



Animal and Plant Health Inspection Service  
U.S. DEPARTMENT OF AGRICULTURE

# **Apply for Plant Protection Act Section 7721 – Plant Pest and Disease Management and Disaster Prevention Program Funding**

PPA 7721 PPDMDPP Members:

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# INFORMATION PRESENTED

Overview of PPA 7721

The Implementation Plan

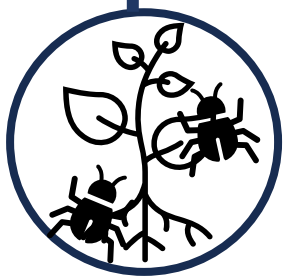
PPDMDPP Goal Areas

Submitting a PPDMDPP Suggestion & ServiceNow

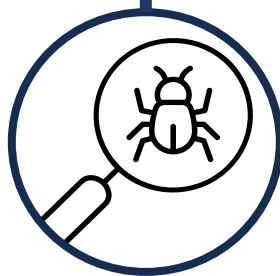
Things to Consider and Components of a Good Suggestion

List of Resources

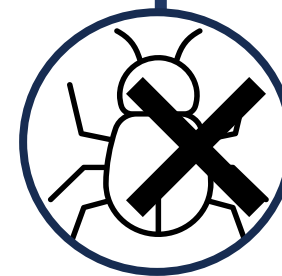
# PPA Section 7721 – An Overview



**2008 Farm Bill Section 10201**  
Establishes the Plant Pest and Disease Management and Disaster Prevention Program



**2014 Farm Bill Section 10007**  
The Plant Pest and Disease Management and Disaster Prevention Program is combined with the National Clean Plant Network



**Plant Protection Act Section 7721**  
Plant Pest and Disease Management and Disaster Prevention Program and the National Clean Plant Network are made permanent and codified under the Plant Protection Act (PPA)

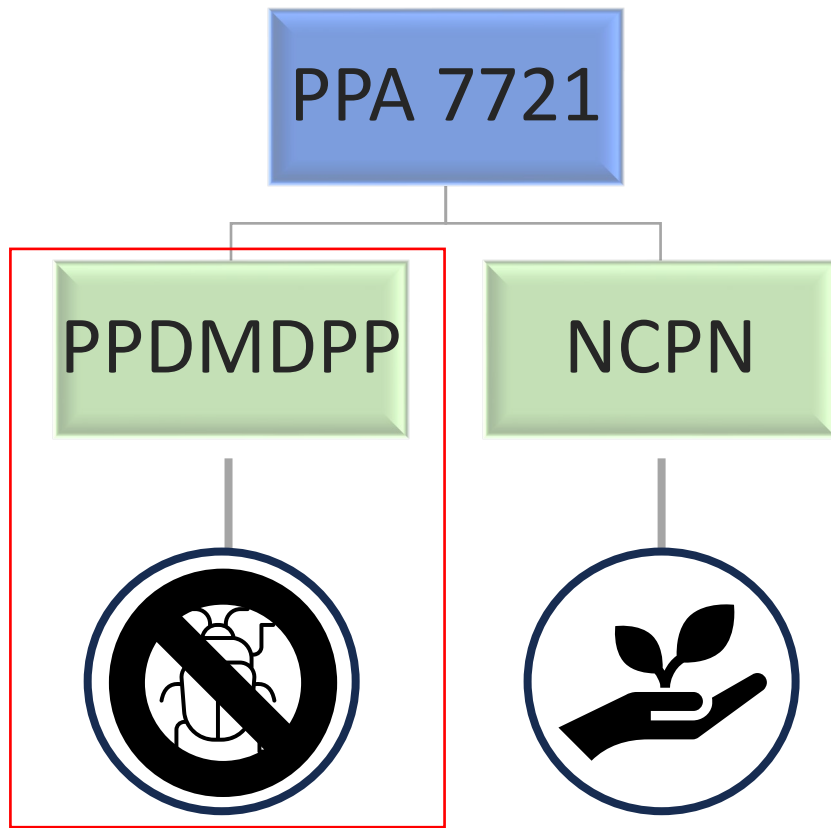


# What is PPA 7721?



Under the Plant Protection Act Section 7721 USDA's Animal and Plant Health Inspection Service (APHIS) offers funding for projects that enhance our ability to safeguard agriculture and facilitate safe agricultural trade.

# PPA 7721 – PPDMDPP & NCPN



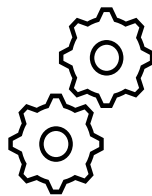
- Plant Pest and Disease Management and Disaster Prevention Program (PPDMDPP): strengthens APHIS' ability to protect agriculture and natural resources from invasive plant pest threats, such as pests and diseases.
- National Clean Plant Network (NCPN): provides high quality asexually propagated plant material free of targeted plant pathogens/pests to protect the environment and ensure U.S. global competitiveness of specialty crops.



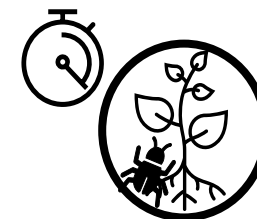
# If you have ideas that...



Enhance or increase  
**surveillance for  
invasive plant pests  
and diseases** that  
impact agriculture  
and natural resources



Increase knowledge,  
tools, skills and  
expertise for invasive  
**plant pest and disease  
prevention or  
response**



Increase capacity to  
**respond to plant  
health emergencies** in  
an efficient and  
timely manner

# PPA 7721 Implementation Plan

## FY 2026 Information for Suggesters

### Open Period Coming Soon

The open period to submit suggestions for PPDMDPP funding will begin in June and last 8 weeks. When the open period begins, an announcement will be available on this page under "Open PPDMDPP Funding Opportunities."

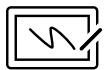
The newly released Fiscal Year (FY) 2026 Implementation Plan provides PPDMDPP background information, objectives and strategies of the six goal areas, and key details to assist in developing high-quality suggestions.

