402
1. Enhance Analysis & Survey	National Survey	1.0359.08	Phytophthora ramorum Survey - TX	Texas	Academia	\$27,701
1. Enhance Analysis & Survey	National Survey	1.0359.05	Phytophthora ramorum Survey - VA	Virginia	State Government	\$55,402
1. Enhance Analysis & Survey	National Survey	1.0359.09	Phytophthora ramorum Survey - WV	West Virginia	State Government	\$27,701
1. Enhance Analysis & Survey	National Survey	1.0179.00	Stone Fruit Commodity National Survey - CA	California	State Government	\$132,964
1. Enhance Analysis & Survey	National Survey	1.0386.00	Stone Fruit Commodity National Survey - CO	Colorado	State Government	\$22,133
1. Enhance Analysis & Survey	National Survey	1.0051.00	Stone Fruit Commodity National Survey - GA	Georgia	State Government	\$66,482
1. Enhance Analysis & Survey	National Survey	1.0090.00	Stone Fruit Commodity National Survey - ID	Idaho	State Government	\$33,685
1. Enhance Analysis & Survey	National Survey	1.0273.00	Stone Fruit Commodity National Survey - MI	Michigan	State Government	\$69,806
1. Enhance Analysis & Survey	National Survey	1.0124.00	Stone Fruit Commodity National Survey - MT	Montana	State Government	\$20,848
1. Enhance Analysis & Survey	National Survey	1.0030.00	Stone Fruit Commodity National Survey - OR	Oregon	State Government	\$105,265
1. Enhance Analysis & Survey	National Survey	1.0364.00	Stone Fruit Commodity National Survey - SC	South Carolina	Academia	\$30,582
1. Enhance Analysis & Survey	National Survey	1.0380.00	Stone Fruit Commodity National Survey - TX	Texas	Academia	\$71,302
1. Enhance Analysis & Survey	National Survey	1.0114.00	Stone Fruit Commodity National Survey - WV	West Virginia	State Government	\$33,241

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1. Enhance Analysis & Survey	National Survey	1.0400.00	Tomato Commodity National Survey - FL	Florida	State Government	\$89,751
1. Enhance Analysis & Survey	National Survey	1.0049.00	Tomato Commodity National Survey - GA	Georgia	State Government	\$74,238
1. Enhance Analysis & Survey	National Survey	1.0096.00	Tomato Commodity National Survey - PA	Pennsylvania	State Government	\$22,161
1. Enhance Analysis & Survey	National Survey	1.0371.00	Tomato Commodity National Survey - TN	Tennessee	Academia	\$16,621
1. Enhance Analysis & Survey	State Specific Survey	1.0331.00	Biosecurity Program for Early Detection of Honey Bee Pests and Diseases - HI	Hawaii	State Government	\$79,980
1. Enhance Analysis & Survey	State Specific Survey	1.0408.00	Cherry Blossom Moth Survey - WA	Washington	State Government	\$40,229
1. Enhance Analysis & Survey	State Specific Survey	1.0154.00	Citrus Commodity Survey - CA	California	State Government	\$539,665
1. Enhance Analysis & Survey	State Specific Survey	1.0023.00	Citrus Commodity Survey - LA	Louisiana	State Government	\$40,443
1. Enhance Analysis & Survey	State Specific Survey	1.0270.00	Cyst Nematode Survey - NE	Nebraska	State Government	\$42,105
1. Enhance Analysis & Survey	State Specific Survey	1.0082.00	Cyst Nematode Survey - NV	Nevada	State Government	\$35,829
1. Enhance Analysis & Survey	State Specific Survey	1.0196.00	Enhanced Exotic Pests Surveys - CA	California	State Government	\$9,310,449
1. Enhance Analysis & Survey	State Specific Survey	1.0451.00	Exotic Buprestid Survey - NC	North Carolina	State Government	\$38,781
1. Enhance Analysis & Survey	State Specific Survey	1.0409.00	Exotic Buprestid Survey - WA	Washington	State Government	\$38,781
1. Enhance Analysis & Survey	State Specific Survey	1.0368.00	Exotic Forest Pest Survey - MI	Michigan	State Government	\$434,350
1. Enhance Analysis & Survey	State Specific Survey	1.0340.00	Exotic Psyllids and Liberibacter Species Survey - FL	Florida	State Government	\$73,130
1. Enhance Analysis & Survey	State Specific Survey	1.0193.00	Exotic Wood Boring and Bark Beetle Survey - CA	California	State Government	\$138,505
1. Enhance Analysis & Survey	State Specific Survey	1.0250.00	Exotic Wood Boring and Bark Beetle Survey - UT	Utah	State Government	\$20,554
1. Enhance Analysis & Survey	State Specific Survey	1.0317.00	Nut Pest Field Survey - AZ	Arizona	State Government	\$110,804
1. Enhance Analysis & Survey	State Specific Survey	1.0225.00	Thrips Associated with Peony Survey - AK	Alaska	State Government	\$18,837
1. Enhance Analysis & Survey	State Specific Survey	1.0353.00	Viruses in Imported and Domestically Produced Ornamentals - MI	Michigan	State Government	\$57,618
