United States Department of Agriculture

SCBGP PROJECT PROFILE TEMPLATE

AWARD YEARS 2022 FORWARD

The State Plan should include a series of project profiles that detail the necessary information to fulfill the goals and objectives of each project. The acceptable font size for the narrative is 11 or 12 pitch with all margins at 1 inch. The following information must be included in each project profile.

ORGANIZATION DETAIL

Organization Name: Irrigation Innovations

Project Contact Name: John Doe

Mailing Address: 123 Four Five Way
Town, US 55123

Phone: (555) 111-2222

Email: youremail@send.com

PROJECT TITLE

Measuring Irrigation Water Quality on Fruit and Vegetable Farms

DURATION OF PROJECT

Start Date: 9/1/2022 **End Date**: 9/29/2025

PROJECT PARTNER AND SUMMARY

Include a project summary of 250 words or less suitable for dissemination to the public. A Project Summary provides a very brief (one sentence, if possible) description of your project. A Project Summary includes:

1. *The name of the applicant organization that if awarded a grant will establish an agreement or contractual relationship with the State Department of Agriculture to lead and execute the project,*
2. *The project's purpose, deliverables, and expected outcomes and*
3. *A description of the general tasks/activities to be completed during the project period to fulfill this goal.*

FOR EXAMPLE:
The ABC University will mitigate the spread of citrus greening (Huanglongbing) by developing scientifically-based practical measures to implement in a quarantine area and disseminating results to stakeholders through grower meetings and field days.

The ABC University will partner with the states of A, B, C, D, E, and F to objectively measure the quality of irrigation water used on fruit and vegetable farms in several states to help shape future irrigation water standards, improve on-farm risk assessment, provide strategies for implementing a water testing program, aid in interpreting water testing results, and provide assistance for understanding when mitigation strategies should be adopted.

PROJECT PURPOSE

PROVIDE THE SPECIFIC ISSUE, PROBLEM OR NEED THAT THE PROJECT WILL ADDRESS

Fruit and vegetable crops tend to be irrigated with surface water sources, such as ponds and streams. While there is concern with all sources of water for pre-harvest use, surface water has a higher probability of being exposed to more fecal contamination than ground water. This is expected to pose greater human health risk than irrigation water from deep aquifers with properly constructed and protected wells. In most cases, the sanitary quality of surface water used for irrigation is not known because it is not regularly tested.

PROVIDE A LISTING OF THE OBJECTIVES THAT THIS PROJECT HOPES TO ACHIEVE

Include as many objectives as needed.

Objective 1:	Collect scientific data on irrigation water quality in the seven states to contribute to the National Irrigation Database organized by the National GAPs Program at Cornell University for fresh fruit and vegetable production in the National Food Safety Program
Objective 2:	Provide educational workshops on irrigation water quality management to extension professionals and producers.
Objective 3:	Improve on-farm risk assessment, provide strategies for implementing a water testing program, aid in interpreting water testing results and provide assistance for understanding when mitigation strategies should be adopted
Objective 4:	Participate in the development of a National Irrigation Database that will provide new scientific data to support comprehensive efforts by the produce industry and public health regulators to create meaningful and realistic water quality standards that minimizes microbial food safety hazards to fresh and fresh-cut vegetables
Objective 5:	
Objective 6:	
Objective 7:	
Objective 8:	
Objective 9:	
Objective 10:	

PROJECT BENEFICIARIES

Estimate the number of project beneficiaries: 500

Does this project directly benefit underserved farmers as defined in the RFA? **Yes** ☐ **No** ☒

Does this project directly benefit beginning farmers as defined in the RFA? **Yes** ☐ **No** ☒

STATEMENT OF ENHANCING SPECIALTY CROPS

By checking the box to the right, I confirm that this project enhances the competitiveness of specialty crops in accordance with and defined by the Farm Bill. Further information regarding the definition of a specialty crop can be found at www.ams.usda.gov/services/grants/scbgp. ☒

CONTINUATION PROJECT INFORMATION

Does this project continue the efforts of a previously funded SCBGP project? **Yes** ☐ **No** ☒

If you have selected "yes", please address the following:

DESCRIBE HOW THIS PROJECT WILL DIFFER FROM AND BUILD ON THE PREVIOUS EFFORTS

N/A

PROVIDE A SUMMARY (3 TO 5 SENTENCES) OF THE OUTCOMES OF THE PREVIOUS EFFORTS

N/A

PROVIDE LESSONS LEARNED ON POTENTIAL PROJECT IMPROVEMENTS

What was previously learned from implementing this project, including potential improvements?