To prepare for submitting suggestions, review the implementation plan and other resources below.

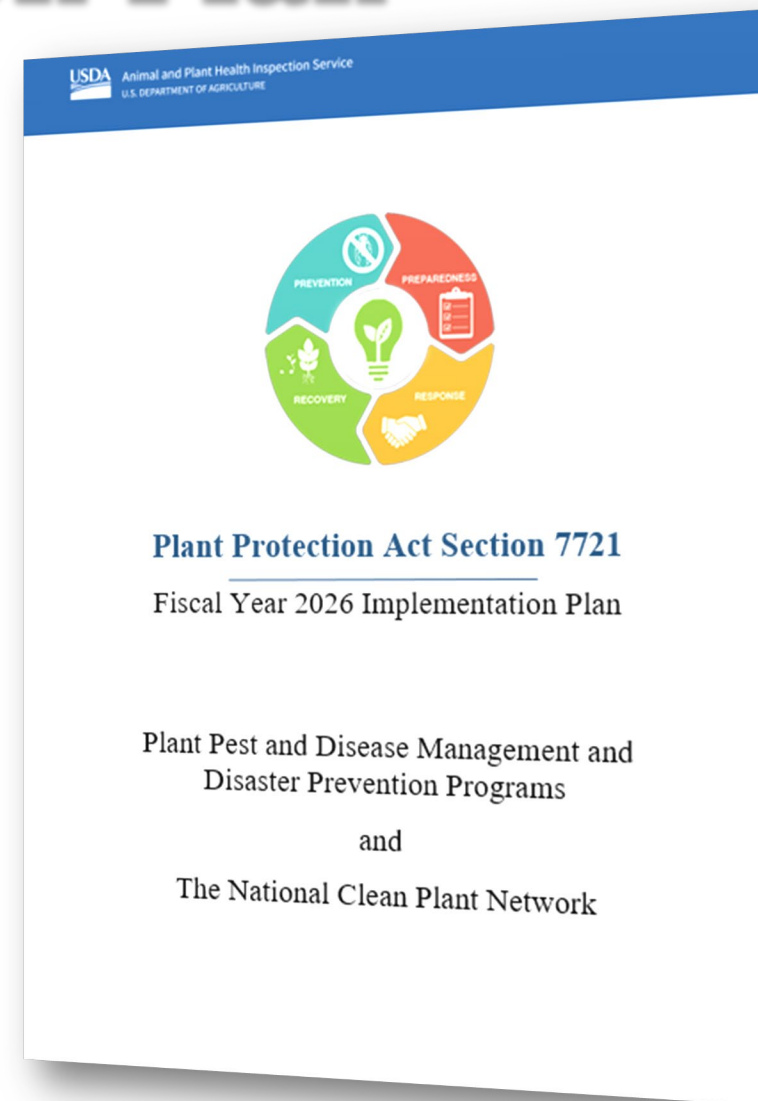
- [FY 2026 Implementation Plan](#) (491.31 KB)
- [Informational Webinars Schedule](#)
- [Guidance for Completing and Submitting a PPDMDPP Suggestion](#) (242.71 KB)
- [Frequently Asked Questions](#) (260.93 KB)



<https://www.aphis.usda.gov/sites/default/files/ppa7721-fy26-implementation-plan.pdf>



Learn about PPQ's pest program priorities, guidance for specific goal areas, and appropriate use of funds



# **The Plant Pest and Disease Management and Disaster Prevention Program (PPDMDPP)**

Under the PPDMDPP, APHIS funds projects in six goal areas:

1. Enhance analysis and survey
2. Targeting domestic inspection
3. Enhance pest identification and technology
4. Safeguarding nursery production
5. Outreach and education
6. Enhance mitigation and response