1. Enhance Analysis & Survey	State Specific Survey	1.0286.00	Viruses in Imported and Domestically Produced Ornamentals - MN	Minnesota	State Government	\$32,672
1. Enhance Analysis & Survey	State Specific Survey	1.0125.00	Viruses in Imported and Domestically Produced Ornamentals - OH	Ohio	State Government	\$105,991
1. Enhance Analysis & Survey	State Specific Survey	1.0248.00	Viruses in Imported and Domestically Produced Ornamentals - WI	Wisconsin	State Government	\$63,537
1. Enhance Analysis & Survey	State Specific Survey	1.0008.00	Walnut Twig Borer/Thousand Cankers Disease Survey - AR	Arkansas	State Government	\$18,659
1. Enhance Analysis & Survey	State Specific Survey	1.0184.00	Walnut Twig Borer/Thousand Cankers Disease Survey - IL	Illinois	State Government	\$19,723
1. Enhance Analysis & Survey	State Specific Survey	1.0332.00	Walnut Twig Borer/Thousand Cankers Disease Survey - IN	Indiana	State Government	\$33,241
1. Enhance Analysis & Survey	State Specific Survey	1.0057.00	Walnut Twig Borer/Thousand Cankers Disease Survey - KS	Kansas	State Government	\$25,385

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1. Enhance Analysis & Survey	State Specific Survey	1.0260.00	Walnut Twig Borer/Thousand Cankers Disease Survey - KY	Kentucky	State Government	\$19,011
1. Enhance Analysis & Survey	State Specific Survey	1.0365.00	Walnut Twig Borer/Thousand Cankers Disease Survey - MI	Michigan	State Government	\$27,701
1. Enhance Analysis & Survey	State Specific Survey	1.0391.00	Walnut Twig Borer/Thousand Cankers Disease Survey - MN	Minnesota	State Government	\$23,823
1. Enhance Analysis & Survey	State Specific Survey	1.0078.00	Walnut Twig Borer/Thousand Cankers Disease Survey - MO	Missouri	State Government	\$27,821
1. Enhance Analysis & Survey	State Specific Survey	1.0272.00	Walnut Twig Borer/Thousand Cankers Disease Survey - NE	Nebraska	State Government	\$22,161
1. Enhance Analysis & Survey	State Specific Survey	1.0128.00	Walnut Twig Borer/Thousand Cankers Disease Survey - NJ	New Jersey	State Government	\$19,391
1. Enhance Analysis & Survey	State Specific Survey	1.0328.00	Walnut Twig Borer/Thousand Cankers Disease Survey - NM	New Mexico	State Government	\$8,864
1. Enhance Analysis & Survey	State Specific Survey	1.0119.00	Walnut Twig Borer/Thousand Cankers Disease Survey - OH	Ohio	State Government	\$23,134
1. Enhance Analysis & Survey	State Specific Survey	1.0014.00	Walnut Twig Borer/Thousand Cankers Disease Survey - OK	Oklahoma	State Government	\$18,940
1. Enhance Analysis & Survey	State Specific Survey	1.0098.00	Walnut Twig Borer/Thousand Cankers Disease Survey - PA	Pennsylvania	State Government	\$16,621
1. Enhance Analysis & Survey	State Specific Survey	1.0284.00	Walnut Twig Borer/Thousand Cankers Disease Survey - TN	Tennessee	State Government	\$33,241
1. Enhance Analysis & Survey	State Specific Survey	1.0005.00	Walnut Twig Borer/Thousand Cankers Disease Survey - VA	Virginia	State Government	\$33,241
1. Enhance Analysis & Survey	State Specific Survey	1.0212.00	Walnut Twig Borer/Thousand Cankers Disease Survey - WI	Wisconsin	State Government	\$27,701
2. Domestic Inspection	Destination Inspection	2.0257.00	Critical entry point monitoring for the pests of agricultural biosecurity concern	Texas	State Government	\$1,108,036
2. Domestic Inspection	Destination Inspection	2.0474.00	Distribution Center and Warehouse Domestic Inspection Program	New York	State Government	\$204,987
2. Domestic Inspection	Destination Inspection	2.0381.00	Enhanced Pest Detection at High Risk Domestic Interdiction Sites and Marina/Canals Systems	Florida	State Government	\$802,218
2. Domestic Inspection	Destination Inspection	2.0341.00	Guam Customs Biosecurity Initiative	Guam	State Government	\$110,804
2. Domestic Inspection	Destination Inspection	2.0312.00	Improving Techniques for Detection of Prohibited Plants and Invasive Pests at Ports of Entry	Florida	APHIS	\$19,945
2. Domestic Inspection	Destination Inspection	2.0356.00	Increase inspection at port terminal and intrastate facilities	Hawaii	State Government	\$332,411
2. Domestic Inspection	Destination Inspection	2.0305.00	Plant Pest Survey and Inspection of Foreign and Domestic Imports in High-Risk Areas of Florida	Florida	State Government	\$304,729
2. Domestic Inspection	Detector Dogs	2.0156.00	California Detector Dog Team Program	California	State Government	\$3,365,119
2. Domestic Inspection	Detector Dogs	2.0303.00	Florida Detection Dog Teams	Florida	State Government	\$554,018