N/A

How are the lessons learned and improvements being incorporated into the project to make the ongoing project more effective and successful at meeting goals and outcomes?

N/A

DESCRIBE THE LIKELIHOOD OF THE PROJECT BECOMING SELF-SUSTAINING AND NOT INDEFINITELY DEPENDENT ON GRANT FUNDS

N/A

OTHER SUPPORT FROM FEDERAL OR STATE GRANT PROGRAMS

The SCBGP will not fund duplicative projects. Did you submit this project to a Federal or State grant program other than the SCBGP for funding and/or is a Federal or State grant program other than the SCBGP funding the project currently?

Yes ☐ **No** ☒

IF YOUR PROJECT IS RECEIVING OR WILL POTENTIALLY RECEIVE FUNDS FROM ANOTHER FEDERAL OR STATE GRANT PROGRAM

Identify the Federal or State grant program(s).

N/A

Describe how the SCBGP project differs from or supplements the other grant program(s) efforts.

N/A

EXTERNAL PROJECT SUPPORT

Describe the specialty crop stakeholders who support this project and why (other than the applicant and organizations involved in the project).

Grower's associations representing carrots, potatoes, tomatoes, and berries support this project since it will improve on-farm risk assessment, provide strategies for implementing a water testing program, and ultimately lower grower expenses.

EXPECTED MEASURABLE OUTCOMES

SELECT THE APPROPRIATE OUTCOME(S) AND INDICATOR(S)/SUB-INDICATOR(S)

You must choose at least one of the seven outcomes listed in the SCBGP Performance Measures, which were approved by the Office of Management and Budget (OMB) to evaluate the performance of the SCBGP on a national level.

OUTCOME MEASURE(S)

Select the outcome measure(s) that are applicable for this project from the listing below.

- ☐ **Outcome 1:** Increasing Consumption and Consumer Purchasing of Specialty Crops
- ☐ **Outcome 2**: Increasing Access to Specialty Crops and Expanding Specialty Crop Production and Distribution
- ☒ **Outcome 3**: Increase Food Safety Knowledge and Processes
- ☐ **Outcome 4**: Improve Pest and Disease Control Processes
- ☐ **Outcome 5**: Develop New Seed Varieties and Specialty Crops
- ☐ **Outcome 6**: Expand Specialty Crop Research and Development
- ☐ **Outcome 7**: Improve Environmental Sustainability of Specialty Crops

OUTCOME INDICATOR(S)

Provide at least one indicator listed in the SCBGP Performance Measures and the related quantifiable result. If you have multiple outcomes and/or indicators, repeat this for each outcome/indicator.

FOR EXAMPLE:

Outcome	Indicator	Indicator Description	Value
1	1.1a	Total number of consumers who gained knowledge about specialty crops, Adults	132

Outcome	Indicator	Indicator Description	Value
3	3	Number of specialty crop stakeholders who implemented new technologies to mitigate food safety risks	6.00

Outcome	Indicator	Indicator Description	Value

MISCELLANEOUS OUTCOME MEASURE

In the unlikely event that the outcomes and indicators above the selected outcomes are not relevant to your project, you must develop a project-specific outcome(s) and indicator(s) which will be subject to approval by AMS.

DATA COLLECTION TO REPORT ON OUTCOMES AND INDICATORS

Explain how you will collect the required data to report on the outcome and indicator in the space below.

All who access the National Irrigation Database will be required to complete a short survey indicating who they are, what they intend to use the data for, and whether they will implement projects focused on increasing the understanding of the fecal indicators and pathogens.