# Goal Area 1A Objectives

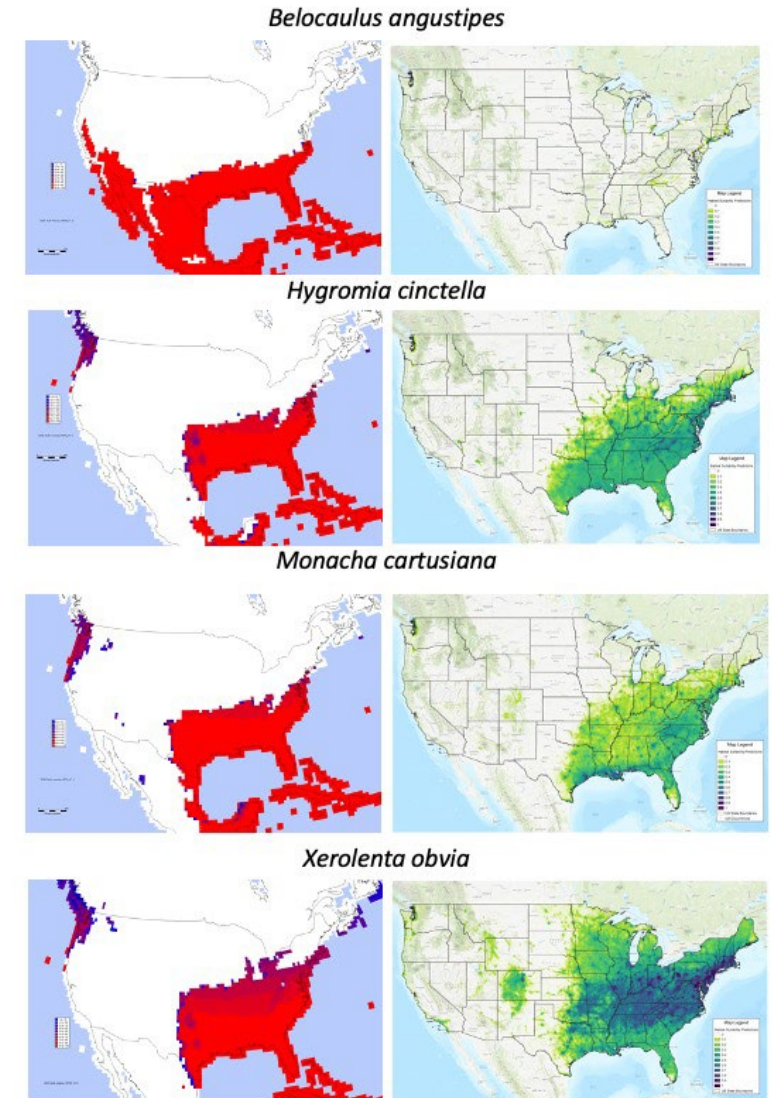
## 1A

### Goal 1A: Enhance Plant Pest and Disease Analysis

Develop analytical tools or methodologies that help APHIS or state partners identify or define pests and pathway risks using available data.

Develop risk-based models and decision-support algorithms, approaches, or tools to reduce the entry, establishment, and spread of plant pest species.

**Example:** Predictive modeling of molluscan agricultural pests to assess probability of invasion



# Goal Area 1S Objectives

## 1S

### Goal 1S: Enhance Plant Pest and Disease Survey

Conduct national priority pest surveys and provide taxonomic expertise and increase capacity in support of agriculture crops, specialty crops, trade, and identified program surveys.

Target multiple high-risk pathways across the United States to prevent exotic plant pest introductions and improve preparedness and response capabilities.



# Goal Area 2 Objectives

2

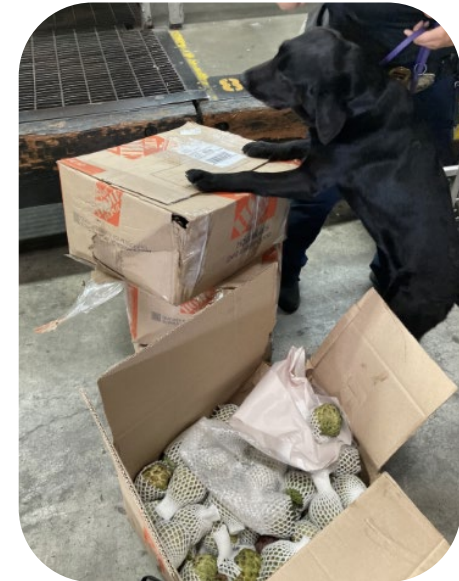


Refer to Appendix F for  
canine utilization

## Goal 2: Targeting Domestic Inspection

Promote and expand inland inspections of high-risk pathways for regulated articles and plant pest movement.

Expand the use of canine teams for domestic inspection activities (excluding domestic survey/detection activities).



Santa Clara County Detector Dog Everest alerting on a package. (Photo courtesy of Santa Clara County.)



# Goal Area 3 Objectives

3



## Goal 3: Enhance Pest Identification and Technology

Improve all aspects of early detection technologies and resources.

Develop or improve diagnostic tests, identification resources, and taxonomic expertise for high priority plant pests.

Perform systematic research, produce identification resources, and/or develop additional expertise and capacity to improve the identification of important plant pests.

# Goal Area 4 Objectives

## 4



### Goal 4: Safeguard Nursery Production

Develop science-based best management practices (BMPs) and risk mitigation practices to exclude, detect, contain, and/or control regulated pests from the nursery production chain.

Support development or improvement of nursery certification programs, including the harmonization of different certification programs (both inter- and intra-state).



# Goal Area 5 Objectives

## 5

### Goal 5: Conduct Targeted Outreach and Education

Provide education and information to key groups.

Increase the number of people actively looking for and reporting high-consequence pests at vulnerable points along high-risk pathways.

Increase public awareness and support for high priority plant pest and disease eradication programs and acceptance of control efforts.



# Goal Area 6 Objectives

## 6

### Goal 6: Enhance Mitigation Capabilities and Rapid Response

Develop or adapt new control technologies, tools, and treatments for use in plant health emergencies and/or established pest programs.

Improve the knowledge base, response options, and capabilities prior to the onset of a plant health emergency.

Support the use of existing tools and initial response protocols for the overarching goals of containment, control, and/or eradication of plant pests.

