

U.S. Department of Agriculture (USDA)
Grant and Partnership Programs that can Address Invasive Species Research, Technical Assistance, Prevention and Control

Federal Fiscal Year 2012

Introduction

This workbook contains basic information on programs in USDA that could be used to fund and support invasive species related projects. This list should be a helpful place to start a search for sources of technical and financial resources for invasive species activities but may not include all potential invasive species funding opportunities. USDA contacts for program support listed in the document are current at the time of publication. The contacts listed in the "other grant information" section can assist you in determining which opportunities may fit best with your needs. Please use this workbook to help in your important and vital work in safeguarding and enhancing natural, recreational and agricultural resources.

USDA PROGRAMS

Program name: Agriculture and Food Research Initiative (AFRI) Foundational Program

- Controlling Weedy and Invasive Plants

Agency: USDA National Institute of Food and Agriculture (NIFA)

Funding Method: National competition

Match: Cost sharing or matching may, or may not be required. See the AFRI FY

2012 Request for Applications for details

(http://www.nifa.usda.gov/funding/afri/afri.html

Authority: Section 7406 of the Food, Conservation, and Energy Act of 2008 (FCEA)

(Pub. L. 110-246) amends section 2(b) of the Competitive, Special, and Facilities Research Grant Act (7 U.S.C. 450i(b)) to authorize the Secretary of Agriculture to establish the Agriculture and Food Research Initiative (AFRI); a competitive grant program to provide funding for fundamental and applied research, education, and extension to address food and agricultural sciences.

Eligible Entities: Eligible applicants for Research Projects include: 1) State Agricultural

Experiment Stations; 2) colleges and universities (including junior colleges offering associate degrees or higher); 3) university research foundations; 4) other research institutions and organizations; 5) Federal agencies, 6) national laboratories; 7) private organizations or corporations; 8) individuals who are U.S. citizens, nationals, or permanent residents; and 9) any group consisting of 2 or more entities identified in 1) through 8). Eligible institutions do not

include foreign and international organizations.

Taxa: Invasive plants/weeds

Contact Info: Michael Bowers, National Program Leader (202) 401-4510

(mbowers@nifa.usda.gov)

Purpose: This priority area will support projects that focus on improving our

understanding of relationships between agronomic practices and the

evolution, spread, and subsequent dynamics of herbicide resistance based on an understanding of ecological fitness and gene flow in weed populations <u>and</u>

use of ecological processes, including integrated pest management, to

manage and control weedy and invasive species.

Program name: Agriculture and Food Research Initiative (AFRI) Foundational Program

- Insects and Nematodes

Agency: USDA National Institute of Food and Agriculture

Funding Method: National competition

Match: Cost sharing or matching may or may not be required. See the AFRI FY

2012 Request for Applications for details.

(http://www.nifa.usda.gov/funding/afri/afri.html).

Authority: Section 7406 of the Food, Conservation, and Energy Act of 2008 (FCEA)

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Experiment Stations; 2) colleges and universities (including junior colleges offering associate degrees or higher); 3) university research foundations; 4) other research institutions and organizations; 5) Federal agencies, 6) national laboratories; 7) private organizations or corporations; 8) individuals who are U.S. citizens, nationals, or permanent residents; and 9) any group consisting of 2 or more entities identified in 1) through 8). Eligible institutions do not

include foreign and international organizations.

Taxa; Plant-associated pest and beneficial insects and nematodes

Contact info: Mary Purcell-Miramontes, National Program Leader (202) 401-5168

(mpurcell@nifa.usda.gov)

Purpose: Increase fundamental and applied knowledge of biological and environmental

processes that affect the abundance and spread of plant-associated pest and beneficial insects and nematodes in agricultural systems (includes forests managed for timber or other products). Research on pollinating insects is a particularly important area of research. Any one of the following specific

priorities may be included:

• Signaling mechanisms or communication of pests, biological control agents, or pollinators with plants;

- Ecological, chemical, and genetic interactions of pests, biological control agents, or pollinators with plants, including tritrophic interactions;
- Research that will be applied to ecologically-based management programs (either in the short or long term) of insect pests, pollinators or nematodes; and
- Transgenic technologies to limit the severity of insect pests by making them unable to transmit plant diseases or to feed and develop successfully on plants.

Projects that include an evaluation of plant management are encouraged to include an economic component (how crop yields are affected or a costbenefit analysis). Projects focused on pests of livestock, ornamental plants, turf grass, and urban systems will not be supported.