BUDGET NARRATIVE

All expenses described in this Budget Narrative must be associated with expenses that will be covered by the SCBGP. If any matching funds will be used and a description of their use is required by the State department of agriculture, the expenses to be covered with matching funds must be described separately. Applicants should review the Request for Applications section 4.0 Funding Considerations prior to developing their budget narrative.

BUDGET SUMMARY

Expense Category	Funds Requested
Personnel	$ 9,480.00
Fringe Benefits	$ 3,792.00
Travel	$ 9,000.00
Equipment	
Supplies	$ 1,750.00
Contractual	$ 22,960.00
Other	$ 3,050.00
Direct Costs Sub-Total	$ 50,032.00
Indirect Costs	$ 4,544.00
Total Budget	$ 54,576.00

PERSONNEL

List the organization's employees whose time and effort can be specifically identified and easily and accurately traced to project activities that enhance the competitiveness of specialty crops. See the Request for Applications section 4.3 Allowable and Unallowable Costs and Activities, Salaries and Wages, and Presenting Direct and Indirect Costs Consistently under section 4.7.1 for further guidance. Fill personnel information in space below as needed.

#	Personnel Name/Title	Level of Effort (# of hours OR % FTE)	Funds Requested
1	Student Assistant	360 hours	$ 9,480.00
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Personnel Subtotal: $ 9,480.00

PERSONNEL JUSTIFICATION

For each individual listed in the above table, describe the activities to be completed by name/title including approximately when activities will occur. Add more personnel by copying and pasting the existing listing or deleting personnel that aren't necessary.

Example: Personnel 1: Description and justification
Personnel 2: Description and justification

Personnel 1: The student will assist with this project through data entry and training preparation and will also attend and present
at grower workshops.

FRINGE BENEFITS

Provide the fringe benefit rates for each of the project's salaried employees described in the Personnel section that will be paid with SCBGP funds.

#	Fringe Benefits Name/Title	Fringe Benefit Rate	Funds Requested
1	Student Assistant	40%	$ 3,792.00
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Fringe Subtotal: $ 3,792.00

TRAVEL

Explain the purpose for each Trip Request. Please note that travel costs are limited to those allowed by formal organizational policy; in the case of air travel, project participants must use the lowest reasonable commercial airfares. For recipient organizations that have no formal travel policy and for-profit recipients, allowable travel costs may not exceed those established by the Federal Travel Regulation, issued by GSA, including the maximum per diem and subsistence rates prescribed in those regulations. This information is available at http://www.gsa.gov. See the Request for Applications section 4.3 Allowable and Unallowable Costs and Activities, Travel, and Foreign Travel for further guidance.

#	Trip Destination	Type of Expense (airfare, car rental, hotel, meals, mileage, etc.)	Unit of Measure (days, nights, miles)	# of Units	Cost per Unit	# of Travelers Claiming the Expense	Funds Requested
1	Year 1 Sampling Trips	Mileage	Miles	7000	$ 0.40	1	$ 2,800.00
2	Year 1 Sampling Trips	Lodging	Nights	8	$ 70.00	1	$ 560.00
3	Year 1 Sampling Trips	Meals	Days	10	$ 39.00	1	$ 390.00
4	Year 2 Sampling Trips	Mileage	Miles	7000	$ 0.40	1	$ 2,800.00
5	Year 2 Sampling Trips	Lodging	Nights	8	$ 70.00	1	$ 560.00
6	Year 2 Sampling Trips	Meals	Days	10	$ 39.00	1	$ 390.00
7	Year 2 Grower Workshops	Airfare	Flight	2	$ 602.00	1	$ 1,204.00
8	Year 2 Grower Workshops	Hotel	Nights	2	$ 70.00	1	$ 140.00
9	Year 2 Grower Workshops	Meals	Days	4	$ 39.00	1	$ 156.00
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Travel Subtotal: $ 9,000.00

TRAVEL JUSTIFICATION

For each trip listed in the above table, describe the purpose of this trip and how it will achieve the objectives and outcomes of the project. Be sure to include approximately when the trip will occur. Add more trips by copying and pasting the existing listing or delete trips that aren't necessary.

