



Healthy Soils Program

CDFA OFFICE OF ENVIRONMENTAL FARMING & INNOVATION

GLENN COUNTY FARMERS + RANCHERS: Request for HSP Grant Applications

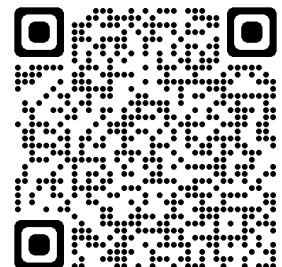
Applications OPEN: April 5, 2024

Applications DUE: May 3, 2024



UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources

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GLENN COUNTY FARMERS + RANCHERS: Request for HSP Grant Applications

✓ Check List

Applications OPEN: April 5, 2024
Applications DUE: May 3, 2024 at 5:00 PM PST
Submit Online: www.glenncountyrhd.org

\$4 million available, \$1 million dedicated to self-identified SDFRs

Competitive process, up to \$200,000 available per applicant

Project Start Date is September 1, 2024, tentatively

Project End Date is August 31, 2027, tentatively

FREE application assistance available by Glenn County RCD and UCANR / UCCE-Glenn County



Application

Online Application Submitted: _____

Application Attachments

- Project Design using the [CDFA HSP RePlan Tool](#)
 - CDFA HSP RePlan Report (pdf)
 - CDFA HSP RePlan Report (excel)
- Grazing Management Plan prepared by a professional Certified Rangeland Manager (if applicable for Prescribed Grazing practice)
- Letter of Commitment
- Landowner Permission Letter (if applicable)

(Optional) Application Attachments

- Conservation Plan
- Soil-health based training documents

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Background and Grant Purpose

The Glenn County Resource Conservation District (RCD) and its Glenn County Climate Smart Ag Committee, in partnership with University of California Agriculture and Natural Resources UC Cooperative Extension-Glenn County, are happy to announce a competitive grant application process for the Healthy Soils Program (HSP).

Funded by California Department of Food and Agriculture's (CDFA) Office of Environmental Farming and Innovation (OEFI) through the [Block Grant Pilot Program](#), this *Request for HSP Grant Applications* is specific to those who farm and/or ranch in GLENN COUNTY, California. If not located in Glenn County, see CDFA OEFI's website for other HSP opportunities and to learn more about the [California Healthy Soils Initiative](#), which is a collaboration of state agencies and departments that promotes the development of healthy soils on California's farmlands and ranchlands.

Overall, HSP's purpose is to increase implementation of conservation management practices that **1) improve soil health** and **2) sequester carbon and reduce atmospheric greenhouse gases (GHGs)** by providing financial 'grant' incentives to farmers and ranchers so they may invest in program practices on their agricultural operation.

Funding and Project Timeline

- \$4 million available to Glenn County; \$1 million dedicated to self-identified SDFRs *.
- Maximum grant award \$200,000 per applicant.
- No reimbursement of expenses incurred prior to a grant agreement.
- Project Timeline: maximum 3 years; recipients must complete projects no later than 3 years after the start of the grant agreement.
- Project Start Date is September 1, 2024, tentatively.
- Project End Date is August 31, 2027, tentatively.
- Cost share
 - Awardees can use matching funds or in-kind contributions during the grant term, but Glenn County RCD does not require or prioritize them.
 - In line with California Climate Investments (CCI) assumptions, Glenn County RCD does not allow HSP funds to be used to support the same practice(s) on the same field(s) that other funds support, such as funds from the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Environmental Quality Incentive Program (EQIP). However, HSP funds may be combined with other such funds within a broader farm plan, supporting different practice(s) on the same field(s), or the same practice(s) on different field(s).
 - The HSP quantifies the GHG emission reductions and carbon sequestration of all awarded projects and practices and reports them to the CCI. Therefore, no implementation of an agricultural practice incentivized by HSP should be used to create credits for any regulatory compliance or voluntary carbon markets.

*** \$1 million in Priority Funding for Socially Disadvantaged Farmers and Ranchers (SDFRs) –**
2017 Farmer Equity Act ([AB 1348 \(Aquiar-Curry, 2017\)](#)) defines a socially disadvantaged group as:

- | | |
|---------------------|--|
| ✓ African Americans | ✓ Hispanics |
| ✓ Alaskan Natives | ✓ Native Hawaiians and Pacific Islanders |
| ✓ Asian Americans | ✓ Native Indians |

Technical Assistance Resources

FREE technical assistance is available in both English and Spanish for the development and submission of an HSP grant application, as well as help with coordinating implementation of an awarded project.