Additional opportunities for invasive species funding in FY 2012 will be available when Request for Applications (RFAs) are posted for the AFRI Core Programs. For more information please visit the following website: http://www.nifa.usda.gov/funding/afri/afri.html

Program Name: Regional Integrated Pest Management (IPM) Competitive Grants

Program

Agency: USDA National Institute of Food and Agriculture (NIFA)

Funding Method: Regional competition
Match: No matching requirements

Authority: The Authority for funding of research projects in this grant program is

contained in Section 2(c)(1)(B) of the Act of August 4, 1965, Public Law No. 89-106, as amended (7 U.SC. 450i(c)(1)(B)). Authority for the funding of extension projects is contained in Section 3(d) of the Smith-Lever Act of May 8, 1914, ch. 79, 38 Stat. 372, 7 U.SC. 341 et seq. NOTE: For combined effort applications, separate awards will be executed for P.L. 89-106 and

Smith Lever funds.

Eligible Entities: Eligibility for research projects includes: state agricultural experiment stations,

Land Grant colleges and universities, research foundations established by Land Grant colleges and universities, colleges and universities receiving funds under the Act of October 1, 1962 (16 U.S.C. 582a et seq.), and accredited schools or colleges of veterinary medicine. Eligibility for extension projects is limited to land-grant

colleges and universities.

Taxa: Invasive plants/weeds, plant pathogens/diseases, insects, animals, animal

pathogens, diseases, aquatic species.

Contact Info: Robert Nowierski, National Program Leader (202) 401-4900

(rnowierski@nifa.usda.gov)

Purpose: The Regional Integrated Pest Management (IPM) Competitive Grants

Program supports the continuum of research and extension efforts needed to increase the implementation of IPM methods from the development of individual pest control tactics and the integration of tactics into an IPM system, to extension, education, and training. The Program is administered by the four regions (North Central, Northeastern, Southern, and Western) of the Land Grant University system in partnership with NIFA. The goal of Regional IPM Competitive Grants Program is to provide support for projects that develop and help users implement IPM systems that 1) are profitable and environmentally sound over the long term; 2) reduce reliance on pesticides: and 3) protect and conserve ecosystem quality and diversity. It is recognized that the specific needs of each region vary, and thus specific program

priorities will vary among the regions.

Program Name: Wetlands Reserve Program (WRP)

Agency: USDA Natural Resources Conservation Service (NRCS)

Funding Method: Within-State competition based upon State-specific priorities; State

Conservationists, with input from State technical committees, develop

ranking criteria based upon broad national guidelines. Options are permanent

easement, 30-year easement, and restoration cost-share agreements.

Match: USDA pays 75 to 100 percent of restoration costs; landowner pays 0 to 25

percent depending on enrollment type.

Authority: Reauthorized in the Food, Conservation, and Energy Act of 2008

Eligible Entities: Landowners of private lands and Tribes

Taxa: Invasive plants/weeds, plant pathogens/diseases, insects, animals, animal

pathogens, diseases, aquatic species

Contact Info: Jessica Groves, NRCS Program Manager (202) 720-1067,

(jessica.groves@wdc.usda.gov)

Purpose: A voluntary program offering landowners the opportunity to protect, restore

and enhance wetlands on their property. The goal is to achieve the greatest wetland functions and values, along with optimum wildlife habitat, on every

acre enrolled in the program.

Program Name: Conservation Reserve Program (CRP)

Agency: USDA Farm Service Agency (FSA) administers CRP, while technical

support functions are provided by USDA NRCS; USDA NIFA; State forestry agencies; local soil and water conservation districts; and

private sector providers of technical assistance.

Funding Method: Provides annual payments for retirement of environmentally sensitive

croplands and cost share for establishing and maintaining cover; restores herbaceous vegetation for 10 years; restores forested vegetation for 15 years.

Match: 50 percent of establishment costs plus annual payment based on soil rental

rate; funding limit of \$50,000 per accepted application per fiscal year

Authority: Food Security Act of 1985, as amended, and regulations published in 7CFR,

part 1410

Eligible Entities: Individuals and/or groups who have owned highly erodible or cropped

wetlands and for at least one year

Taxa: Invasive plants/weeds, plant pathogens/diseases, insects, animals, animal

pathogens, diseases, aquatic species

Contact Info: Robert Stephenson, Conservation and Environmental Programs Division,

FSA (202) 720-6221 (robert.stephenson@usda.gov) and Patricia Engler,

National Program Manager, NRCS (202) 720-1836

(Patricia.Enger@wdc.usda.gov)

Purpose: The Conservation Reserve Program reduces soil erosion, protects the

Nation's ability to produce food and fiber, reduces sedimentation in streams and lakes, improves water quality, establishes wildlife habitat, and enhances

forest and wetland resources. It encourages farmers to convert highly erodible cropland or other environmentally sensitive acreage to vegetative cover, such as tame or native grasses, wildlife plantings, trees, filter strips, or riparian buffers. Farmers receive an annual rental payment for the term of the

multi-year contract. Cost sharing is provided to establish the vegetation

cover practices.

Program Name: Wildlife Habitat Incentive Program (WHIP)

Agency: USDA NRCS

Funding Method: Within-State competition based upon State-specific priorities; State

Conservationists, with input from State technical committees, develop ranking criteria based upon broad national guidelines. WHIP agreements between NRCS and the participant generally last from 1 to 10 years from the

date the agreement is signed.