2. Domestic Inspection	Detector Dogs	2.0002.00	The Continued Field Utilization of the National Snail Detector Dog Team	_Multi-state	APHIS	\$221,607
2. Domestic Inspection	Detector Dogs	2.0422.00	The Field Utilization of National SITC Detector Dog Teams	_Multi-state	APHIS	\$163,989
2. Domestic Inspection	Other	2.0081.00	Hawaii Pre-Clearance X-ray Support	Hawaii	APHIS	\$454,295
3. Enhance Pest Identification and Technology	Detection Technologies	3.0323.02	Characterizing Risk Posed by Exotic Lymantrids	_National	Foreign	\$151,108
3. Enhance Pest Identification and Technology	Detection Technologies	3.0323.01	Characterizing Risk Posed by Exotic Lymantrids	Massachusetts	APHIS	\$9,751

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3. Enhance Pest Identification and Technology	Detection Technologies	3.0309.05	Development of Attractants and Improved Trap designs for Exotic Wood borers	_National	Foreign	\$116,161
3. Enhance Pest Identification and Technology	Detection Technologies	3.0309.02	Development of Attractants and Improved Trap designs for Exotic Wood borers	California	Academia	\$146,261
3. Enhance Pest Identification and Technology	Detection Technologies	3.0309.03	Development of Attractants and Improved Trap designs for Exotic Wood borers	Illinois	Academia	\$24,820
3. Enhance Pest Identification and Technology	Detection Technologies	3.0309.01	Development of Attractants and Improved Trap designs for Exotic Wood borers	Massachusetts	APHIS	\$15,069
3. Enhance Pest Identification and Technology	Detection Technologies	3.0309.04	Development of Attractants and Improved Trap designs for Exotic Wood borers	New York	Academia	\$24,820
3. Enhance Pest Identification and Technology	Detection Technologies	3.0309.06	Development of Attractants and Improved Trap designs for Exotic Wood borers	Pennsylvania	Academia	\$182,012
3. Enhance Pest Identification and Technology	Detection Technologies	3.0309.07	Development of Attractants and Improved Trap designs for Exotic Wood borers	Tennessee	Academia	\$44,875
3. Enhance Pest Identification and Technology	Detection Technologies	3.0338.00	Digital identification of Microlepidoptera on Solanaceous plants	Florida	State Government	\$140,467
3. Enhance Pest Identification and Technology	Detection Technologies	3.0298.00	Discovery and Validation of Plant Disease Markers	New Mexico	Non-APHIS Federal	\$249,308
3. Enhance Pest Identification and Technology	Detection Technologies	3.0308.01	Lepidoptera attractants	_National	Foreign	\$34,349
3. Enhance Pest Identification and Technology	Detection Technologies	3.0308.03	Lepidoptera attractants	Massachusetts	APHIS	\$14,404
3. Enhance Pest Identification and Technology	Detection Technologies	3.0308.02	Lepidoptera attractants	Washington	State Government	\$39,889
3. Enhance Pest Identification and Technology	Detection Technologies	3.0108.02	Priority Research & Development for Citrus Health Response Program Pests	Florida	Private Entity	\$177,286
3. Enhance Pest Identification and Technology	Detection Technologies	3.0108.04	Priority Research & Development for Citrus Health Response Program Pests	Florida	Academia	\$484,217
3. Enhance Pest Identification and Technology	Detection Technologies	3.0108.06	Priority Research & Development for Citrus Health Response Program Pests	Florida	Academia	\$307,416
3. Enhance Pest Identification and Technology	Detection Technologies	3.0108.03	Priority Research & Development for Citrus Health Response Program Pests	Maryland	APHIS	\$222,752
3. Enhance Pest Identification and Technology	Detection Technologies	3.0108.01	Priority Research & Development for Citrus Health Response Program Pests	Texas	APHIS	\$470,383
3. Enhance Pest Identification and Technology	Detection Technologies	3.0304.02	Tuta absoluta sex pheromone detection and management tools	_National	Foreign	\$33,241
3. Enhance Pest Identification and Technology	Detection Technologies	3.0304.03	Tuta absoluta sex pheromone detection and management tools	_National	Foreign	\$44,321
3. Enhance Pest Identification and Technology	Detection Technologies	3.0304.01	Tuta absoluta sex pheromone detection and management tools	California	Private Entity	\$38,781
3. Enhance Pest Identification and Technology	Detection Technologies	3.0304.04	Tuta absoluta sex pheromone detection and management tools	Massachusetts	APHIS	\$66,482