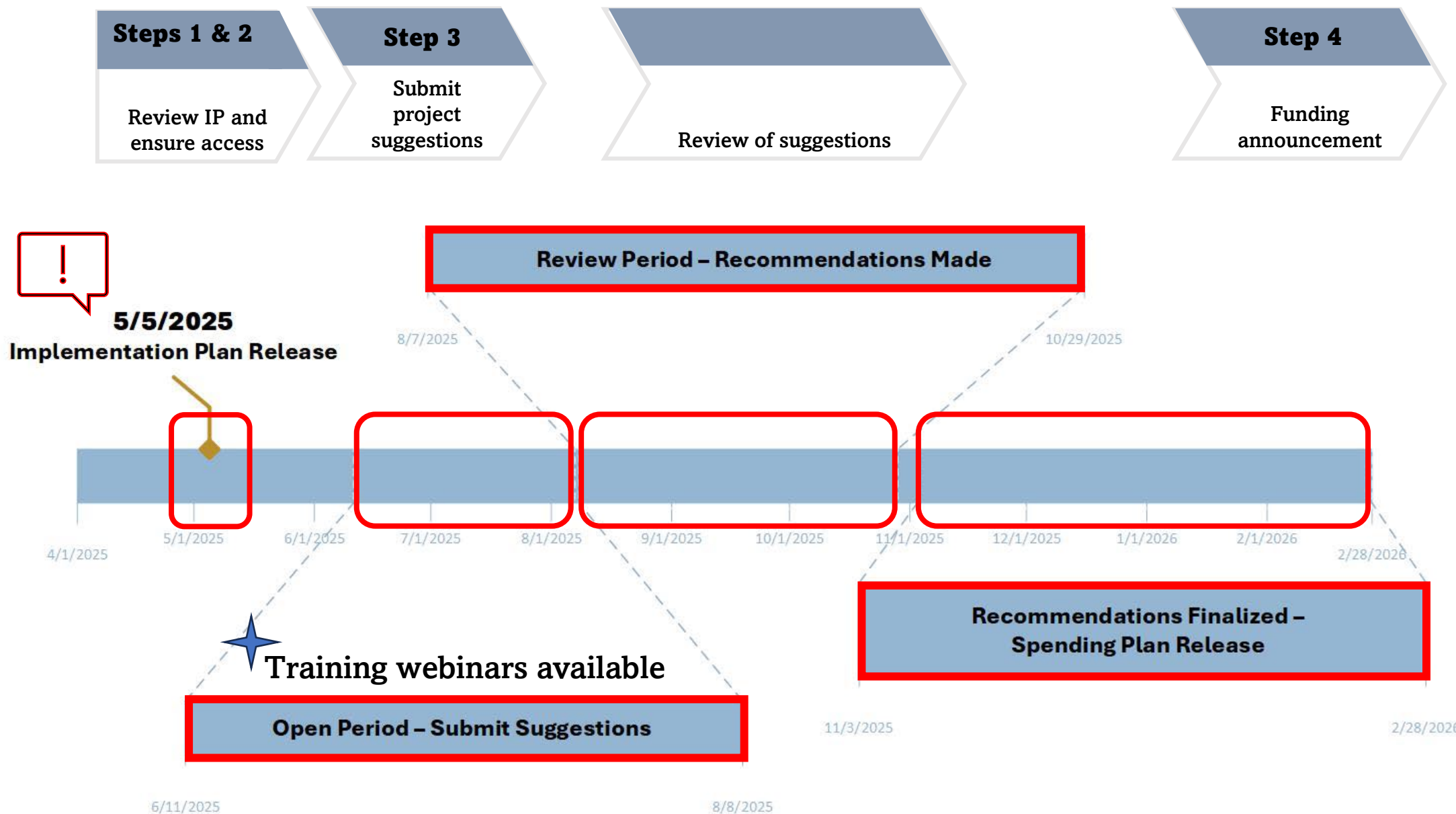


**Example: Development of a portable steam system for treating *P. ramorum* at nurseries**

Principle Investigators: Gary Chastagner and Marianne Elliott



# FY26 PPDMDPP Steps & Timeline



# Who are Cooperators?

A green puzzle piece with a white outline, containing the text "State Agencies".

**State  
Agencies**

An orange puzzle piece with a white outline, containing the text "Colleges & Universities".

**Colleges &  
Universities**

A yellow puzzle piece with a white outline, containing the text "Industry".

**Industry**

A purple puzzle piece with a white outline, containing the text "Non-profit Organizations".

**Non-profit  
Organizations**

A blue puzzle piece with a white outline, containing the text "Tribal Nations".

**Tribal  
Nations**

A pink puzzle piece with a white outline, containing the text "Federal Agencies".

**Federal  
Agencies**

# What Are Cooperative Agreements?

## Grants

Development of  
project without  
assistance from  
both parties

**\*Limited  
involvement**

## Cooperative Agreements

Both parties  
participate in the  
development of  
project objectives  
and activities

**\*Substantial  
involvement**





# Where to Submit a PPA 7721 Suggestion

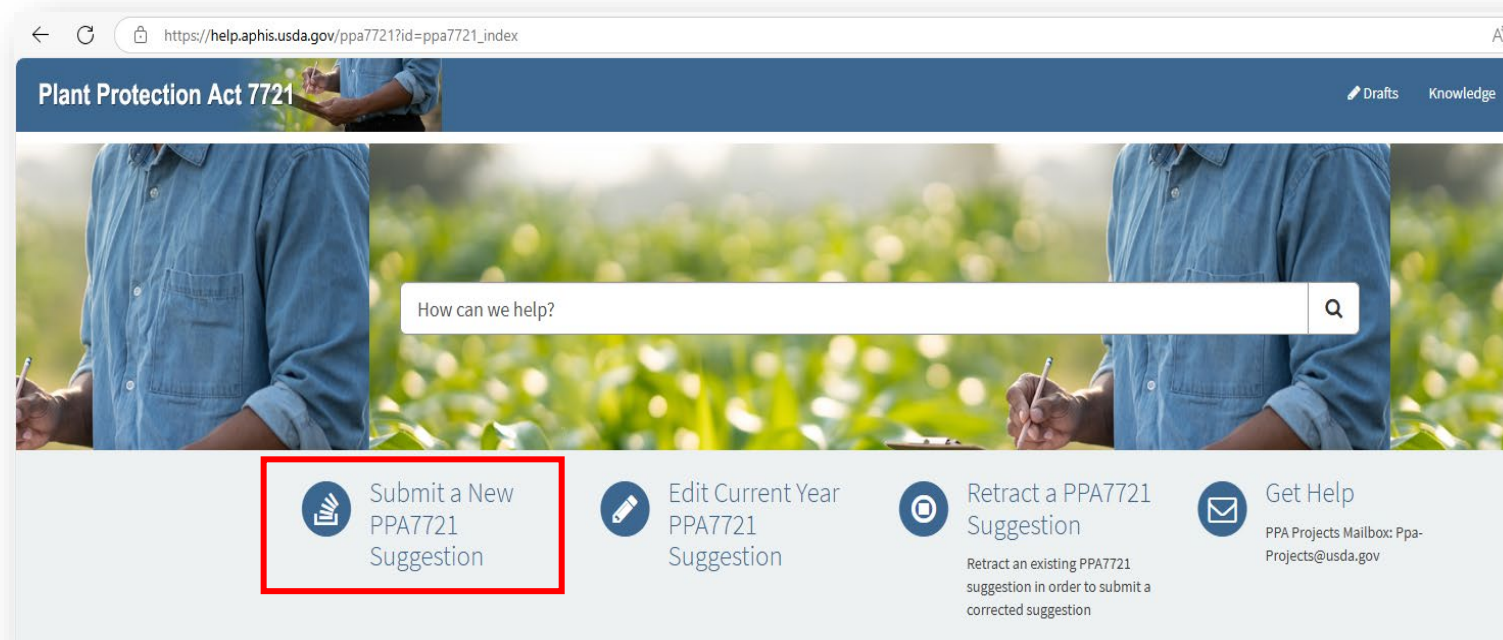


➤ **USDA system used to manage identity and login credentials for a variety of Department applications**