Match: Provides both technical and financial assistance to establish and improve fish

and wildlife habitat.

Authority: Food, Conservation, and Energy Act of 2008 reauthorized WHIP

Eligible Entities: Private agricultural land, nonindustrial private forest land, and tribal lands.

Public land and public entities are ineligible for WHIP. .

Taxa: Invasive plants/weeds, plant pathogens/diseases, insects, animals, animal

pathogens, diseases, aquatic species

Contact Info: Albert Cerna (202) 720-9358 (albert.cerna@wdc.usda.gov)

Purpose: A voluntary program for people who want to develop and improve fish and

wildlife habitat on private agricultural land, nonindustrial private forest land,

and tribal land.

Program Name: Environmental Quality Incentive Program (EQIP)

Agency: USDA NRCS

Funding Method: Eligible producers can apply for financial and technical assistance that may

include assistance to implement conservation practices to manage invasive and noxious species. Producers compete for program benefits based upon national, State and local natural resource priorities and ranking criteria; State conservationists, with input from State technical committees and other partner stakeholders, develop natural resource based ranking criteria that proposed projects are scored with. Applications are approved based upon the

environmental ranking score and available funding.

Match: EQIP may provide financial assistance up to 75 percent of the estimated

incurred costs or income foregone of certain approved conservation practices.

Historically underserved producers (Limited resource, beginning, and socially disadvantaged individuals or Tribal entities) may be eligible for

payments up to 90 percent of the estimated incurred costs.

Authority: Reauthorized by the Food, Conservation and Energy Act of 2008 (Public

Law 110-246)

Eligible Entities: Persons who are engaged in livestock or agricultural production on eligible

lands or landowners with an interest in eligible agricultural land may be eligible to apply for EQIP benefits. Other eligibility requirements, such as Adjusted Gross Income (AGI), Payment Limitations, may also apply.

Taxa: Invasive plants/weeds, plant pathogens/diseases, insects, animals, animal

pathogens, diseases, aquatic species

Contact Info: Mark Rose, EQIP Program Team Leader (202) 690-2621

(Mark.Rose@wdc.usda.gov).

Purpose: To provide a voluntary conservation program for farmers and ranchers that

promotes agricultural production and environmental quality as compatible national goals. EQIP offers financial and technical help to assist eligible participants install or implement structural and management practices on

eligible agricultural land.

Program Name: Conservation Reserve Enhancement Program (CREP)

Agency: USDA FSA with technical support from NRCS

Funding Method:

A specific CREP project begins when a State, Indian tribe, local government, or local non-governmental entity identifies an agriculture-related environmental issue of State or national significance. These parties and FSA

develop a project proposal to address particular environmental issues and goals. Enrollment in a State is limited to specific geographic areas and practices. CREP contracts require a 10- to 15-year commitment to keep lands out of agricultural production. CREP provides payments to participants who

offer eligible land.

Match: A Federal annual rental rate, including an FSA state committee-determined

maintenance incentive payment, is offered, plus cost-share of up to 50 percent of the eligible costs to install the practice. Further, the program generally offers a sign-up incentive for participants to install specific

practices.

Authority: Eligible Entities:

U.S. Code Title 16, Chapter 58, Subchapter IV, Part I, subpart b The program is a partnership among producers; Tribal, State, and Federal governments; and, in some cases, private groups. CREP addresses highpriority conservation issues of both local and national significance, such a

priority conservation issues of both local and national significance, such as loss of critical habitat for threatened or endangered wildlife species, soil erosion, and reduced habitat for fish populations such as salmon. The land must have been owned or operated by the applicant for the previous 12 months and must have been planted in crops 2 of the last 5 years and be physically and legally capable of being planted in a normal manner.

Taxa: Invasive plants/weeds

Contact Info: County's Department of Agriculture Service Center.

Purpose: CREP is a voluntary land retirement program that helps agricultural

producers protect environmentally sensitive land, decrease erosion, restore wildlife habitat, and safeguard ground and surface water. Unique State and Federal partnerships allow one to receive incentive payments for installing specific conservation practices. Through CREP, farmers can receive annual rental payments and cost-share assistance to establish long-term, resource-

conserving covers on eligible land.

Program Name: Conservation Innovation Grants (CIG)

Agency: USDA NRCS

Funding Method: Environmental Quality Incentives Program (EQIP) funds are used to award

competitive grants to non-Federal governmental or non-governmental organizations, Tribes, or individuals. CIG enables NRCS to work with other public and private entities to accelerate technology transfer and adoption of promising technologies and approaches to address some of the nation's most

pressing natural resource concerns.

Match: Selected applicants may receive grants up to 50 percent of the total project

cost. Applicants must provide nonfederal matching funds for at least 50 percent of the project cost. An exception allows for beginning and limited resource farmers and ranchers, Tribes and community-based organizations representing these groups to obtain a higher percentage of project matching funds from in-kind contributions. The Federal contribution may not exceed

\$1 million for a single project.