<p>Kellie Wilson-Burt Program Specialist Glenn County RCD Cell: 530-701-6209 Office: 530-934-4601 x3176 Email: kellie@glenncountyrcd.org</p>	<p>Lizzeth Mendoza Community Education Specialist UCANR / UCCE-Glenn County Cell: 530-517-8187 Office: 530-865-1105 Email: lthmendoza@ucanr.edu</p>
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Eligibility and Exclusions

GLENN COUNTY California farmers, ranchers, agricultural business entities, nonprofit organizations as agricultural operations, and California Native American Tribes are eligible to apply.

- Applicant must be at least 18 years old.
- Applicant cannot submit more than one application with a unique user account in the application portal. Glenn County RCD will cross reference tax identification number, mailing address and contact name to ensure that an application does not receive multiple awards.
- Not eligible, cannabis cultivation operations.

HSP project must be on a California agricultural operation.

- For the purposes of this program, CDFA defines an agricultural operation as row, vineyard, field and tree crops, commercial nurseries, nursery stock production, and greenhouse operations producing food crops or flowers as defined in Food and Agricultural Code section 77911.
- Projects located on grazing lands (including grasslands, rangelands, and pastures, as defined at the bottom of Appendix A) are eligible.
- Grant funds cannot be used for projects that use potted plants and plant growth media other than soil.
- Grant funds cannot be used for research and product development activities.
- The farm location and the business mailing address must be in California.

Executive Order N-6-22 – Russia Sanctions. On March 4, 2022, Governor Gavin Newsom issued Executive Order N-6-22 regarding Economic Sanctions against Russia and Russian entities and individuals. “Economic Sanctions” refers to sanctions imposed by the U.S. government in response to Russia’s actions in Ukraine, as well as any sanctions imposed under state law. By submitting a bid, proposal, or application, Bidder/Applicant represents that it is not a target of Economic Sanctions. Should the State determine Bidder/Applicant is a target of Economic Sanctions or is conducting prohibited transactions with sanctioned individuals or entities, that shall be grounds for rejection of the Bidder’s/Applicant’s bid/proposal/application any time prior to contract/agreement execution, or, if determined after contract/agreement execution, shall be grounds for termination by the State.

Timeline

GLENN COUNTY: HSP Grant Activity	Tentative Timeframe
Release Request for HSP Grant Applications (RGA)	April 5, 2024
Grant Application OPEN	April 5, 2024
Grant Applications DUE	May 3, 2024 at 5:00 PM PST
Administrative and Technical Review	May – July 2024
Announce and Award Grant Funding, Grant Agreement	July – August 2024
Project Start Date	September 2024 (or Upon Grant Agreement Execution Date)
Project End Date	August 2027

*Workshops may be scheduled pending interest

Program Requirements and Guidance

CDFA has identified strategies that address improving soil health and sequestering carbon to reduce atmospheric greenhouse gases (GHGs). This section describes the HSP requirements that must be met for on-farm projects. Project designs must be completed using the [CDFA HSP RePlan Tool](#). Approval of an on-farm project for grant funding does not imply that the project complies with all local, State, and Federal regulations. The Grant Recipient shall be responsible for observing and complying with all applicable local, State, and Federal laws and regulations.

Eligibility:

- Projects must implement at least one of the practices listed under Eligible Agricultural Management Practices.
- Projects may include multiple practices within the same field (except for Non-Overlapping Practices).
- Projects may include multiple fields within the same agricultural operation.

Exclusions:

- Previous HSP Grant Recipients are not eligible to receive funds for implementing the same practice on the same field funded previously. However, a new landowner or lessee is eligible to implement the same practice on the same field previously funded.
- Awardees cannot transfer practices to different APNs during the grant term. Annually implemented practices cannot be moved to different fields during the grant term.
- University and research farms, and city community gardens are not eligible for funding through this program. These entities may apply for the CDFA Healthy Soils Demonstration Program.
- HSP Grant funds cannot be used to implement practices that are not listed under Eligible Agricultural Management Practices in this grant solicitation. Awardees must follow requirements for practice implementation whenever applicable.
- **Compost Application and Whole Orchard Recycling:** HSP will not incentivize these practices on APNs where soil organic matter content is greater than 20 percent by dry weight in the top 20 cm (or 8 inch) depth.

- HSP will not incentivize practices on lands or crop types that are not suitable based on [the United States Department of Agriculture \(USDA\) Natural Resources Conservation Service \(NRCS\) Conservation Practice Standards \(CPS\)](#) or the [2023 NRCS California Scenarios](#).