➤ **Additional information available at**

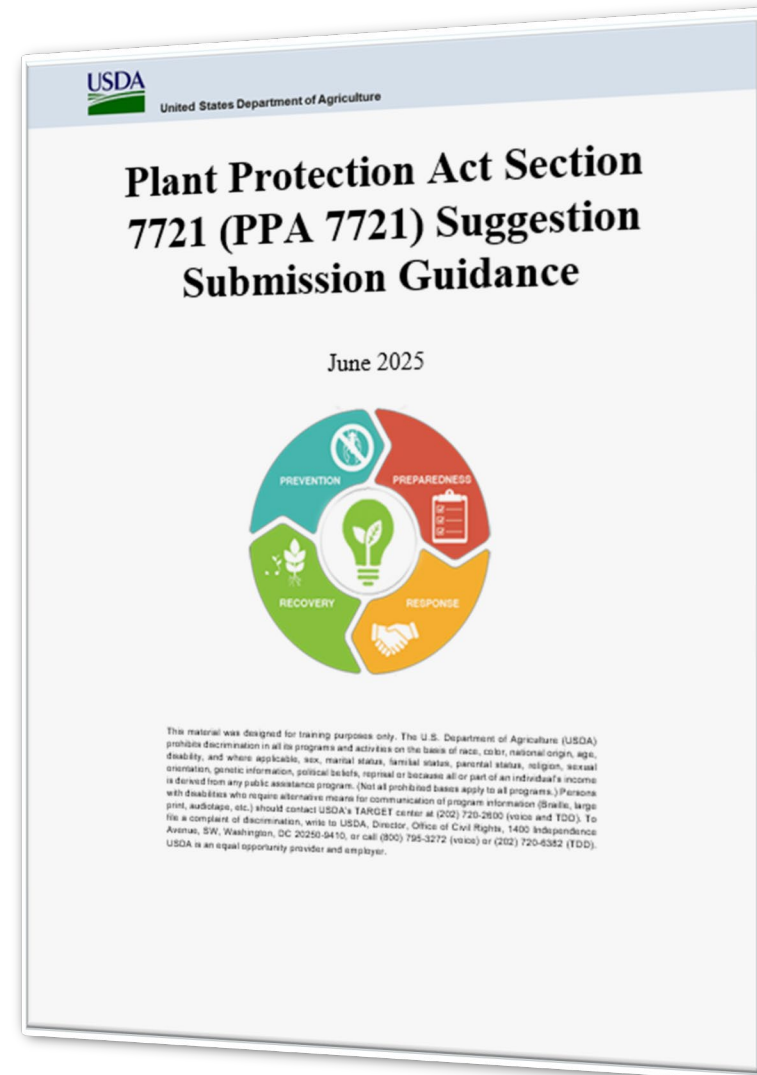
<https://www.eauth.usda.gov/eauth/b/usda/home>

➤ <https://www.youtube.com/watch?v=CreYxWPxbak>



# PPA 7721 Suggestion Submission Guidance

- **Submit suggestions to ServiceNow, link available at:**  
**<https://www.aphis.usda.gov/funding/ppdmdpp>**
- **Review the PPA 7721 Suggestion Submission Guidance document on the PPDMDPP web page**



# **ServiceNow Modifications for FY 2026 (1 of 2)**

## **Modifications to fields**

Removed, changed, and added some fields  
28 fields ◇ FY 25 | 21 fields ◇ FY 26

## **New Goal 1S requirements**

Suggestions require Purpose and Technical  
Approach  
Separate template for Diagnostic Screening  
Labs

## **‘Save as Draft’ functionality**

Submitters can save drafts of their work  
without having to submit the suggestion

\* Please provide specific information and/or examples of relevant past performance

Rich text editor toolbar with options: Paragraph, Bold (B), Italic (I), Text alignment (Left, Center, Right, Justify), List (Bulleted, Numbered), Indentation (Decrease, Increase), Link, Unlink, Image, Source code, and Source. The editor area is currently empty.

\* Milestones

Rich text editor toolbar with options: Paragraph, Bold (B), Italic (I), Text alignment (Left, Center, Right, Justify), List (Bulleted, Numbered), Indentation (Decrease, Increase), Link, Unlink, Image, Source code, and Source. The editor area is currently empty.

