



Agricultural Marketing Service

U.S. DEPARTMENT OF AGRICULTURE

AWARD YEARS 2021 AND PRIOR

This annual Performance Progress Report (PPR) must illustrate the progress made toward the completion of your project. If this project is completed at the time of the annual PPR submission, the project report should be marked as final. Please note character limits (abbreviated "char.") throughout.

PROJECT INFORMATION

Project Title (250 char.)	Integrating Early Season Cover Crops to Improve Sustainability of South Dakota Vegetable Farms
Organization Name (250 char.)	
Project Start Date	09/30/2021
Project End Date	06/30/2024

ORGANIZATION POINT OF CONTACT

Full Name	Kristine Lang
Phone Number	605-688-5796
Email Address	kristine.lang@sdstate.edu

BACKGROUND INFORMATION

PROJECT PROGRESS

Please provide the total percentage of work completed on the project.	100%
Is this a final report? Please select the box to the right if the answer is "yes".	☐

PROJECT BACKGROUND (REQUIRED FOR FINAL REPORTS)

Provide enough information for the reader to understand the importance or context of the project and any key findings. This section may draw from the background and justification contained in the accepted project plan. As the project has been completed, write this section in past tense. If this is an annual report, please skip this section. (1200 char.)

Managing weeds, improving soil health, and reducing the use of plastic mulch continue to be priorities for South Dakota vegetable farmers. Clover cover crops used as a living mulch within and along cash crop rows may aid in weed suppression, nitrogen fixation, and prevent soil erosion. Research conducted in 2022 and 2023 in eastern South Dakota investigated the effects of four clover and four in-row soil management treatments on broccoli, peppers, and organic winter squash production for small-scale vegetable farms in the Northern Great Plains. We hypothesized that the bare ground treatment and tilled clover treatments would produce the highest cash crop yields, while clover and no-till treatments would suppress the most weeds. Weed height and biomass decreased throughout the season in broccoli production but increased for squash due to poor cover crop establishment in the spring for both years. Results from this trial highlight potential challenges and opportunities for managing clover cover crops as a living mulch during the first year of establishment for organic winter squash and fall broccoli production.

OBJECTIVE(S) (REQUIRED)

Please provide the approved project's objectives from the accepted project plan. Use the boxes to indicate if the objective is in progress, has been completed, or is not (and will not be) completed. At the final report, if "no" is selected for any of the listed objectives, you must expand upon this in the Challenges and Developments Section. Additional objectives may be added as needed.

+	#	Objective (2,000 char.)	Objective Completed?
-	1	Assess three perennial clovers (under multiple management systems) as an early season cover crop and summer living mulch for production of solanaceous, brassica, and cucurbit crops to develop more sustainable and resilient cropping systems.	Yes
-	2	Engage specialty crop producers as project advisors, on-farm trial collaborators, and peer educators to improve on-farm practices and empower producers to scale up operations.	Yes
-	3	Share research results and crop production best practices with current and aspiring specialty crop producers through field days, an annual South Dakota Vegetable Short Course, and a variety of print and digital media.	Yes
-	4	Engage Master Gardeners, consumers, undergraduate students, and youth in research field tours and presentations to increase awareness of the South Dakota specialty crop industry.	Yes

OUTCOMES

Please only report on the outcomes and indicators that are selected and approved for this project. Use the check boxes to indicate which outcomes and indicators are selected. Select the "N/A" box for any indicators that are not applicable.

1. ENHANCE THE COMPETITIVENESS OF SPECIALTY CROPS THROUGH INCREASED SALES

☐

2. ENHANCE THE COMPETITIVENESS OF SPECIALTY CROPS THROUGH INCREASED CONSUMPTION

☒

Please provide the total number of children and youth reached and select the applicable indicators for this reporting period.

Indicators	Value	N/A
1. Total number of children and youth	322	☐
1.a. Of the total number in 1, enter the number of children and youth that gained knowledge about eating more specialty crops		☒
1.b. Of the total number in 1, enter the number of children and youth that reported an intention to eat more specialty crops	65	☐

Indicators	Value	N/A
1.c. Of the total number in 1, enter the number of children and youth that reported eating more specialty crops		☒

Please provide the total number of adults reached and select the applicable indicators for this reporting period.