Implementation Requirements

- Grant Recipients must implement the proposed practices on the same total acreage throughout the grant term unless a project modification is approved and processed by Glenn County RCD/C DFA.
- Projects must result in net GHG benefits (i.e., net reductions of GHG emissions) from eligible agricultural management practices (See Technical Specifications for Estimation of GHG Benefits).
- Applicants must use the [CDFA HSP RePlan Tool](#) to develop their project design, work plan, budget, and estimation of GHG emissions reduction.
- Fields where agricultural management practice(s) will be implemented should be named by Field (e.g., Field 1, Field 2, Field 3, etc.) and outlined clearly on the RePlan map.
- If leasing land, applicants must provide written approval from the landowner. If the lease term is shorter than the grant term, lessees should provide a written statement from the landowner that lease renewal will be discussed in good faith. Applicants must lease, own, or otherwise control the fields where project activities are proposed to occur for the entirety of the project duration. Glenn County RCD provides a Landowner Agreement Template for applicants to use.
- HSP reimburses implementation of eligible management practices at the payment rates provided in Appendix A. Grant Recipients must follow specific implementation and verification requirements noted in Appendix A for each practice.
- Applicants must submit the following baseline data at the time of application using the RePlan Tool:
 - Cropping history of previous year for all fields included in the application.
 - Declare whether the proposed practice was implemented in the previous year on the field(s).
 - Provide the proposed plan of crops for all fields included in the project during the next three (3) years.

Implementation Recommendations

- CDFA strongly encourages applicants to implement soil conservation practices incentivized by the HSP on lands that will be temporarily taken out of production due to the Sustainable Groundwater Management Act (SGMA).
- CDFA strongly encourages applicants to enhance on-farm biodiversity through utilizing plant species (in applicable management practices) that support pollinator habitat and help meet the goals identified in the [California Biodiversity Action Plan](#).

Eligible Agricultural Management Practices

CDFA and the California Air Resources Board (CARB) have identified eligible agricultural management practices that sequester carbon, reduce atmospheric GHGs, and improve soil health. Applicants must use RePlan to develop on-farm project proposals, which include the specific locations and boundaries of the field(s) where the eligible management practice(s) will be implemented. The on-farm projects may include multiple practices on the same APN, or the same practice on multiple APNs. Some practices may not be implemented on the exact same field; refer to [Non-Overlapping Practices](#) for details. The Healthy Soils Program incentivizes two types of practices based on implementation timelines:

1. **Annually implemented practices:** Grant Recipients must implement these once in each project year and a total of three times during the grant term (e.g., Compost Application and Cover Crop.) Glenn County RCD/CDFA may not reimburse Grant Recipients who do not implement them once in each project year.
2. **One-time implemented practices:** These practices are implemented only once in the grant term, but Grant Recipients must maintain them for the project lifespan (e.g., Hedgerow Planting and Conservation Cover).

CDFA and CARB selected the following management practices for incentives support. HSP Grants are required to be implemented in accordance with their respective requirements in the [California-based USDA NRCS Conservation Practice Standards \(CPS\)](#), [2023 NRCS California Scenarios](#), [CDFA Compost Application White Paper](#) and [CDFA Whole Orchard Recycling Report](#). The updated CPS for each practice can also be found at: [List of Agricultural Management Practices Eligible for Funding Through the CDFA HSP](#). Refer to the Program Requirements and Appendix A for more details.

All eligible practices are presented by agricultural system below.

I. **Cropland**

1. Alley Cropping (USDA NRCS CPS 311)
2. Compost Application (USDA NRCS CPS 808/336*)
 - a. Compost Purchased from a Certified Facility
 - b. On-farm Produced Compost
3. Conservation Cover (USDA NRCS CPS 327)
4. Conservation Crop Rotation (USDA NRCS CPS 328)
5. Contour Buffer Strips (USDA NRCS CPS 332)
6. Cover Crop (USDA NRCS CPS 340)
7. Field Border (USDA NRCS CPS 386)
8. Filter Strip (USDA NRCS CPS 393)
9. Forage and Biomass Planting/Pasture and Hay Planting (USDA NRCS 512)
10. Grassed Waterway (USDA NRCS CPS 412)
11. Hedgerow Planting (USDA NRCS CPS 422)
12. Herbaceous Wind Barrier (USDA NRCS CPS 603)
13. Mulching (USDA NRCS CPS 484)
 - a. Natural Materials (USDA NRCS CPS 484)