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0164.00	Curation of CAPS Collection Colorado	Colorado	Academia	\$5,540
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0477.01	Delivery of Taxonomic Training through Distance Education	Florida	Academia	\$91,967
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0477.02	Delivery of Taxonomic Training through Distance Education	Florida	State Government	\$22,161
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0477.03	Delivery of Taxonomic Training through Distance Education	Florida	Non-APHIS Federal	\$22,161
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0251.00	Diagnostic Resources to Support Fruit Fly Exclusion and Eradication	Hawaii	Academia	\$361,995
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0435.00	Diagnostics of Pseudomonas syringae pv actinidiae causal agent of Bacterial Canker of Kiwifruit	Maryland	APHIS	\$17,729

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3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0159.01	Digital Imagery for Pest Screening Detection Identification and Report Production	Colorado	Academia	\$65,817
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0159.02	Digital Imagery for Pest Screening Detection Identification and Report Production	Georgia	Academia	\$40,693
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0342.00	Enhancement of fruit fly larval identification and taxonomy	Florida	State Government	\$134,072
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0215.00	Enhancing Taxonomic and Molecular Diagnostics Capacity for Fruit Flies (Diptera: Tephritidae)	California	State Government	\$152,055
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0438.00	Integrated Accreditation System for Plant Diagnostic Network and Regulatory Laboratories	North Carolina	Academia	\$121,884
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0415.02	LFM (lateral flow microarray) development/evaluation for detection of quarantine plant pathogens	Maryland	APHIS	\$45,899
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0415.01	LFM (lateral flow microarray) development/evaluation for detection of quarantine plant pathogens	New Mexico	Private Entity	\$99,807
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0249.00	Molecular diagnostic methods for Peronosclerospora and Sclerophthora species of biosecurity concern	Maryland	APHIS	\$59,834
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0163.00	Morphological And Molecular Diagnostic Tools For Lepidoptera Larvae Intercepted at US Ports of Entry	Colorado	Academia	\$108,452
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0434.00	National Plant Pathogen Laboratory Accreditation Program Customer Portal	Maryland	Private Entity	\$66,482
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0091.00	NPDN STAR-D Program Development and Auditor Training	New York	Academia	\$132,964
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0165.00	Rapid and accurate diagnostic detection/identification of palm viroids	Colorado	APHIS	\$86,427
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0145.00	Rapid and accurate diagnostic identification of phytoplasmias	Colorado	APHIS	\$172,854
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0414.01	SPR (Surface Plasmon Resonance) Evaluation for the Detection of Quarantine Plant Pathogens	Maryland	APHIS	\$82,528
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0414.02	SPR (Surface Plasmon Resonance) Evaluation for the Detection of Quarantine Plant Pathogens	New Jersey	Academia	\$122,541
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0414.03	SPR (Surface Plasmon Resonance) Evaluation for the Detection of Quarantine Plant Pathogens	Wisconsin	Academia	\$45,015
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0220.00	Strengthening American Samoa's Capacity to Detect and Respond to Exotic Fruit Fly Incursions	American Samoa	Academia	\$23,973
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0476.00	Systematic Internship Program	Florida	Academia	\$110,804
3. Enhance Pest Identification and Technology	Diagnostic Capacity Building	3.0450.00	Training NPDN and State Depts of Agriculture Diagnosticians at the CPHST Beltsville Laboratory	New York	Academia	\$66,482
3. Enhance Pest Identification and Technology	Taxonomic Support	3.0358.00	Eastern Regional Identification Center for Exotic Plant Pests	Mississippi	Academia	\$88,643