Indicators	Value	N/A
2. Total number of adults reached	1,198	☐
2.a. Of the total number in 2, enter the number of adults that gained knowledge about eating more specialty crops		☒
2.b. Of the total number in 2, enter the number of adults that reported an intention to eat more specialty crops	110	☐
2.c. Of the total number in 2, enter the number of adults that reported eating more specialty crops		☒

Please provide the number of new and improved technologies and processes to enhance the nutritional value and consumer acceptance of specialty crops (excluding patents) for this reporting period.

Indicators	Value	N/A
3. Number of new and improved technologies and processes		☒

Please provide the number of new specialty crops and/or specialty crop products introduced to consumers this reporting period.

Indicators	Value	N/A
4. Number of new specialty crops and/or specialty crop products		☒

3. ENHANCE THE COMPETITIVENESS OF SPECIALTY CROPS THROUGH INCREASED ACCESS AND AWARENESS ☐

4. ENHANCE THE COMPETITIVENESS OF SPECIALTY CROPS THROUGH GREATER CAPACITY OF SUSTAINABLE PRACTICES OF SPECIALTY CROP PRODUCTION RESULTING IN INCREASED YIELD, REDUCED INPUTS, INCREASED EFFICIENCY, INCREASED ECONOMIC RETURN, AND/OR CONSERVATION OF RESOURCES ☒

Please provide the numbers of plant/seed releases (e.g., cultivars, drought-tolerant plants, organic, enhanced nutritional composition, etc.) for this reporting period.

Indicators	Value	N/A
1. Number of plant/seed releases		☒

Please select the applicable indicators and provide data for the adoption of best practices and technologies resulting in increased yields, reduced inputs, increased efficiency, increased economic return, and conservation of resources for this reporting period.

Indicators	Value	N/A
2.a. Number of growers/producers indicating adoption of recommended practices	306	☐
2.b. Number of growers/producers reporting reduction in pesticides, fertilizers, water used/acres		☒
2.c. Number of producers reporting increased dollar returns per acre or reduced costs per acre		☒
2.d. Number of acres in conservation tillage or acres in other best management practices	15	☐

Please provide the total number of adults reached and select the applicable indicators for this reporting period.

Indicators	Value	N/A
3. Number of habitat acres established and maintained for the mutual benefit of pollinators and specialty crops		☒

5. ENHANCE THE COMPETITIVENESS OF SPECIALTY CROPS THROUGH MORE SUSTAINABLE, DIVERSE, AND RESILIENT SPECIALTY CROP SYSTEMS



Please provide data for the applicable indicators for this reporting period.

Indicators	Value	N/A
1. Number of new or improved innovation models (biological, economic, business, management, etc.), technologies, networks, products, processes, etc. developed for specialty crop entities including producers, processors, distributors, etc.	3	☐
2. Number of innovations adopted		☒
3. Number of specialty crop growers/producers (and other members of the specialty crop supply chain) that have increased revenue expressed in dollars		☒
4. Number of new diagnostic systems analyzing specialty crop pests and diseases		☒
5. Number of new diagnostic technologies available for detecting plant pests and diseases		☒
6. Number of first responders trained in early detection and rapid response to combat plant pests and diseases		☒
7. Number of viable technologies/processes developed or modified that will increase specialty crop distribution and/or production		☒
8. Number of growers/producers that gained knowledge about science-based tools through outreach and education programs	1,191	☐

6. ENHANCE THE COMPETITIVENESS OF SPECIALTY CROPS THROUGH INCREASING THE NUMBER OF VIABLE TECHNOLOGIES TO IMPROVE FOOD SAFETY



7. ENHANCE THE COMPETITIVENESS OF SPECIALTY CROPS THROUGH INCREASED UNDERSTANDING OF THREATS TO FOOD SAFETY FROM MICROBIAL AND CHEMICAL SOURCES



8. ENHANCE THE COMPETITIVENESS OF SPECIALTY CROPS THROUGH ENHANCING OR IMPROVING THE ECONOMY AS A RESULT OF SPECIALTY CROP DEVELOPMENT



ADDITIONAL APPROVED OUTCOME (IF APPLICABLE)



OUTCOME REMARKS (REQUIRED)

Please explain any quantifiable results, along with an update on their progress and data collection efforts for each of the outcomes and indicators selected in the accepted project plan. It is understood that the results may not yet be final at the time that this report is submitted; however, please provide an update on progress to date. If you do not have any data on the indicator(s) listed above, you must explain why in this section. (2,000 char.)

Data for all outcome indicators was collected via visual counts of attendees and/or registration data. Post-event evaluations were used for as many events as possible to ask about knowledge change and adoption of practices. There was limited data on intent to consume more specialty

crops due to limited use of evaluations after public tours.