 Save as Draft  Submit

Required information

Upload a narrative report to explain project progress to date. Acceptable reports may include mid-year and final reports, or other progress or status reports. Only one file may be uploaded here. [Technical Approach](#)

Please provide specific information and/or examples of relevant past performance [Milestones](#)

# ServiceNow Modifications for FY 2026 (2 of 2)

Real-time walkthrough  
of ServiceNow offered:

Wednesday, June 25  
Monday, July 7

Check out the:

PPA 7721 ServiceNow  
Suggestion Submission  
Guidance

[<https://www.aphis.usda.gov/funding/ppdmdpp>]

# Things to Consider Before Applying

- Funding is for a single year
- If projects include work or deliverables for a federal program pest (see Appendix C), consider speaking with the NPM for the program pest beforehand
- ⓘ Hint: Review Spending Plans from prior years
  - What's been funded in the past
  - Funding received by similar suggestions
  - Past (5) years available at:  
<https://www.aphis.usda.gov/funding/ppdmdpp/program-implementation-activities>

[Home](#) > [Funding](#) > [Funding Opportunities](#) > [Plant Pest and Disease Management and Disaster Prevention Program](#) > Plant Pest and Disease Management and Disaster Prevention Program Implementation Activities, 5-Year Archive

## Plant Pest and Disease Management and Disaster Prevention Program Implementation Activities, 5-Year Archive

Last Modified: January 15, 2025

Expand All

2021	+
2022	+
2023	+
2024	+
2025	-

Spending Plan

- [FY 2025 Spending Plan](#) ⓘ
- [National Press Release](#)



# Questions to Ponder in...



## Developing Suggestions

- Who is the intended user?
- Which regulated pathogen would be impacted from the project?
- How will the tool or method be optimized?
- Do I have all the required tools to develop the product?
- What is the cost of the development of the tool or method, and of the end product?
- What are the roles of each cooperator?
- What are the measures of success?

# **Components of a Good Suggestion (1 of 9)**

**Use a concise, descriptive title outlining activities**

Development of sampling protocols for Bad Disease of apple trees

Grape Commodity Survey

Improving molecular diagnostic tools for identification of Bad Bug

# Components of a Good Suggestion (2 of 9)

**Include detailed background information to justify the need for the work**

**Describe the need or the problem that exists**

**Why a new tool or method is needed, or why does a specific survey need to be conducted? What is the knowledge gap?**

**Example**

Since its introduction to the US in 2021, Bad Bug has been impacting fruit orchards in multiple states, ultimately reducing fruit production. Currently, there is no effective surveillance system available to detect Bad Bug in fruit orchards in the United States. The primary purpose of this project is to develop a survey tool to aid in the detection of Bad Bug in orchards in the United States, and to support the surveillance and area-wide eradication of Bad Bug.

# Components of a Good Suggestion (3 of 9)

## Clearly outline benefits to PPQ and stakeholders

Describe how PPQ and/or stakeholder will benefit from the output of the suggestion

Define the improvements or impacts of the suggestion

### Expected benefits and impact

Having an efficient dry trap for small moths like *P. absoluta* it is expected to:

- Increase processing efficiency of suspect specimens, especially when large numbers of traps need to be processed in surveillance programs.
- Timely and efficient detection of potential suspect specimen as *P. absoluta*.

**Example**



# Components of a Good Suggestion (4 of 9)

**Clearly state all cooperators participating in the project and describe their specific activities with sufficient technical detail.**

**Include all additional participants in the ServiceNow suggestion form**

**Describe which participants will be conducting specific activities**

**Example**

Dr. Pinder-Schloss will be leading the program execution, overseeing the testing of the Survey Tool, and overseeing the scientific analysis behind the Survey Tool research and development. They will also develop the Standard Operating Procedures to support the integration and use of the tool, and the development of the final report.

Joe Smith will be designing and building the sensors that will be used in the Survey Tool.



# Components of a Good Suggestion (5 of 9)

Include a descriptive budget and justification that outlines the need for funds for each activity

Clearly define all budget items

Fully describe how the money is intended to be spent and why that item is needed for the success of the suggestion

Example

ITEM	DOLLAR AMOUNT	DETAILS AND JUSTIFICATION - Provide a brief justification for each budget item. Indicate if the expense is critical for the success of the project and how the project would be impacted if the expense was not approved.
<b>COOPERATOR NAME:</b>		
Dr. Pinder-Schloss, ABC University		
<b>PERSONNEL:</b>		
Principal Investigator (0.2 FTE)	\$42,301	Lead the program execution, oversee the testing of the Survey Tool, and oversee the scientific analysis behind the Survey Tool research and development. Work with APHIS employees to design and execute the field studies. Document and prepare all reports.
Staff Scientist (1.0 FT)	\$61,000	Primarily responsible for carrying out the survey tool testing and data collection throughout the project.
Project Manager (0.1 FT)	\$9,237	Primarily responsible for managing sub-contract and all financial paperwork and adhering to reporting deadlines.
Subtotal	\$112,538	
<b>FRINGE BENEFITS:</b> *see note below		
Principal Investigator (0.2 FTE)	\$12,690	Benefits as 30% of salary
Staff Scientist (1.0 FT)	\$18,300	Benefits as 30% of salary
Project Manager (0.1 FT)	\$2,771	Benefits as 30% of salary
Subtotal	\$33,761	
<b>TRAVEL:</b> **see note below		
<b>Domestic Travel:</b>		
4 trips to field site to test Survey Tool for 2 people (PI and Staff Scientist)	\$5,360	The first 2 trips are required to test the Survey Tool in the field to carry out objective 1. The second 2 trips are needed to develop and test the field kit to carry out objective 2. (Cost per 1 person per trip = \$Airfare: \$350; 2 night hotel: \$200; 2 days of per diem: \$120)
Subtotal	\$5,360	
<b>EQUIPMENT</b>		
Survey Tool operating system package	\$15,050	Purchasing the operating system package is necessary to program the Survey Tool.
Printer	\$250	Purchase of a printer is necessary to print out navigation maps that can be brought into the field during the testing phase.
Subtotal	\$15,300	
<b>SUPPLIES</b>		

# Components of a Good Suggestion (6 of 9)

Include a descriptive budget for each participating cooperator

Include as many tabs in the budget as there are participants in the suggestion

Name any contractors in the primary cooperator tab and include a summary of their contribution