3. Enhance Pest Identification and Technology	Taxonomic Support	3.0311.00	Incorporation of the Standard Scientific Name for Fungi into the NPDN Pest Dictionary	Indiana	Academia	\$42,659
3. Enhance Pest Identification and Technology	Taxonomic Support	3.0162.02	Longicorn ID- A Digital Identification Tool for Diagnosing Cerambycid Beetles	Colorado	Academia	\$6,765
3. Enhance Pest Identification and Technology	Taxonomic Support	3.0162.01	Longicorn ID- A Digital Identification Tool for Diagnosing Cerambycid Beetles	New Mexico	Academia	\$83,491
3. Enhance Pest Identification and Technology	Taxonomic Support	3.0411.00	Regional Grape Commodity Survey Diagnostic Support (PNW)	Washington	State Government	\$16,513
3. Enhance Pest Identification and Technology	Taxonomic Support	3.0031.00	Regional Identification Center for Bark Beetle	Oregon	State Government	\$166,207
3. Enhance Pest Identification and Technology	Taxonomic Support	3.0354.01	Safeguarding Against Scale Insect Pests: A Digital Tool for Training Screening and Identification	California	State Government	\$62,819
3. Enhance Pest Identification and Technology	Taxonomic Support	3.0354.02	Safeguarding Against Scale Insect Pests: A Digital Tool for Training Screening and Identification	Colorado	Academia	\$13,139

Goal	Category	Project Number	Title	Cooperator State	Cooperator Type	Funding
3. Enhance Pest Identification and Technology	Taxonomic Support	3.0407.00	Western Region Lepidoptera Diagnostic Center	Washington	State Government	\$113,020
3. Enhance Pest Identification and Technology	Traps and Lures	3.0056.00	Lure Shelf Life and Quality Assurance Determination	Florida	Non-APHIS Federal	\$265,929
3. Enhance Pest Identification and Technology	Traps and Lures	3.0006.00	Survey Supply Improvement	Texas	APHIS	\$277,009
4. Safeguard Nursery Production	Nursery Certification Programs	4.0153.00	Best Management Practices in Nurseries: Survey & Documentation of BMPs Used in Ornamental Nurseries	California	State Government	\$33,241
4. Safeguard Nursery Production	Nursery Certification Programs	4.0160.00	Develop and Harmonize Audit-based Certification Programs	_National	State Government	\$166,205
4. Safeguard Nursery Production	Nursery Certification Programs	4.0233.00	Development of Model Standards for Virus-Tested Certification Programs for Blueberry and Rubus	Arkansas	Academia	\$66,094
4. Safeguard Nursery Production	Nursery Certification Programs	4.0059.00	Harmonization of Model Regulatory Standards for Virus-Tested NCPN Nursery Stocks	Arkansas	Academia	\$85,341
4. Safeguard Nursery Production	Nursery Certification Programs	4.0203.00	National Ornamental research site at Dominican University Oversight and Liaison (NORSUDUC)	California	APHIS	\$55,402
4. Safeguard Nursery Production	Nursery Certification Programs	4.0416.00	Pilot Program for Audit-based Conifer Nursery Stock Certification	Michigan	Academia	\$50,970
4. Safeguard Nursery Production	Nursery Certification Programs	4.0441.00	Reinstating a grape certification program in New York	New York	Academia	\$147,369
4. Safeguard Nursery Production	Systems Approaches for Nursery	4.0455.00	Analysis of Nursery Source Materials of Fruit-Bearing Plants to Improve Virus-Testing in Certification Programs	Pennsylvania	State Government	\$96,709
4. Safeguard Nursery Production	Systems Approaches for Nursery	4.0201.00	Assessment of disinfectants for control of Phytophthora ramorum	_National	Academia	\$138,505
4. Safeguard Nursery Production	Systems Approaches for Nursery	4.0043.00	Comparing the efficacy of three certification schemes for pest risk mitigation in nursery stock	Oregon	State Government	\$158,794
4. Safeguard Nursery Production	Systems Approaches for Nursery	4.0167.00	Confirming the pathogenicity and host range of Phytophthora ramorum	California	Academia	\$77,770
4. Safeguard Nursery Production	Systems Approaches for Nursery	4.0482.00	Development of biofiltration systems to reduce spread of Phytophthora ramorum in water	Washington	State Government	\$82,615
4. Safeguard Nursery Production	Systems Approaches for Nursery	4.0468.00	Integrated Pest Management (IPM) System Development in a Native Plant Nursery	Michigan	Tribal Nation	\$14,121
4. Safeguard Nursery Production	Systems Approaches for Nursery	4.0285.00	National Harmonized Systems-Approach to Nursery Certification	_Multi-state	Non-Profit	\$204,987
4. Safeguard Nursery Production	Systems Approaches for Nursery	4.0239.00	National Ornamentals Research Site at Dominican University of California (NORS-DUC)	California	Academia	\$739,499