Acres in cover crops is calculated based on a 2024 discussion with key SD farmers contacts and trial collaborators.

Outcome 2, Indicator 1.b.

Of the 50 children and youth reached, 38 will report an intention to eat more specialty crops.

Outcome 2, Indicator 2.b.

Of the 100 Master Gardeners, adult consumers, and undergraduate students reached, 90 will report an intention to eat more specialty crops.

Outcome 4, Indicator 2.a.

50 specialty crop producers will indicate adoption of recommended practices for early season cover crop integration.

NARRATIVE

ACCOMPLISHMENTS (REQUIRED)

If this is an annual report, list your accomplishments for this reporting period. If this is a final report, your accomplishments should be cumulative and include all accomplishments previously reported on and updated to include activities conducted this past reporting period. Indicate how these accomplishments associated with each of your project's objective(s), outcome(s), and/or indicator(s). This listing should identify your project's partners and their contributions. Additional accomplishments can be added as needed.

+	#	Accomplishment (1,200 char.)	Related to (Objective/ Outcome)
-	1	2022: The 1 st year of field research occurred at two locations owned and operated by South Dakota State University (SDSU): 1) the SDSU Specialty Crop Field (SDSU-SCF) on SDSU's main campus in Brookings, SD and 2) the SDSU Southeast Research Farm (SDSU-SERF) in Beresford, SD. Field research activities were completed under the leadership of Alexis Barnes, Graduate Research Assistant.	Obj 1
-	2	2022: South Dakota specialty crop producers engaged with the project team (Kristine Lang and Rhoda Burrows) through virtual listening sessions at the SD Local Foods Conference with 29 attendees (November 5, 2021,) and a targeted small group discussion with 3 farmers (January 19, 2022). Presentations about the project plan were delivered to the SD NRCS Urban Agriculture and Innovative Production Subcommittee with 21 attendees (February 1, 2022), SDSU Southeast Research Farm Board meeting with 17 attendees (February 10, 2022), and SD NRCS Technical Training Thursday for 110 live attendees (April 28, 2022). These presentations resulted in farmer and governmental partner feedback that improved the project plan and implementation.	Obj 2

-	3	2022: Cedar Creek Gardens served as the on-farm trial collaboration site April-October 2022. Peggy Martin and Bud Manke have given project Ongoing progress towards grant Objective 2.	Obj 2
-	4	2022: Project updates and findings to date were shared at the Southeast Farm Annual Field Day (13 attendees) (July 12, 2022 - Beresford) and the 2 nd Annual Specialty Crop Field Day (97 attendees) (September 15, 2022 - Brookings). A field day evaluation was distributed and collected at the Brookings event. Rhoda Burrows, Kristine Lang, and Alexis Barnes collaborated for both field day presentations.	Obj 3
-	5	2022: An SDSU Extension web article outlining the research trial for peppers and broccoli was published on September 20, 2022 (https://extension.sdstate.edu/integrating-clover-cover-crops-pepper-and-broccoli-production). SDSU Extension and the SDSU Southeast Farm promoted the trial and affiliated outreach 4x throughout the season via Facebook. The SDSU Extension team collected photos at both the Beresford and Brookings site locations and filmed a short video at the Brookings location. https://youtu.be/K6lSeJ6p6aw?si=HJoVsqqehZG7K6ju	Obj 3
-	6	2022: Kristine Lang presented cover crop education for Master Gardeners, youth, and non-profit partners through virtual presentations (Master Gardener Virtual Lunch and Learn, July 2022 (45 live attendees)); tours (SDSU Winter Meet and Greet, February 2022 (17 attendees), Custer Mile High Garden Club, July 2022 (8 attendees), Dakota Dreams Summer Camp, July 2022 (100 youth attendees)); and site visits across the state to discuss cover crop use (Pine Ridge Reservation (3 locations) and Youth & Family Services in Rapid City, SD(1 location with 3 staff)), June 2022.	Obj 4
-	7	2023: The second year of field research was completed in Brookings, Beresford, and Midland, SD under the leadership of Kristine Lang, Graduate Research Assistant, Alexis Barnes; and Bud Manke and Peggy Martin of Cedar Creek Gardens.	Obj 1 and 2
-	8	2023: Year one project findings were shared through videos (2) and publications (3) which can be found at the following links: https://extension.sdstate.edu/clover-cover-crops-living-mulch-pepper-production-eastern-south-dakota-2022-preliminary-results https://extension.sdstate.edu/clover-cover-crops-living-mulch-broccoli-production-eastern-south-dakota-2022-preliminary-results https://openprairie.sdstate.edu/agexperimentsta_rsp/283/ https://www.youtube.com/watch?v=wwV7Um0Zvzo https://www.youtube.com/watch?v=K6lSeJ6p6aw	Objectives 1, 3 and 4
-	9	2023: The first annual SD Virtual Vegetable Short Course was held on four evenings in January and February 2023. 403 people registered for the event link and over 100 people tuned in live each evening. Speakers from Iowa and South Dakota shared soil health best practices. Peggy Martin and Kristine Lang each spoke specifically about this grant project and their findings. This was the largest participation for a specialty crop event hosted by SDSU Extension. Over 90% of participants reported learning one or more new things as a result of the event; 75% reported that they would share what they learned, and over 50% of participants reported they would implement a new practice as a result of attending the short course.	Objectives 2, 3, and 4