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Authority: CIG was authorized as part of the EQIP [16 U.S.C. 3839aa-8] under Section

1240H of the Food Security Act of 1985, as added by Section 2509 of the Food, Conservation, and Energy Act of 2008 (Public Law 110-246). The Secretary of Agriculture delegated the authority for the administration of EQIP and CIG to the Chief of the NRCS, who is Vice President of the Commodity Credit Corporation (CCC). EQIP is funded and administered by

NRCS under the authorities of the CCC.

Eligible Entities: EQIP funds are used to award competitive grants to non-Federal

governmental or non-governmental organizations, Tribes, or individuals. Project must include participation of producers eligible under EQIP. Project may be watershed based, regional, multi-state or nation-wide in scope.

Invasive plants/weeds, plant pathogens/diseases, insects, animals, animal

pathogens, diseases, aquatic species

Contact Info: Gregorio Cruz, Natural Resources Specialist (202) 720-8071

(Gregorio.Cruz@wdc.usda.gov)

Purpose: Voluntary program to stimulate the development and adoption of innovative

conservation approaches and technologies while leveraging federal investment in environmental enhancement and protection, in conjunction with agricultural production. CIG enables NRCS to work with other public and private entities to accelerate technology transfer and adoption of

promising technologies and approaches to address some of the nation's most

pressing natural resource concerns.

Program Name: Grassland Reserve Program (GRP)

Taxa:

Agency USDA NRCS, FSA, and FS are coordinating this program.

Funding Method: Applications will be rated based on ranking and selection criteria developed

in the states following broad national guidelines. Land eligibility criteria focus on preserving the nation's most critical grassland resources, the native

and natural grasslands and shrub lands.

Match: Participants may choose a 10, 15, or 20-year rental contract with USDA

providing annual payments of not more than 75% of the grazing value of the land covered by the contract for the length of the rental contract with a \$50,000 payment limitation. Or participants may choose a permanent GRP easement held by either the United States or an eligible entity. When applicable, 50% of needed restoration costs up to the \$50,000 payment limitation may be paid for rental contracts and easements held by the United States. For easements held by an eligible entity, USDA will match 50% of

the fair market value.

Authority: Section 2403 of the Food, Conservation and Energy Act of 2008 (Pub. L.

110-246) amended the Food Security Act of 1985 to authorize this program.

Purpose: Participants voluntarily limit future development and cropping uses of the

land while retaining the right to conduct common grazing practices and operations related to the production of forage and seeding, subject to certain restrictions during nesting seasons of bird species that are in significant decline or are protected under Federal or State law. A grazing management

plan is required for participants.

Eligible Entities: Expanding land eligibility criteria to include land that has been historically

dominated by grassland, forbs, or shrubland when it contains historical or archaeological resources, or when it would address issues raised by State, regional, and national conservation priorities. Priority for land previously

enrolled in the Conservation Reserve Program. Requirement for

implementation of GRP management plan. Added authority for eligible

entities to write, own and enforce GRP easements.

Taxa: Invasive plants/weeds, plant pathogens/diseases, insects, animals, animal

pathogens, diseases, aquatic species

Contact Info: NRCS: Elizabeth Crane, GRP Program Manager (202) 720-0242

(Elizabeth.Crane@wdc.usda.gov) and FSA: Jim Williams (202) 720-9562

(jim.williams@wdc.usda.gov)

Purpose: The Grassland Reserve Program (GRP) is a voluntary program for

landowners and operators to protect grazing uses and related conservation values by conserving grassland, including rangeland, pastureland, shrub land, and certain other lands. The program emphasizes support for working grazing operations; enhancement of plant and animal biodiversity; and protection of grassland and land containing shrubs and forbs under threat of conversion.

Program Name: Conservation Technical Assistance (CTA)

Agency: USDA NRCS

Funding Method: Assistance is provided to land users for conservation planning purposes and

for applying conservation measures voluntarily; they must also comply with

local or state laws and regulations.

Match: Not applicable

Authority: Authorized by 16 U.S.C. 590a-f, 590q, 2005b, 3861, and 3862.

Eligible Entities: Private land users, communities, units of State and local government, and

other Federal agencies are eligible recipients.

Taxa: Invasive plants/weeds, plant pathogens/diseases, insects, animals, animal

pathogens, diseases, aquatic species

Contact Info: Dan Lawson National Program Manager (202) 720-5322

(Dan.Lawson@wdc.usda.gov). Eligible participants should contact their

local USDA NRCS office to request assistance.

Purpose: The CTA Program provides technical assistance supported by science-based

technology and tools to help people conserve, maintain, and improve their natural resources. The CTA Program provides the technical capability, including direct conservation planning, conservation practice design, and assistance for practice implementation, that helps people plan and apply conservation on the land. This assistance is provided to individuals, groups, and communities who make natural resource management decisions on private, tribal, and other non-federal lands. The intent of the program is that conservation technical assistance is to be provided in a program-neutral fashion. Thus technical expertise is focused first and foremost on addressing natural resources concerns. Once a conservation plan is in place, financial assistance programs provide a supporting role in implementing those plans

in order to solve resource concerns on the ground.