Example: Trip 1: (Approximate Date of Travel MM/YYYY), Justification
Trip 2: (Approximate Date of Travel MM/YYYY), Justification

Trip 1
(Approximate Date of Travel MM/YYYY): April – September 2023
Year 1 Sampling Trips - Collect irrigation water samples from 10 farms in each of 3 geographic regions, four times over the production season (10 farms x 3 regions x 4 sampling times= 120 samples)

Trip 2
(Approximate Date of Travel MM/YYYY): April – September 2024
Year 2 Sampling Trips - Collect irrigation water samples from 10 farms in each of 3 geographic regions, four times over the production season (10 farms x 3 regions x 4 sampling times= 120 samples)

Trip 3
(Approximate Date of Travel MM/YYYY): April – July 2025
Provide workshops on irrigation water quality and management for Extension professionals and growers in different regions

CONFORMING WITH YOUR TRAVEL POLICY

By checking the box to the right, I confirm that my organization's established travel policies will be adhered to when completing the above-mentioned trips in accordance with 2 CFR 200.474 or 48 CFR subpart 31.2 as applicable. ☒

EQUIPMENT

Describe any special purpose equipment to be purchased or rented under the grant. ''Special purpose equipment'' is tangible, nonexpendable, personal property having a useful life of more than one year and an acquisition cost that equals or exceeds $5,000 per unit and is used only for research, medical, scientific, or other technical activities. See the Request for Applications section 4.3 Allowable and Unallowable Costs and Activities, Equipment - Special Purpose for further guidance

Rental of "general purpose equipment'' must also be described in this section. Purchase of general purpose equipment is not allowable under this grant. See Request for Applications section 4.3 Allowable and Unallowable Costs and Activities, Equipment - General Purpose for definition, and Rental or Lease Costs of Buildings, Vehicles, Land and Equipment.

#	Equipment Item Description	Rental or Purchase	Acquire When?	Funds Requested
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Equipment Subtotal: $ 0.00

EQUIPMENT JUSTIFICATION

For each Equipment item listed in the above table describe how this equipment will be used to achieve the objectives and outcomes of the project. Add more equipment by copying and pasting the existing listing or delete equipment that isn't necessary.

Example: Equipment 1: Description and justification
Equipment 2: Description and justification

SUPPLIES

List the materials, supplies, and fabricated parts costing less than $5,000 per unit and describe how they will support the purpose and goal of the proposal and enhance the competitiveness of specialty crops. See Request for Applications section 4.3 Allowable and Unallowable Costs and Activities, Supplies and Materials, Including Costs of Computing Devices for further information.

#	Supplies Item Description	Per-Unit Cost	# of Units/Pieces Purchased	Acquire Date?	Funds Requested
1	Sample Tubes	750	1	9/2023	$ 750.00
2	Boxes	250	1	9/2023	$ 250.00
3	Trays	250	1	9/2023	$ 250.00
4	Water Samplers	250	2	9/2023	$ 500.00
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Supplies Subtotal: $ 1,750.00

SUPPLIES JUSTIFICATION

Describe the purpose of each supply listed in the table above purchased and how it is necessary for the completion of the project's objective(s) and outcome(s).

Example: Supply 1: Description and justification
Supply 2: Description and justification

In order to collect water samples and perform research, Dr. Joe Smith and his research assistant will need research supplies such as sample tubes, boxes and trays for transportation, and water samplers.

CONTRACTUAL/CONSULTANT

Contractual/consultant costs are the expenses associated with purchasing goods and/or procuring services performed by an individual or organization other than the applicant in the form of a procurement relationship. If there is more than one contractor or consultant, each must be described separately. (Repeat this section for each contract/consultant.)

ITEMIZED CONTRACTOR(S)/CONSULTANT(S)

Provide a list of contractors/consultants, detailing out the name, hourly/flat rate, and overall cost of the services performed. Please note that any statutory limitations on indirect costs also apply to contractors and consultants.