-	10	2023: Living mulch trials were highlighted through a field day at each of the three project sites with participants including consumers, Master Gardeners, vegetable farmers, and technical service providers in Beresford (49), Midland (14) and Brookings (84). Of these 147 total participants, 90% reported learning one or more new things, an intention to share what they learned, and a desire to adopt a new practice on their farm because of what they learned!	Objectives 2, 3, and 4
-	11	2023: The SDSU team shared information about project findings, soil health, and cover crops through 13 additional presentations and tours. These events included youth, students, farmers, scientists, technical service providers, and Master Gardeners and were held in South Dakota, regionally, and virtually reaching approx. 600 people.	Objectives 3 and 4
-	12	2024: Alexis Barnes, Kristine Lang, and Rhoda Burrows collaborated to produce 2 Extension fact sheets about peppers and broccoli and one SDSU Southeast Research Farm Report. The results of the Southeast farm trial were also reported in a presentation to the farm's board of directors in January 2024. https://extension.sdstate.edu/2023-evaluation-newly-established-clover-cover-crops-living-mulch-sustainable-broccoli-production https://extension.sdstate.edu/did-deer-persevere-2023-evaluation-clover-cover-crops-living-mulch-pepper-production-eastern-south https://extension.sdstate.edu/trials-and-tribulations-growing-squash-and-cabbage-living-mulch-reduced-tillage-systems	Objectives 2, 3, and 4
-	13	2024: The 2nd Annual South Dakota Virtual Vegetable Short Course was held on January 22, 24, 29, and 31. 318 people registered for the event link and average live attendance was 90 people per 1.5-hour webinar. Topics covered included high tunnel soil health presented by Natalie Hoidal of the University of Minnesota, High Tunnel IPM presented by Laura Ingwell of Purdue University, cover crop integration by Moriah Bilenky of Purdue University, and a research panel presentation by four SDSU graduate students including Alexis Barnes. All recordings were posted on a virtual playlist after the event: https://youtube.com/playlist?list=PLlIdDb7IZYqKhTtNIGYQKglwuA8Vc24Wq&si=UqCcSwNPA1_hW4NV . Views range from 80-174 views per webinar video. 96% of attendees who completed evaluations reported learning at least two new things after attending the webinars.	Objectives 2, 3, and 4
-	14	2024: Alexis Barnes and Kristine Lang continued to deliver project presentations, sharing results and answering attendee technical questions through a variety of events including: Poster Presentation to 20+ farmers and service providers in La Crosse, WI (Feb) Webinar with research findings to 25 attendees through SDSU Crop Hour (Mar) Cover Crop education for 98 Master Gardener Volunteers via webinar (Mar)	Objectives 1, 3, and 4
-	15	2024: In April Alexis Barnes successfully defended her Master's thesis to her peers and SDSU graduate committee including Kristine Lang, Rhoda Burrows, Thandiwe Nleya, and John McMaine. Her thesis was titled "Integrating Early Season Clover Cover Crops as a Living Mulch in Broccoli and Transitional Organic Winter Squash Production in Eastern South Dakota" and is publicly available with 80 downloads to date: https://openprairie.sdstate.edu/etd2/978/ . Two manuscripts have been developed from Barnes' thesis with submissions planned for 2025 to Horticulturae and HortTechnology; two international, open-source, peer reviewed journals.	Objectives 1 and 3

CHALLENGES AND DEVELOPMENTS (REQUIRED)

Provide any challenges to the completion of your project or any positive developments outside of the project's original intent that you experienced during this reporting period. Also, provide the corrective actions you took to address these issues. If you did not attain an approved objective, outcome(s), and/or indicator(s), provide an explanation in the Corrective Actions column. For developments, you may put "N/A" under Corrective Actions. Additional challenges/developments may be added as needed.