The CTA Program provides the proven and consistent conservation

technology and delivery infrastructure needed to achieve the benefits of a healthy and productive landscape, and has the following purposes:

- Reduce soil loss from erosion,
- Solve soil, water quality, water conservation, air quality, and agricultural waste management problems,
- Reduce potential damage caused by excess water and sedimentation or drought,
- Enhance the quality of fish and wildlife habitat,
- Improve the long term sustainability of all lands, including cropland, forestland, grazing lands, coastal lands, and developed and/or developing lands, and
- Assist others in facilitating changes in land use as needed for natural resource protection and sustainability.

Program Name: Plant Materials Program

Agency: USDA NRCS

Funding Method: NRCS field offices receive technical information and transfer it to end users,

such as farmers and ranchers.

Match: Not applicable

Authority: The program operates under the basic authority of P.L. 74-46, Apr, 27, 1935,

Ch., 85, Sec. 1, 49 Stat. 163, 16 U.S.C. 590 [a-f]. Other authorities include: 7 CFR Part 613, P.L. 95-192, P.L. 74-210 (7 U.S.C. 1010-1011), and 7 U.S.C.

6962.

Eligible Entities: NRCS provides plant materials assistance for invasive plant species issues

through field offices and conservation districts. The public is not eligible to directly participate in the program. The Plant Materials Program website (http://www.plant-materials.usda.gov) includes technical information on invasive species. NRCS does not provide plants or seed to the public.

Taxa: Invasive plants/weeds, plant pathogens/diseases, insects, animals, animal

pathogens, diseases, aquatic species

Contact Info: John Englert, National Plant Materials Specialist, 202-720-0536,

john.englert@wdc.usda.gov

Purpose: Technical assistance through plant science technology to NRCS field offices

for transfer to end users, such as landowners and land managers. The program provides vegetative solutions for natural resource problems. It develops plant materials and information technology on how to establish and manage plants. The program emphasizes field-testing to determine a plant's

value and restoration techniques.

Program Name: Conservation on Private Lands Program

Agency: USDA NRCS

Funding Method: Competitive grants administered by the National Fish and Wildlife

Foundation

Match: At least 50 percent match required

Authority: Soil Conservation and Domestic Allotment Act, 16 U.S.C. 590a-590f;

Agriculture, Rural Development, Food and Drug Administration, and Related

Agencies Appropriations Act

Eligible Entities: Private landowners, primarily farmers and ranchers

Taxa: Invasive plants/weeds, plant pathogens/diseases, insects, animals, animal

pathogens, diseases, aquatic species

Contact Info: Jody Olson, National Fish and Wildlife Foundation (202) 857-0166 x555

(Jody.Olson@nfwf.org)

Purpose: Conservation and enhancement of wildlife and natural resources on private

lands.

Program Name: Cooperative Conservation Partnership Initiative (CCPI)

Agency: USDA NRCS

Funding Method: Competitive grants program that provides up to \$200,000 for projects

addressing conservation priorities.

Match: Applicants must match CCPI funding 1:1. Up to 100% of the match can be

in-kind contributions.

Authority: CCPI is a component of the Conservation Technical Assistance (CIA)

program established under authorities provided by the Soil Conservation and

Domestic Allotment Act of 1935, 16 U.S.C. 590a et seq.

Eligible Entities: CPI applicants must be a State or local agency, Federally-recognized Indian

tribe, or non-governmental organization that has a history of working with agricultural producers. Individuals, private businesses, and Federal agencies, while not eligible to apply for CCPI funds, are invited to participate as

partners in CCPI projects.

Taxa: The program is not taxa-specific, nor geared toward particular taxa.

Contact Info: Avery Patillo, CCPI Program Manager, (202) 205-4211

(avery.patillo@wdc.usda.gov). Additional information is available at:

http://www.nrcs.usda.gov/programs/cpi/

Purpose: Voluntary program to foster conservation partnerships that focus technical

and financial resources on conservation priorities in watersheds and air sheds

of special significance.

Program Name: Agricultural Management Assistance (AMA) Program

Agency: NRCS has leadership for the conservation provisions of AMA. The

Agricultural Marketing Service (AMS) is responsible for an organic

certification cost-share program. The Risk Management Agency (RMA) is responsible for mitigation of financial risk through a crop insurance program.

Funding Method: Total AMA payments (from NRCS, AMS, and RMA) shall not exceed

\$50,000 per participant for any fiscal year.

Match: The Federal financial assistance rate is up to 75 percent of the cost of the

estimated incurred cost and up to 100 percent of the estimated income

foregone of an eligible practice.