#	Contractual Name/Organization	Hourly Rate/Flat Rate	Funds Requested
1	XYZ Laboratories	Flat Rate	$ 22,960.00
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Contractual/Consultant Subtotal: $ 22,960.00

CONTRACTUAL JUSTIFICATION

Provide for each of your real or anticipated contractors listed above a description of the project activities each will accomplish to meet the objectives and outcomes of the project. Each section should also include a justification for why contractual/consultant services are to be used to meet the anticipated outcomes and objectives. Include timelines for each activity. If contractor employee and consultant hourly rates of pay exceed the salary of a GS-15 step 10 Federal employee in your area, provide a justification for the expenses. This limit does not include fringe benefits, travel, indirect costs, or other expenses. See Request for Applications section 4.3 Allowable and Unallowable Costs and Activities, Contractual and Consultant Costs for acceptable justifications.

Example: Contractual 1: Description and justification
Contractual 2: Description and justification

Contractor/Consultant 1:
We will contract with XYZ Laboratories in order to perform the water analysis of all the samples gathered by the project investigators. This quality analysis will be performed for a flat rate of $10,980 per year of the project for a total of $21,960.00 ($10,980 x 2).

Each lab that enters data will need a secure password and some training for data input. This will have an initial cost (approximately $1,000.00). Currently quality control procedures are performed for all data entered into the database with the lab data form. This too requires time but is not necessary once the lab understands the data entry portal and how it works.

CONFORMING WITH YOUR PROCUREMENT STANDARDS

By checking the box to the right, I confirm that my organization followed the same policies and procedures used for procurements from non-federal sources, which reflect applicable State and local laws and regulations and conform to the Federal laws and standards identified in 2 CFR Part 200.317 through.326, as applicable. If the contractor(s)/consultant(s) are not already selected, my organization will follow the same requirements. ☒

OTHER

Include any expenses not covered in any of the previous budget categories. Be sure to break down costs into cost/unit. Expenses in this section include, but are not limited to, meetings and conferences, communications, rental expenses, advertisements, publication costs, and data collection.

If you budget meal costs for reasons other than meals associated with travel per diem, provide an adequate justification to support that these costs are not entertainment costs. See Request for Applications section 4.3 Allowable and Unallowable Costs and Activities, Meals for further guidance.

#	Other Item Description	Per-Unit Cost	Number of Units	Acquire Date?	Funds Requested
1	Shipping Costs	1	550	9/2023	$ 550.00
2	Publication Costs	1	1	4/2025	$ 1,000.00
3	Workshop Materials and Media	1	1	1/2025	$ 1,500.00
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Other Subtotal: $ 3,050.00

OTHER JUSTIFICATION

Describe the purpose of each item listed in the table above purchased and how it is necessary for the completion of the project's objective(s) and outcome(s).

Example: Other 1: Description and justification
Other 2: Description and justification

There are certain areas in the State that are considered to be inadequate for transferring water samples by vehicle. The cost associated with shipping these samples is $550.00.

In year 2, workshops will be offered for Extension professionals through train-the-trainer sessions and growers in each of the 3 regions of the state, covering proper irrigation water sampling, choosing the proper sanitary water tests, interpreting the test results, and selecting mitigation strategies ($1,500.00).

Training materials will be developed both for hard-copy and web dissemination. Presentations will also be developed for the workshops and available to the Extension professionals for use in their home counties ($1,000.00).

INDIRECT COSTS

The indirect cost rate must not exceed 8 percent of any project's budget. Indirect costs are any costs that are incurred for common or joint objectives that therefore, cannot be readily identified with an individual project, program, or organizational activity. They generally include facilities operation and maintenance costs, depreciation, and administrative expenses. See Request for Applications section 4.2.1 Limit on Administrative Costs and Presenting Direct and Indirect Costs Consistently for further guidance.

Indirect Cost Rate	Funds Requested
8%	$ 4,544.00

Indirect Subtotal: $ 4,544.00

PROGRAM INCOME

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	Description of how you will reinvest the program income into the project to enhance the competitiveness of specialty crops	Estimated Income

Program Income Total: $ 0.00

Clear Form