+	#	Challenge or Development (1,200 char.)	Corrective Action
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-	1	2022: Drought conditions, especially at Cedar Creek Gardens and the SDSU Southeast Research Farm significantly impacted clover cover crop establishment with cover crops completely dying out by mid-summer at the Cedar Creek location.	The Cedar Creek Gardens farmer collaborators switched their project to a fall 2022 clover planting date to assess if fall planting would result in a healthier crop in 2023 due to anticipated winter moisture. At the SDSU Southeast Research Farm planting methods were adjusted in Spring 2023 to ensure a more uniform seeding rate for all plots.
-	2	2022: Grasshoppers, small rodents, deer, and jackrabbits are proved especially challenging at the Brookings field trial location. Fencing was erected around the project site (funded by SDSU) to provide protection from jackrabbits; however, deer started to move into the project site later in the season and row covers became necessary to protect the research broccoli crop.	Breathable row covers were purchased with grant funds and installed over the broccoli to primarily protect the crop from deer, but this did provide some protection from grasshopper feeding as well.
-	3	2022: Brett Owens of the Local Foods Education Center departed SDSU in May 2022 which resulted in less public tours of the LFEC. This removed an opportunity for tour collaboration to also feature tours of the project site.	Hiring of new leadership for the SDSU LFEC was successful in 2023 creating new opportunities for tour collaborations. Kristine Lang, invited partner organizations and Master Gardener groups for field tours in 2023 and 2024.
-	4	2022: Due to ongoing collaborations with nonprofits and SDSU Extension colleagues, Kristine Lang and Alexis Barnes were able to host educational booths at two large community events on September 10, 2022. These booths featured cover crop education for small-scale/home garden settings. Attendees received cover crop guides from SDSU and NCR SARE and could also bring home small packets of clover cover crop seed to plant in their home gardens. Alternative outreach opportunities. The two events were the Youth & Family Services Fall Festival - Rapid City (200 direct interactions) and the McCrory Gardens Insect Festival - Brookings (130 direct interactions).	Travel to the Rapid City event was billed to the grant as direct project outreach to a large audience.
-	5	2023: The project budget was spent down completely as supplies and travel went over budget. This was due to inflation on materials and the increased volume of outreach activities that were accomplished to disseminate project findings.	Additional costs were supplemented by an SDSU Extension budget to ensure completion of all project work.

UPCOMING ACTIVITIES (REQUIRED FOR ANNUAL REPORTS)

Provide a description of the activities that you are planning to complete during the next reporting period. Additional activities can be added as needed. Please note, if this is a final report there should be no upcoming activities associated with the project, and this section should be left blank.

+	#	Activity (600 char.)	Anticipated Completion
-	0	NA	NA

LESSON LEARNED (REQUIRED FOR FINAL REPORTS)

The recipient or subrecipient is required to provide recommendations or advice that others may use to improve their performance in implementing similar projects. If this is an annual report, please skip this section. (1200 char.)

The primary lesson learned from this initial SDSU vegetable cropping project was related to scale. Kristine Lang recommends that farmer and organizational researchers geographically bound their project to no more than two randomized, replicated trial sites focused on no more than two crops (versus 3+). If on-farm trials are utilized (which is highly recommended to enhance partnerships and application of the project), then an intensive organizational site should be dropped to one to meet the scope of the SCBGP.

Accounting for climate impacts, budget constraints (inflation), and possible labor shortages is also important for these intensive cropping system projects; the team would have benefited from anticipating more of these challenges when crafting the project.

For new project leaders with limited contacts within a given state or region, allow time within the project for building relationships that can enhance project feedback and promotion of project activities. Working with external partners for educational presentations can greatly improve the ability to reach new audiences.

Plan evaluation of outcomes with intention and carefully design evaluation questions.

CONTINUATION AND DISSEMINATION OF RESULTS (REQUIRED FOR FINAL REPORTS)

Describe your plans for continuing the project (sustainability; capacity building) and/or disseminating the project results. If this is an annual report, please skip this section. (1200 char.)