**Example**

	B	C
ITEM	DOLLAR AMOUNT	DETAILS AND JUSTIFICATION - Provide a brief justification for each budget item. Indicate if the expense is critical for the success of the project and how the project would be impacted if the expense was not approved.
1		
2		
3 <b>COOPERATOR NAME:</b>		
4 Dr. Pinder-Schloss, ABC University		
18 <b>EQUIPMENT</b>		
19 Survey Tool operating system package	\$15,050	Purchasing the operating system package is necessary to program the Survey Tool.
20 Printer	\$250	Purchase of a printer is necessary to print out navigation maps that can be brought into the field during the testing phase.
21 Subtotal	\$15,300	
22 <b>SUPPLIES</b>		
23 Lures, traps, seniors, framing material, samples bags	\$4,000	Supplies are needed to build Survey Tool and carry out the field testing.
24 Subtotal	\$4,000	
25 <b>CONTRACTUAL</b>		
26 Contract with University DEF Cooperative Extension	\$8,970	A contract will be executed to develop the sensors for the Survey Tool.
27 Subtotal	\$8,970	
28 <b>OTHER</b>		
29 Rent	\$5,240	Cooperator personnel supporting this project and some computer equipment requiring secure accommodations in offices off-campus.
30 Subtotal	\$5,240	
31 <b>TOTAL DIRECT COSTS</b>	\$185,169	
32 <b>INDIRECT COSTS</b> (not to exceed 15%)	15%	
33 <b>TOTAL</b>	\$212,945	
34		
35		
*Fringe benefits should be calculated as a % of individual personnel costs, commensurate with level of time dedicated by each individual personnel. **Funding is not to be used for purchasing		
<div> <span>&lt;</span> <span>&gt;</span> <span>Start Here</span> <span>Financial Plan</span> <span>Cooperator 1</span> <span>Contractual 1</span> <span>+</span> </div>		

# Components of a Good Suggestion (7 of 9)

Include a descriptive budget for each participating cooperator

In the contractual tab(s), the total should match the contractual cost in the primary cooperator tab

For all cooperators and contractors, include details and justification that outline activities, and why they are needed

	A	B	C
	ITEM	DOLLAR AMOUNT	DETAILS AND JUSTIFICATION - Provide a brief justification for each budget item. Indicate if the expense is critical to the success of the project and how the project would be impacted if the expense was not approved.
1			
2			
3	CONTRACTOR NAME:		
4	University DEF Cooperative Extension		
14	EQUIPMENT		
15	LED module	\$ 600.00	LED modules needed to develop sensor for survey tool 3 LED modules at \$200 each
16	Camera	\$ 1,200.00	Cameras required to develop sensor for survey tool 3 cameras at \$400 each
17	Environmental monitor	\$ 300.00	Environmental monitors needed for sensor system 3 monitors at \$100 each
18	Satellite navigation device	\$ 1,500.00	Satellite navigation devices needed to complete sensor system 3 satellite devices at \$500 each
19	Battery	\$ 1,200.00	Batteries needed to power sensors 3 batteries at \$400 each
20	Solar Panel	\$ 3,000.00	Solar panels needed to power sensors 3 solar panels at \$1000 each
21	Subtotal	\$ 7,800.00	
22	SUPPLIES		
23			
24	Subtotal		
25	OTHER		
26			
27	Subtotal		
28	TOTAL DIRECT COSTS	\$ 7,800.00	
29	INDIRECT COSTS (not to exceed 15%)	15%	
30	TOTAL (Total should equal the amount in CONTRACTUAL subtotal on the first page of the Financial Plan)	\$8,970	
31			
	*Fringe benefits should be calculated as a % of		
	< > Start Here Financial Plan Cooperator 1 Contractual 1 +		

Example

# Components of a Good Suggestion (8 of 9)

Objectives should be specific to a single year project, with longer-term projects providing distinct deliverables for the application year

Include unique objectives and distinct deliverables that can be accomplished in 12 months

Example

The objectives of this project are to:

1. Establish and maintain a colony of tomato pinworm, *Keiferia lycopersicella* (surrogate species for *P. absoluta*) (FDACS)
2. Design and test prototype traps with tomato pinworm (surrogate species for *P. absoluta*) (FDACS and CRF)
3. Design and test prototype traps with tomato leaf miner, *Phthorimaea absoluta* (FDACS and CRF)
4. Conduct preliminary field testing in Florida (FDACS and TIML)

## Deliverables

Expected deliverables of this project include:

- Development of a trap alternative that can be used for *P. absoluta* and potentially other microlepidoptera.
- Efficacy data that compares trap alternatives compared to the current delta trap used for surveillance and monitoring.

# Components of a Good Suggestion (9 of 9)

Describe clear measures of success throughout the project

For each objective:

Consider the activities and steps

Include milestones and performance measures for each step

**Objective 1:** Design and build survey tool that aids in the detection of Bad Bug.

Milestone	Quarter				Performance Measure
	1	2	3	4	
1.1 Select 4 survey tools to test	x				Survey tool/methods selected and procured/described
1.2 Determine most appropriate materials/approach for deployment to accomplish surveillance.	x	x			Materials list generated, parts purchased, methodology described in detail
1.3 Construct survey tool /methodology and complete operation tests		x	x		New survey tool developed and initially tested
1.4 Conduct replicated experiments with 4 trap/ methods and select the most effective method			x	x	Most effective trap/ methodology determined and field validated
Final Report			x	x	Report final results for objective



# Review Process & Evaluation Criteria (1 of 2)

- Internal and External Participants
- Coordinated review
- Leading to rating, then ranking of suggestions



## Strategic Alignment

Plant Protection Act  
Section 7721



## Impact/Outcome

Project Results



## Feasibility

Resources, partnerships,  
process



## Past Performance, Best Practices and Innovation



## Budget

# Review Process & Evaluation Criteria (2 of 2)

What suggerter  
errors will result in a  
suggestion  
being eliminated  
from consideration?