4. Safeguard Nursery Production	Systems Approaches for Nursery	4.0602.00	Safeguarding citrus and landscape nurseries from HLB.	Texas	Academia	\$132,964
4. Safeguard Nursery Production	Systems Approaches for Nursery	4.0293.00	Systems Approach to Pest Management Practices- Potted Foliage Plant Production - Phase II	Hawaii	Academia	\$265,929
4. Safeguard Nursery Production	Systems Approaches for Nursery	4.0330.00	Texas Phoenix Palm Decline diagnostics and vector identification	Florida	State Government	\$97,507
4. Safeguard Nursery Production	Systems Approaches for Nursery	4.0314.00	Validating commercial formulation of Trichoderma asperellum against Phytophthora ramorum-infested soil	_National	Non-APHIS Federal	\$52,188
5. Outreach and Education Programs	Consumer Outreach	5.0376.00	Citizen Volunteer Pest Survey	Tennessee	Academia	\$11,080
5. Outreach and Education Programs	Consumer Outreach	5.0502.00	National Invasive Pest Public Awareness Campaign	_National	APHIS	\$831,027
5. Outreach and Education Programs	Consumer Outreach	5.0604.00	Save Our Citrus – California Citrus Greening Campaign	_National	APHIS	\$221,607
5. Outreach and Education Programs	Other	5.0481.00	Forest Pest Outreach- NC	North Carolina	State Government	\$41,551
5. Outreach and Education Programs	Other	5.0252.00	Invasive Species Curriculum for Native Americans	Illinois	Tribal Nation	\$63,712

Goal	Category	Project Number	Title	Cooperator State	Cooperator Type	Funding
5. Outreach and Education Programs	Other	5.0177.00	Invasive Species Outreach and Education to Protect US Forests Landscapes and Ornamental Nurseries	California	Academia	\$72,833
5. Outreach and Education Programs	Other	5.0288.00	Plant Health Outreach & Emergency Preparedness Training: Planning for Tribal Government and Tribal Organizations	Montana	Tribal Nation	\$166,205
5. Outreach and Education Programs	Other	5.0020.00	Smartphone Application to Educate the Public about Pests of PPQ Concern	_National	APHIS	\$193,906
5. Outreach and Education Programs	Producer/First Detector Training	5.0035.00	Asian Longhorned Beetle Citizen Scientists Survey	Oregon	State Government	\$47,092
5. Outreach and Education Programs	Producer/First Detector Training	5.0325.00	Asian Longhorned Beetle Survey Project	Oregon	State Government	\$7,756
5. Outreach and Education Programs	Producer/First Detector Training	5.0418.00	Collaborative and Enhanced First Detector Training for Florida and California	_Multi-state	Academia	\$182,826
5. Outreach and Education Programs	Producer/First Detector Training	5.0194.00	Do Not Move Firewood and Healthy Urban Forests- Preventing Spread and Improving Early Detection	_National	Non-Profit	\$277,009
5. Outreach and Education Programs	Producer/First Detector Training	5.0190.00	Drosophila suzukii Education Program	Utah	Academia	\$6,582
5. Outreach and Education Programs	Producer/First Detector Training	5.0026.00	Educational Initiative for Improving Risk Identification and Pest Detection in Hawaii	Hawaii	State Government	\$110,800
5. Outreach and Education Programs	Producer/First Detector Training	5.0100.00	Establishing a Sentinel Network to Detect and Report Invasive Species	Texas	Academia	\$82,449
5. Outreach and Education Programs	Producer/First Detector Training	5.0374.00	First Detector and Sentinel Plant Network Training an Outreach and Education Program	Ohio	State Government	\$38,418
5. Outreach and Education Programs	Producer/First Detector Training	5.0383.00	First Detector education program for pest of concern to Texas	Texas	Academia	\$58,504
5. Outreach and Education Programs	Producer/First Detector Training	5.0351.00	First Detector Program Expansion and Development	Minnesota	Academia	\$94,550
5. Outreach and Education Programs	Producer/First Detector Training	5.0466.00	Forest Pest Outreach and Survey Project	Maine	State Government	\$47,092
5. Outreach and Education Programs	Producer/First Detector Training	5.0268.00	Forest Pest Outreach- AR	Arkansas	State Government	\$40,997
5. Outreach and Education Programs	Producer/First Detector Training	5.0217.00	Forest Pest Outreach- CT	Connecticut	State Government	\$47,092
5. Outreach and Education Programs	Producer/First Detector Training	5.0504.00	Forest Pest Outreach- DE	Delaware	State Government	\$32,133
5. Outreach and Education Programs	Producer/First Detector Training	5.0390.00	Forest Pest Outreach- IL	Illinois	State Government	\$47,092