- b. Wood Chips (USDA NRCS CPS 484)
- 14. Multi-story Cropping/Forest Farming (USDA NRCS CPS 379)
- 15. Nutrient Management (USDA NRCS CPS 590) (15% reduction in fertilizer application *only*)
- 16. Residue and Tillage Management – No-Till (USDA NRCS CPS 329)
- 17. Residue and Tillage Management – Reduced Till (USDA NRCS CPS 345)
- 18. Riparian Forest Buffer (USDA NRCS CPS 391)
- 19. Riparian Herbaceous Cover (USDA NRCS CPS 390)
- 20. Strip Cropping (USDA NRCS CPS 585)
- 21. Tree/Shrub Establishment (USDA NRCS CPS 612)
- 22. Vegetative Barriers (USDA NRCS CPS 601)
- 23. Windbreak/Shelterbelt Establishment (USDA NRCS CPS 380)

II. Orchard or Vineyard

- 1. Compost Application (USDA NRCS CPS 808/336*)
 - a. Compost Purchased from a Certified Facility
 - b. On-farm Produced Compost
- 2. Conservation Cover (USDA NRCS CPS 327)
- 3. Cover Crop (USDA NRCS CPS 340)
- 4. Filter Strip (USDA NRCS CPS 393)
- 5. Hedgerow Planting (USDA NRCS CPS 422)
- 6. Mulching (USDA NRCS CPS 484)
 - a. Nature Materials (USDA NRCS CPS 484)
 - b. Wood Chips (USDA NRCS CPS 484)
- 7. Nutrient Management (USDA NRCS CPS 590) (15% reduction in fertilizer application *only*)
- 8. Residue and Tillage Management – No-Till (USDA NRCS CPS 329)
- 9. Residue and Tillage Management – Reduced Till (USDA NRCS CPS 345)
- 10. Whole Orchard Recycling (USDA NRCS CPS 808/336*)
- 11. Windbreak/Shelterbelt Establishment (USDA NRCS CPS 380)

III. Grazing Land

- 1. Compost Application (USDA NRCS CPS 808/336*)
 - a. Compost Purchased from a Certified Facility
 - b. On-farm Produced Compost
- 2. Hedgerow Planting (USDA NRCS CPS 422)
- 3. Prescribed Grazing (USDA NRCS CPS 528)
- 4. Range Planting (USDA NRCS CPS 550)
- 5. Riparian Forest Buffer (USDA NRCS CPS 391)
- 6. Silvopasture (USDA NRCS CPS 381)
- 7. Tree/Shrub Establishment (USDA NRCS CPS 612)
- 8. Windbreak/Shelterbelt Establishment (USDA NRCS CPS 380)

* The NRCS Practice Code for Compost & Whole Orchard Recycling has changed from 808 to 336. However, the CDFA RePlan Tool may still show 808.

Specifications for Estimation of GHG Benefits

Expected Life of Practices

To estimate the net GHG benefits due to a practice implementation, the expected life of the practice is as follows:

Eligible Agricultural Management Practice	Expected Life of Practice*
Practices that involve planting of woody cover (trees and shrubs)	10 Years
All other practices	3 Years

*Expected Life of Practice for the HSP may be different from that required by USDA-NRCS.

GHG Emissions Estimates

Each project’s GHG emission reductions are automatically estimated by the CDFA HSP RePlan Tool.

Practice Implementation Requirements

CDFA and CARB evaluated and synthesized technical information from the GHG Emission Estimate documents listed above to develop the Program Requirements and Appendix A.

- **Prescribed Grazing:** Projects proposing to implement this practice must be located on grazing lands (i.e., rangelands, grazed grasslands, and pastures).
 - Applications for prescribed grazing projects must include a Grazing Management Plan prepared by a professional Certified Rangeland Manager and meet all criteria listed in Prescribed Grazing Practice Standards (USDA NRCS CPS 528).
- **Riparian Forest Buffer and/or Riparian Herbaceous Cover:** Fields where implementation of these practices is proposed must be adjacent to and upgradient from water courses or water bodies. Please refer to the USDA NRCS CPS 390 and 391 for more information.
- **Conservation Crop Rotation:** Projects proposing to implement this practice must provide a detailed plan for crop rotation, listing all cash crops and/or cover crops to be planted in the correct sequence as part of the Work Plan.
- **Cover Crops:** Projects proposing to implement this practice may not claim post-termination cover crop residue as mulching practice with natural materials to prevent overestimation of GHG reductions achieved.
- **Establishment of Permanent Woody Cover:** Projects proposing to implement these practices must take into consideration wildlife and pollinator needs when selecting tree or shrub species. Increasing species diversity, including use of native species, and avoiding species with invasive potential should be considered. Projects may not exclusively plant cash crop trees.
- **Compost Application:** Recipients must implement this practice following the requirements below.
 - HSP does not incentivize the application of compost to soils with Soil Organic

Matter greater than 20%.