Authority: AMA is authorized under the Agricultural Risk Protection Act of 2000, Title

I, Section 133 Public Law 106-224. Section 524(b), as amended by the Farm Security and Rural Investment Act of 2002, (2002 Farm Bill), and further amended by The Food, Conservation, and Energy Act of 2008 (2008 Farm

Bill).

Eligible Entities: AMA is available in 16 states, where participation in the Federal Crop

Insurance Program is historically low, to applicants that own or control the land and agree to implement specific eligible conservation practices. The 16 states are: Connecticut, Delaware, Hawaii, Maine, Maryland, Massachusetts, Nevada, New Hampshire, New Jersey, New York, Pennsylvania, Rhode

Island, Utah, Vermont, West Virginia, and Wyoming.

Taxa: The program is not taxa-specific, nor geared toward particular taxa.

Contact Info: Dave Mason, AMA Program Manager, (202) 720-1873,

(dave.mason@wdc.usda.gov). Additional information is available at:

http://www.nrcs.usda.gov/programs/ama/index.html/

Purpose: AMA provides financial assistance payments to agricultural producers to

voluntarily address issues, such as water management, water quality, and erosion control by incorporating conservation practices into their farming operations. Producers may construct or improve water management

structures or irrigation structures; plant trees for windbreaks or to improve water quality; and mitigate risk through production diversification or resource

conservation practices, including soil erosion control, integrated pest

management, or transition to organic farming. Contracts are for a minimum of one year after completion of the last practice, but not more than ten years.

Program Name: Conservation Stewardship Program (authorized in the Food, Conservation

and Energy Act of 2008 (Pub. L. 110-246)

Agency: USDA NRCS

Funding Method: Congress authorized the enrollment of 12,769,000 acres for each fiscal year

beginning October 1, 2008, and ending September 30, 2017. Continuous

sign-up for CSP started on August 10, 2009.

Match: No match is required. CSP provides participants with two possible types of

payments. An annual payment is available for installing new conservation activities and maintaining existing activities. A supplemental payment may be earned by participants who also adopt a resource-conserving crop rotation. Through 5-year contracts, payments will be made after October of each year for contract activities installed and maintained in the previous year. For all contracts, CSP payments to a person or legal entity may not exceed \$40,000 in any year and \$200,000 during any 5-year period. Each CSP contract will

be limited to \$200,000 over the term of the initial contract period.

Authority: The Program was created by the Food, Conservation and Energy Act of 2008

(Public Law 110-246), section 2301. NRCS published an Interim Final Rule

in the Federal Register on July 29, 2009. This Program replaces the

Conservation Security Program.

Eligible Entities: CSP is available on Tribal and private agricultural lands, as well as non-

industrial private forest lands in 50 States, the District of Columbia, the Commonwealth of Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands. The program provides equitable access to all producers, regardless of operation

size, crops produced, or geographic location and it is available on a

continuous sign-up basis to private agricultural land and agricultural Indian

lands, including cropland, pastureland, and rangeland.

Producers must meet applicant eligibility requirements that include: being the operator of record in the USDA farm records management system for the eligible land being offered for enrollment; documented control of the land for the term of the proposed contract; and being in compliance with the highly erodible land and wetland conservation provisions of 7 CFR Part 12, and adjusted gross income provisions.

The program is available to Non-industrial private forestland is eligible by special provision, but it can make up no more than 10% of the acres enrolled nationally in any fiscal year. The entire operation must be enrolled and must include all eligible land that will be under the applicant's control for the term of the proposed contract that is operated substantially separate from other operations.

Land enrolled in the Conservation Reserve Program, Wetlands Reserve Program, Grasslands Reserve Program, and Conservation Security Program are ineligible for CSP. Additionally, a participant may not receive payment for land used for crop production after June 18, 2008, that had not been planted, considered to be planted, or devoted to crop production for at least four of the six years preceding that date, unless the land was: previously enrolled in the Conservation Reserve Program; maintained using long-term rotations, such as hayland in rotation; or incidental to the operation but needed for the efficient management of the operation.

How CSP Works: NRCS at the State level, in consultation with the State Technical Committee and local working groups, will focus CSP on natural resources of specific concern for a State or specific geographic areas within a State. Applicants will be ranked relative to other applicants who face similar resource challenges. Agricultural land and non-industrial private forest land will be ranked separately.

Producers interested complete a self-screening checklist to help them decide whether CSP is the right program for them. Once applicant and land eligibility are determined, the NRCS field office assists the producer in completing the conservation measurement tool (CMT). The CMT estimates the level of environmental benefit to be achieved. The CMT conservation performance scoring enables NRCS to determine if the stewardship threshold requirement is met, to rank applications, and to establish payments.

For a pre-approved applicant, NRCS will request the applicant's conservation activity records and conduct on-site field verification to ensure that information provided by the applicant was accurate prior to contract approval. Once information is verified, NRCS and the applicant proceed to develop the contract. Upon approval, the contract will obligate the participant to achieve a higher level of conservation performance by installing additional activities scheduled in their conservation stewardship

plan and to maintain the level of existing conservation performance identified

at the time of application.