Being the first project conducted by Kristine Lang within SD, this resulted in the development of long-term vegetable cropping trial sites in Brookings and Beresford, SD. The number of projects at both sites has doubled with significant funding from the USDA NIFA Organic Transitions program to continue exploring tillage reduction and cover cropping in Beresford and on cooperating farms. Through advisement by farmers and partners and engagement with event attendees, Lang has developed a contact list of over 200 producers and service providers as well as boosted the SDSU Extension newsletter subscription list to over 2,500. This allows for amplification of all future research projects and educational activities. The SDSU project team is collaborating with non-profit, tribal, and farm partners to pursue a large USDA funding opportunity to create more cover crop and reduced tillage models for annual vegetables and perennial fruit crops. This project has also resulted in an investment by the SDSU Agronomy, Horticulture, and Plant Science Department of over \$200,000 to improve water and fencing at the Brookings trial site.

PROJECT BENEFICIARIES (REQUIRED FOR FINAL REPORTS)

Provide the number of project beneficiaries. If this is an annual report, please skip this section. (12 char.)

3,017

FEDERAL PROJECT EXPENDITURE

EXPENDITURE (REQUIRED)

You must respond to at least one cost category. Please note, the subtotal and total rows include formulas to auto-calculate totals. The approved budget should come from the accepted project plan or any approved budget amendments.

Cost Category	Amount Approved in Budget	Actual Federal Expenditures (Federal Funds Only)
Personnel	\$20,169.00	\$17,173.25
Fringe Benefits	\$202.00	\$724.73
Travel	\$12,061.43	\$12,679.97
Equipment	\$0.00	\$0.00
Supplies	\$24,670.43	\$36,667.84

Contractual	\$6,200.00	\$2,668.60
Other	\$12,589.00	\$5,977.47
Direct Costs Sub-Total	\$75,891.86	\$75,891.86
Indirect Costs	\$0.00	\$0.00
Project Expenditure Total Federal Costs	\$75,891.86	\$75,891.86

DISCUSSION OF EXPENDITURES (REQUIRED)

For 1st Annual Reports, if total project expenditures is less than 30 percent, and for 2nd Annual Reports, if total project expenditures is less than 60 percent, include a statement explaining how the grant funds will be expended and project activities completed as planned by the end date on the grant agreement. Any state approved budget amendments should be included here; Include the line item that the funds are coming from and going to and when the state approved the budget amendment. (1,200 char.)

In September 2024, SD DANR and USDA authorized state reimbursement of \$753.86 over the initially approved \$75,138 budget level to cover additional expenses relevant to the project that were incurred during the 2021 USDA grant period after the \$75,138 was fully spent (see challenge #5, reported as of 9/29/2023). A final payment in October 2024 included travel expenses to and from the campus to the research field sites (\$428.43 in travel, increasing the travel budget from the original \$11,633) and research supplies expenses (\$325.43, increasing supplies budget from original \$24,345). The project spent less on personnel and contractual than anticipated and heavier supplies and travel. Some of this is attributable to differences in the treatment of Other vs. Supplies between SDSU's university accounting system and USDA's budget categories. SD DANR has reviewed all receipts and approved each payment individually upon agreement that all costs were allocable and appropriate. SD DANR also grants a retroactive project extension from 6/30/24 to 9/29/24.

PROGRAM INCOME (IF APPLICABLE)

If program income was earned on the project, grant recipients are required to report on the source, amount, and how funds were expended. Program income is gross income --earned by a recipient or subrecipient under a grant --directly generated by the grant-supported activity or earned only because of the grant agreement during the grant period of performance. Program income includes, but is not limited to, income from fees for services performed; the sale of commodities or items fabricated under an award (this includes items sold at cost if the cost of producing the item was funded in whole or partially with grant funds); registration fees for conferences, etc.

+	Source/Nature of Program Income (100 char.)	Amount Approved in Budget	Actual Amount Earned
-		\$0.00	\$0.00

USE OF PROGRAM INCOME (IF APPLICABLE)

Describe how the earned program income was used to further the objectives of this project during the performance period. Any income generated must be reinvested back into the project and not set aside or reserved for future expenses after the grant ends. (1,200 char.)

PPR ATTACHMENTS DESCRIPTION (IF APPLICABLE)

Grantors will rely on the data that is submitted in this form when they report to congress. However, if you think additional documents are necessary to support PPR, please attach then and provide a document name and description of document below.

+	Document Name	Document Description
-		