5. Outreach and Education Programs	Producer/First Detector Training	5.0478.00	Forest Pest Outreach- IN	Indiana	State Government	\$41,551
5. Outreach and Education Programs	Producer/First Detector Training	5.0044.00	Forest Pest Outreach- KY	Kentucky	Academia	\$41,551
5. Outreach and Education Programs	Producer/First Detector Training	5.0350.00	Forest Pest Outreach- MA	Massachusetts	State Government	\$47,092
5. Outreach and Education Programs	Producer/First Detector Training	5.0393.00	Forest Pest Outreach- MN	Minnesota	State Government	\$47,092
5. Outreach and Education Programs	Producer/First Detector Training	5.0343.00	Forest Pest Outreach- NH	New Hampshire	State Government	\$47,092
5. Outreach and Education Programs	Producer/First Detector Training	5.0126.00	Forest Pest Outreach- NJ	New Jersey	State Government	\$47,092
5. Outreach and Education Programs	Producer/First Detector Training	5.0166.00	Forest Pest Outreach- NY	New York	State Government	\$47,092
5. Outreach and Education Programs	Producer/First Detector Training	5.0321.00	Forest Pest Outreach- PA	Pennsylvania	State Government	\$44,321
5. Outreach and Education Programs	Producer/First Detector Training	5.0259.00	Forest Pest Outreach- RI	Rhode Island	State Government	\$44,442

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5. Outreach and Education Programs	Producer/First Detector Training	5.0141.00	Forest Pest Outreach- VT	Vermont	State Government	\$47,092
5. Outreach and Education Programs	Producer/First Detector Training	5.0121.00	Forest Pest Outreach- WV	West Virginia	State Government	\$16,621
5. Outreach and Education Programs	Producer/First Detector Training	5.0514.00	Regional Outreach Plan to Enhance Management of Thousand Cankers Disease on Black Walnut in Its Native Range	Tennessee	Academia	\$143,362
5. Outreach and Education Programs	Producer/First Detector Training	5.0089.00	Sentinel Plant Network	_National	Private Entity	\$273,685
5. Outreach and Education Programs	Producer/First Detector Training	5.0518.00	Tribal Outreach Session	Michigan	Tribal Nation	\$13,296
5. Outreach and Education Programs	Traveler Outreach	5.0116.00	2012-13 West Virginia Camper Education Outreach and Data Capture	West Virginia	State Government	\$22,161
5. Outreach and Education Programs	Traveler Outreach	5.0424.00	Menominee ISMP: Citizen Science Program - Traveler Outreach	Wisconsin	Tribal Nation	\$91,524
5. Outreach and Education Programs	Traveler Outreach	5.0404.00	Title: Slow the Onward Movement of Pests (STOMP)	West Virginia	Non-APHIS Federal	\$38,781
5. Outreach and Education Programs	Traveler Outreach	5.0347.00	Travelers Do Not Pack a Pest Video and Signage Targeted Marketing	Florida	State Government	\$304,710
5. Outreach and Education Programs	Youth Outreach	5.0506.00	Junior Invasive Inspectors	South Carolina	Academia	\$58,172
5. Outreach and Education Programs	Youth Outreach	5.0143.00	Leech Lake Outreach and Education Coordinator for High-Risk Species	Minnesota	Tribal Nation	\$71,496
6. Enhance Mitigation	Applied Mitigation R&D	6.0174.01	Asian Citrus Psyllid and Huanglongbing (citrus greening) Field Research and Outreach	North Carolina	Academia	\$418,682
6. Enhance Mitigation	Applied Mitigation R&D	6.0067.00	Boxwood Blight	Connecticut	Academia	\$554,018
6. Enhance Mitigation	Applied Mitigation R&D	6.0187.00	Brown Marmorated Stink Bug (BMSB) Biological Control	Delaware	Academia	\$77,563
6. Enhance Mitigation	Applied Mitigation R&D	6.0187.04	Brown Marmorated Stink Bug (BMSB) Biological Control	Delaware	Non-APHIS Federal	\$44,321
6. Enhance Mitigation	Applied Mitigation R&D	6.0187.05	Brown Marmorated Stink Bug (BMSB) Biological Control	Delaware	Non-APHIS Federal	\$51,191
6. Enhance Mitigation	Applied Mitigation R&D	6.0187.01	Brown Marmorated Stink Bug (BMSB) Biological Control	Florida	State Government	\$137,836
6. Enhance Mitigation	Applied Mitigation R&D	6.0187.02	Brown Marmorated Stink Bug (BMSB) Biological Control	Michigan	Academia	\$145,305
6. Enhance Mitigation	Applied Mitigation R&D	6.0187.06	Brown Marmorated Stink Bug (BMSB) Biological Control	Mississippi	Non-APHIS Federal	\$18,283
6. Enhance Mitigation	Applied Mitigation R&D	6.0187.07	Brown Marmorated Stink Bug (BMSB) Biological Control	Mississippi	Academia	\$44,423
6. Enhance Mitigation	Applied Mitigation R&D	6.0187.03	Brown Marmorated Stink Bug (BMSB) Biological Control	Oregon	State Government	\$116,147