Taxa: The program is not taxa-specific, nor geared toward particular taxa.

Contact Info: Jeff White, CSP Program Manager, (202) 720-3524,

(Jeffrey.White@wdc.usda.gov). Additional information is available at:

http://www.nrcs.usda.gov/programs/csp/

Purpose: To encourage producers to address resource concerns in a comprehensive

manner by undertaking additional conservation activities; and improving, maintaining, and managing existing conservation activities. CSP encourages

agricultural and forestry producers to maintain existing conservation activities and adopt additional ones on their operations. CSP provides

opportunities to both recognize excellent stewards and deliver valuable new

conservation.

Program Name: Technical Assistance for Specialty Crops

Agency:

Funding Method:

Match: Authority:

Eligible Entities:

Taxa:

Contact Info: http://www.fas.usda.gov/mos/tasc/tasc.asp

Purpose: Projects should address a sanitary, phytosanitary, or related technical barrier

that prohibits or threatens the export of U.S. specialty crops.

Program Name: Pest Detection (Cooperative Agricultural Pest Survey-CAPS)

USDA Foreign Agricultural Service (FAS)

Agency: USDA Animal and Plant Health Inspection Service (APHIS)

Funding Method: Cooperative Agreements

Match: Matching funds are not required, but are encouraged.

Authority: Plant Protection Act (7 U.S.C. 7701 et seq.)

Eligible Entities: State Departments of Agriculture and their cooperating partners (occasionally

universities)

Taxa: Invasive plants/weeds, plant pathogens/diseases, insects

Contact Info: John Bowers (301) 734-3658 (<u>John.Bowers@aphis.usda.gov</u>)

Purpose: The Pest Detection Program works to ensure the early detection of harmful or

economically significant plant pests and weeds through a nationally-directed survey program through the CAPS network. The program works with State and university cooperators through national, regional, and State-level committees to prioritize survey projects and provides funds for State

cooperators to conduct the agreed-upon surveys. The program also trains and

equips State cooperators to conduct national surveys.

Program Name: Technical Assistance for Specialty Crops

Agency:

USDA Foreign Agricultural Service (FAS)

Funding Method:

Match: Authority:

Eligible Entities:

Taxa:

Taxa:

Contact Info: http://www.fas.usda.gov/mos/tasc/tasc.asp

Purpose: Projects should address a sanitary, phytosanitary, or related technical barrier

that prohibits or threatens the export of U.S. specialty crops.

Program name: Technology Development for the Biological Control of Invasive Native

and Non-Native Plants (BCIP)

Agency: USDA Forest Service Forest Health Protection Forest Health Technology

Enterprise Team (FHTET)

Funding Method: National competition

Match: Cost sharing or matching is required.

Authority: Section 8 [16 U.S.C. 2104] Forest Health Protection of the Cooperative

Forestry Assistance Act of 1978, as amended by Sec.'s 1215 and 1218 of the Food, Agriculture, Conservation and Trade Act of 1990, P.L. 104-624, 104

Stat. 3525 and 3531 Nov. 28, 1990.

Eligible Entities: Projects will be funded as Cooperative Agreements with State agricultural

experimental stations, colleges and universities, other research institutions

and organizations, Federal Agencies, national laboratories, private

organizations or corporations, and individuals. Invasive plants/weeds and bio-control agents.

Contact Info: Dr. Richard Reardon, National BCIP Program Leader

(rreardon@fs.fed.us, 304-285-1566).

Purpose: FHP/FHTET requests proposals at the beginning of each fiscal year for

innovative projects, which will advance the development of biological control of invasive plant technologies. Successful projects will directly address: 1) the development or refinement of a biological control agent (e.g., rearing techniques, insectary development, host range testing, taxonomy); 2)

integrated weed management with a biological control component.

Instructions for preparing and submitting proposals are posted on the FHTET website (http://www.fs.fed.us/foresthealth/biologicalcontrol/index.shtml).

Proposals will be reviewed by the BCIP Technical Working Group. Evaluations are based on scientific merit and the probability of a timely success. Original innovative pilot projects, as well as proposals to expand existing technologies are strongly encouraged. Quarterly and annual progress

reports are required for all projects.

Projects will be funded as Cooperative Agreements. Indirect charges will NOT be reimbursed. At least 25% of the total cost must be provided by the applicant institution. A portion or all of this non-Federal contribution can be

in-kind costs.

Program Name: Various Plant Health Programs

Agency: USDA APHIS

Funding Method: Cooperative Agreements

Match: Matching funds are not required, but are encouraged.

Authority: Plant Protection Act (7 U.S.C. 7701 et seq.)