Does not address an invasive plant pest issue



Submitted under the wrong goal area



Fails to use the most  
current template(s)

Goal 1S  
Budget



Missing required  
documentation

- Templates
- Progress Report



Incomplete suggestion

Not all questions  
answered



# PPDMDPP Timeline

Open Period  
June – August

Review Period  
August – October

Decision Making  
October–December

Spending Plan  
Release  
Tentatively February

Suggestions  
submitted by  
cooperators

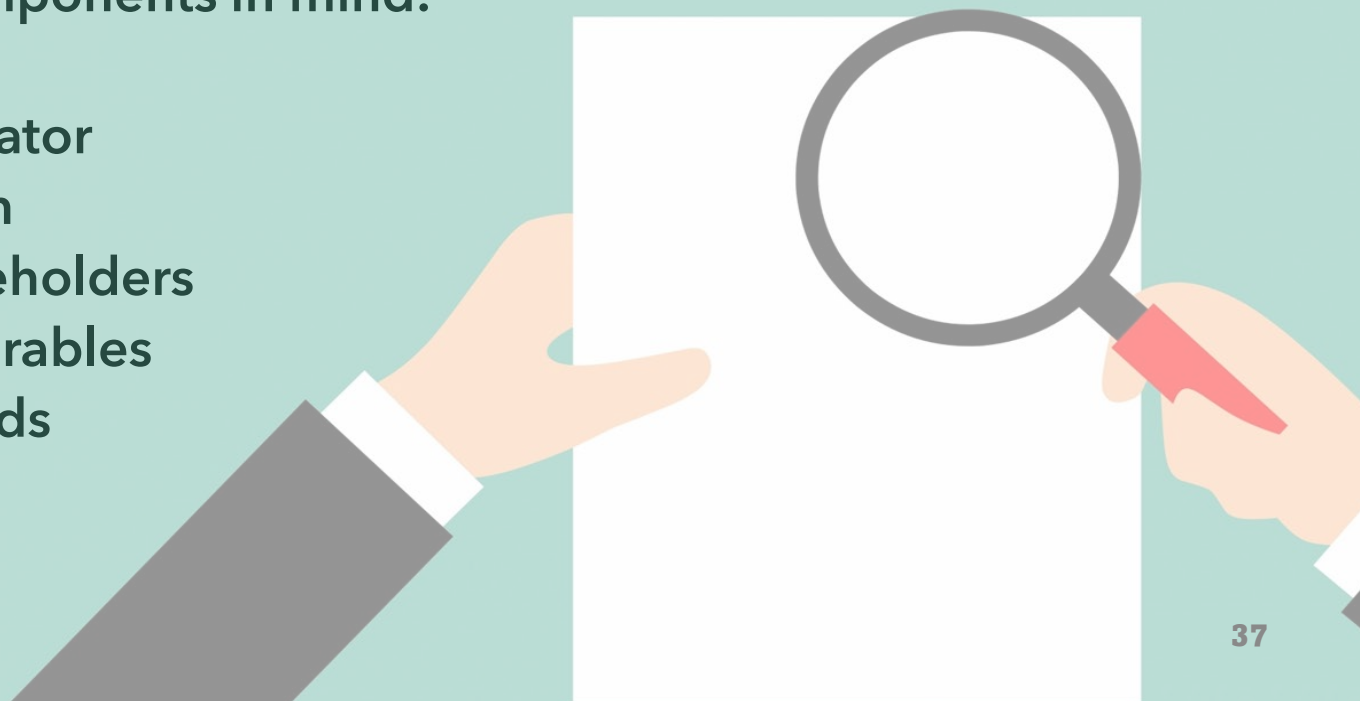
Reviewed by subject  
matter experts, State  
Plant Health Directors,  
State Plant Regulatory  
Officials, Cross  
Functional Working  
Groups, and Goal  
Teams

Funding decisions  
are reviewed by the  
PPA 7721 Cross  
Functional Working  
Group and PPQ  
Management Team

Spending plan  
posted to the PPA  
7721 website and  
ADODRs contact  
cooperators  
receiving funding

# Let's go through a checklist

- ✓ Review the FY 2026 Implementation Plan
  - ✓ Identify the appropriate goal area for suggestion idea
    - \*must be a single goal area\***
    - ✓ Within the goal area, what objective and strategies will this project incorporate?
- ✓ Develop suggestion activities with these components in mind:
  - ✓ Concise, descriptive title
  - ✓ Define specific activities for each cooperator
  - ✓ Provide detailed background information
  - ✓ Clearly outline benefits to PPQ and stakeholders
  - ✓ Provide single year objectives and deliverables
  - ✓ Describe budget and justification for funds
- ✓ Submit suggestion during open period from  
**June 11 - Aug. 6**



# Resources

## PPA 7721 Website:



<https://www.aphis.usda.gov/funding/ppdmdpp>

## Stakeholder registry:



<https://public.govdelivery.com/accounts/USDAAPHIS/subscriber/new>

- ☐ Plant Health Information
  - ☐ Plant Health in the US (Domestic)
    - ☐ Pest Management
      - ☒ Plant Protection Act Section 7721 ⓘ
      - ☒ Plant Pest and Disease Management and Disaster Prevention Programs ⓘ
      - ☒ National Clean Plant Network (NCPN) ⓘ

## Contact us at:



[ppa-projects@usda.gov](mailto:ppa-projects@usda.gov)



# Contribute to PPA 7721 as a Reviewer

- Be part of the solution in solving problems for U.S. agriculture and natural resources
- We need subject matter experts to review suggestions during the review period
- Benefits include
  - CV/resume experience
  - Behind-the-scenes knowledge of the PPA 7721 process
- Contact us at [ppa-projects@usda.gov](mailto:ppa-projects@usda.gov)



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# Any Questions?



PPDMDPP website  
<https://www.aphis.usda.gov/funding/ppdmdpp>