6. Enhance Mitigation	Applied Mitigation R&D	6.0135.00	Disease modeling to test disease control/mitigation strategies and maximize regulatory intervention	North Carolina	Foreign	\$166,205
6. Enhance Mitigation	Applied Mitigation R&D	6.0104.00	Enhanced Mitigation Techniques for Control of Cactoblastis cactorum	Florida	State Government	\$152,909
6. Enhance Mitigation	Applied Mitigation R&D	6.0104.01	Enhanced Mitigation Techniques for Control of Cactoblastis cactorum	Florida	Non-APHIS Federal	\$25,485
6. Enhance Mitigation	Applied Mitigation R&D	6.0104.02	Enhanced Mitigation Techniques for Control of Cactoblastis cactorum	Georgia	Non-APHIS Federal	\$18,837
6. Enhance Mitigation	Applied Mitigation R&D	6.0104.03	Enhanced Mitigation Techniques for Control of Cactoblastis cactorum	Mississippi	Academia	\$12,188
6. Enhance Mitigation	Applied Mitigation R&D	6.0104.04	Enhanced Mitigation Techniques for Control of Cactoblastis cactorum	New York	Academia	\$12,188

Goal	Category	Project Number	Title	Cooperator State	Cooperator Type	Funding
6. Enhance Mitigation	Applied Mitigation R&D	6.0324.00	Enhanced Mitigation Techniques for Control of Several Exotic Whitefly Species	Florida	Academia	\$254,750
6. Enhance Mitigation	Applied Mitigation R&D	6.0175.00	Guam Coconut Rhinoceros Beetle Eradication Program	Guam	Academia	\$221,607
6. Enhance Mitigation	Applied Mitigation R&D	6.0064.00	Management of Select Exotic Arthropods during Shipping	California	Academia	\$183,339
6. Enhance Mitigation	Applied Mitigation R&D	6.0337.00	Mitigation of Honey Bee Pests in Hawaii	Hawaii	State Government	\$96,488
6. Enhance Mitigation	Applied Mitigation R&D	6.0231.00	Non-fumigant nematicidal strategies for Globodera eradication	Idaho	Academia	\$110,804
6. Enhance Mitigation	Applied Mitigation R&D	6.0608.00	Novel Bio-control and Education/Outreach of Pierces Disease in Texas	Texas	Non-Profit	\$55,402
6. Enhance Mitigation	Applied Mitigation R&D	6.0063.00	Puccinia horiana Efficacy Overwintering Latency Host and Cultivar Susceptibility Isolate Variability	Maryland	Academia	\$167,459
6. Enhance Mitigation	Applied Mitigation R&D	6.0211.00	Regulatory treatments for exotic high risk fruit flies that regularly/are likely to invade the US	Hawaii	APHIS	\$323,547
6. Enhance Mitigation	Applied Mitigation R&D	6.0066.00	Testing of fungicides and disinfectants on Uromyces transversalis along with host resistance	New Jersey	Academia	\$116,648
6. Enhance Mitigation	Other	6.0525.00	Integrated Plant Health Information System/ Reporting	_National	APHIS	\$969,532
6. Enhance Mitigation	Other	6.0334.00	Nez PerceTribe- Bio-control Project -Noxious/Invasive Weeds Survey and control	Idaho	Tribal Nation	\$221,607
6. Enhance Mitigation	Preparation	6.0436.00	Enhancing Exotic Plant Pest Management by Creating New Pest Response Guidelines with University Collaboration	North Carolina	Academia	\$205,286
6. Enhance Mitigation	Preparation	6.0606.00	New Pest Response Guidelines Leveraged Through the National Plant Disease Recovery System	_National	Non-Profit	\$33,241
6. Enhance Mitigation	Preparation	6.0278.00	Pokagon Band Emerald Ash Borer Management Project	Michigan	Tribal Nation	\$84,508
6. Enhance Mitigation	Preparation	6.0223.00	Regional Strategic System for Early Detection of Invasive Species	California	State Government	\$188,366
6. Enhance Mitigation	Preparation	6.0029.00	Regional Strategic System for Early Detection of Invasive Species	Oregon	State Government	\$81,872
6. Enhance Mitigation	Rapid Response	6.0369.00	Deregulation and Enhanced Regulatory Activities of Golden Nematode (Globodera rostochiensis) in NY	New York	APHIS	\$141,275
6. Enhance Mitigation	Rapid Response	6.0605.00	Enhancement of Mexican fruit fly mitigation in Texas	Texas	APHIS	\$2,405,583
6. Enhance Mitigation	Rapid Response	6.0048.00	Georgia Department of Agriculture First Response Team	Georgia	State Government	\$96,952
6. Enhance Mitigation	Rapid Response	6.0523.00	Giant African Snail Mitigation - FL	Florida	State Government	\$1,662,054
6. Enhance Mitigation	Rapid Response	6.0607.00	Plum Pox Virus- NY	New York	State Government	\$955,704
6. Enhance Mitigation	Rapid Response	6.0603.00	RAPID RESPONSE	_National	APHIS	\$280,977
6. Enhance Mitigation	Rapid Response	6.0370.00	Vineyard Snail Eradication	Washington	State Government	\$63,876
6. Enhance Mitigation	Rapid Response	6.0505.00	Wisconsin Tribal USDA APHIS PPQ ICS Training	Wisconsin	Tribal Nation	\$7,535