Eligible Entities: State Departments of Agriculture

Taxa: Invasive plants/weeds, plant pathogens/diseases, insects

Contact Info: Assistant Deputy Administrator, Emergency and Domestic Programs

(301) 734-3769 (David.T.Kaplan@aphis.usda.gov)

Purpose: APHIS conducts a variety of survey, eradication, and management/control

programs for invasive plant pests, diseases, and weeds. Depending on the program, State cooperators may conduct portions of the programs through cooperative agreements with APHIS. For example, APHIS provides funding for affected States to conduct eradication activities for Asian longhorned

beetle and emerald ash borer.

Program Name: Emergency Management Systems

Agency: USDA APHIS

Funding Method: Cooperative agreements

Match: Matching funds are not required, but are encouraged.

Authority: Animal Health Protection Act (7 U.S.C. 8301 et seq.)

Eligible Entities: State Departments of Agriculture and Tribal nations

Taxa: Pests and diseases of livestock

Contact Info: Summer Bailey (301) 734-3593 (Summer.D.Bailey@aphis.usda.gov)

Purpose: The program cooperates with State partners and Tribal governments to

implement and enhance emergency response capabilities for serious foreign

animal disease outbreaks.

Program Name: Various Animal Health Programs

Agency: USDA APHIS

Funding Method: Cooperative agreements

Match: Matching funds are not required, but are encouraged.

Authority: Animal Health Protection Act (7 U.S.C. 8301 et seq.)

Eligible Entities: State Departments of Agriculture and Tribal nations

Taxa: Pests and diseases of livestock

Contact Info: Associate Deputy Administrator for National Animal Health Policy and

Programs (301) 734-8093

Purpose: APHIS conducts a variety of monitoring, survey, eradication, and

management/control programs for invasive animal diseases. Depending on

the program, State

cooperators may conduct portions of the programs through cooperative

agreements with APHIS.

Program Name: Wildlife Services Operations

Agency: USDA - APHIS

Funding Method: Cooperative agreements

Match: Cooperators provide matching funds, normally 50 percent of a project's cost. Authority: Animal Damage Control (ADC) Act of March 2, 1931, (7 USC 426-426b,

and 426c as amended)

Eligible Entities: State and local agencies, businesses, and private citizens

Taxa: Invasive animals

Contact Info: John Sinclair (301) 734-5650 (John.A.Sinclair@aphis.usda.gov)

Purpose: The Wildlife Services Operations program protects U.S. agriculture, natural

resources, property, and human safety and health from wildlife damage and wildlife-borne diseases. The program works with affected States to manage certain invasive species, such as nutria in the Chesapeake Bay area, and to

prevent the brown tree snake from becoming established in Hawaii.

Other Sources of Information on Grants:

Below are some additional resources to help in identifying invasive species resource opportunities. This list represents only a sample of what is potentially out there. Please contact local, State, and Federal agencies directly for additional possibilities. Several foundations and other non-profit institutions may also have programs that may assist you in finding resources for your activities. The best place to look for Federal grants is the new Federal Grants Portal Website: www.grants.gov

- Federal Grants website http://www.grants.gov. There are 26 Federal grant-making agencies and
 over 900 individual grant programs that award over \$350 billion in grants each year. The grant
 community, including state, local and Tribal governments, academia and research institutions,
 and not-for-profits, need only visit one website, Grants.gov, to access the annual grant funds
 available across the Federal government.
- USDA's National Agricultural Library Invasive Species Council web site
 www.invasivespeciesinfo.gov. It has a list of grant opportunities for salt cedar (*Tamarix* sp.)
 control, management, research and education; as well as many other opportunities, see
 http://www.invasivespeciesinfo.gov/toolkit/grants.shtml
- The Pulling Together Initiative is administered by the National Fish and Wildlife Foundation. It provides a means for Federal agencies to be full partners with State and local agencies, private landowners, and interested parties in developing long-term weed management projects within the scope of an integrated pest management strategy. Contact information: http://www.nfwf.org/programs/grant_apply.htm

Conclusion

Listed below are some additional contact names for USDA. These people are the invasive species coordinators from the agencies that sponsor or administer the USDA grant programs above.

USDA Senior Invasive Species Coordinator: Hilda Diaz-Soltero (202) 354-1880; hdiazsoltero@fs.fed.us

APHIS Invasive Species Coordinator: Wendy Hall (301) 734-8950; Wendy.F.Hall@aphis.usda.gov NIFA Invasive Species Coordinator: Robert Nowierski (202) 401-4900; Rnowierski@nifa.usda.gov

ERS Invasive Species Coordinator: Utpal Vasavada (202) 694-5540; vasavada@ers.usda.gov NRCS Invasive Species Coordinator: Doug Holy (202) 720-9096; doug.holy@wdc.usda.gov

The USDA hopes this information is helpful for those working with invasive species. Partnerships and cost-sharing programs help all of us advance our goals of protecting our agricultural resources and ensure safe, healthy land and water for all of us to enjoy. Join with USDA in fighting invasive species: prepare, protect, and prevent. Thank you for all your hard work and all your future work in this important area.