- Compost Application Rates eligible for funding are provided in the table below.

Agricultural System	Compost Type	Tons/Acre*
Cropland	Higher N (C: N ≤ 11)	3 – 5
	Lower N (C: N > 11)	6 – 8
Orchard/Vineyard	Higher N (C: N ≤ 11)	2 – 4
	Lower N (C: N > 11)	6 – 8
Grazing Land	Lower N (C: N > 11)	6 – 8

*CDFA developed the compost application rates eligible for funding through this program under the guidance of the [Environmental Farming Act – Science Advisory Panel \(EFA-SAP\)](#) and published a supporting white paper report titled “Compost Application Rates for California Croplands and Rangelands for a CDFa Healthy Soils Incentives Program” (abbreviated as [Compost Application White Paper](#)).

- Compost used cannot be vermicompost.
- If Recipients will purchase compost:
 - a. Compost must be produced by a facility permitted or otherwise authorized by state and local authorities that can demonstrate compliance with all state regulations. The composting facility must comply with the state minimum standards set forth in [California Code of Regulations Title 14 \(14 CCR\) 14 CCR, Division 7, Chapter 3.1, Articles 5, 6, 7, 8, and 9](#). Grant Recipients must ensure that the composting facilities are listed on one of the following websites:
 - CalRecycle SWIS/Site Search website with facility’s site regulatory status being “Permitted” or “Notification”
<https://www2.calrecycle.ca.gov/SolidWaste/Site/Search>
 - CDFa -OIM Certified Facilities (Only Dry Compost Eligible)
<https://www.cdfa.ca.gov/is/ffldrs/pdfs/RegisteredOrganicInputMaterial2022.pdf>
 - STA Certified Compost Participants (California Only)
<https://www.compostingcouncil.org/page/participants #CA>
 - b. Recipients must submit a report of laboratory analysis on compost C:N ratio, measured within 6 months prior to compost application.
- **If Recipients will produce compost on-farm:**
 - Recipients must maintain a log to document the composting process. Recipients should use the Compost Log Template that CDFa provides on the [HS Program Incentive Grants webpage](#), or one that lists the same information in a similar format.
 - Recipients must compost plant and animal materials through the processes outlined below. They can obtain a portion of the feedstocks from off-site locations (e.g., municipal greenwaste).

- Recipients can implement On-Farm Compost production in either of the following two scenarios:
 - a. A single entity can produce on-farm compost in one location, with materials from their own operation, and distribute it to other fields in different locations, if those fields are under ownership by the same entity.
 - b. Multiple HSP Grant Recipients can share a compost site; however, they should only use the generated compost on their own farms. Input materials supplied to the shared facility by each Recipient should be roughly proportional to the amount of compost taken back to the Recipient's operation to be applied. If more than [1,000 cubic yards](#) of compost are generated annually, the compost producer(s) should communicate with a CalRecycle LEA for further questions on requirements.
- Sources of compost eligible for funding must meet the following requirements.
 - ***In-vessel or Static Aerated Pile System:*** Maintain a temperature between 131°F and 170°F for 3 consecutive days.
 - ***Windrow Composting:*** Maintain a temperature between 131°F and 170°F for 15 consecutive days. The materials must be turned a minimum of 5 times.
- Recipients or producers must verify the C:N ratio of the compost to be applied, through laboratory testing before application. Type(s) of material(s) used for composting must be documented. Lab analysis of C:N ratio remains valid for up to 6 months prior to compost application.
- Recipients of on-farm compost awards must produce the compost at the agricultural operation where the project is located.
- CDFR does not reimburse Recipients for applying free or donated on-farm compost from another compost producer.
- **Whole Orchard Recycling:** Implementation of this practice must meet the following requirements below:
 - Only orchards with trees at least ten years of age are eligible.
 - Recipients must chip and incorporate orchards in place on the field in which they were grown, without exporting chips off-site or to new fields.
 - HSP does not incentivize this practice in soils with Soil Organic Matter greater than 20%.
 - Recipients must evenly distribute the wood chips throughout the orchard. If a service provider is contracted, their commitment to spread the wood chips must be in the contract/invoice for verification purposes.
 - Recipients or service providers must incorporate the chips into the soil to at least 6 inches depth.
- **Effective Practice Implementation Acreage in orchards and vineyards:** The HS Program considers not the total acreage of these systems, but the acreage of alleys within them, to be the effective practice implementation acreage for cover crop, conservation cover, reduced-till, and no-till practices in orchards and vineyards. Effective practice implementation acreage is considered to be 70% of the whole field acreage for orchard alleys, and 60% for vineyard alleys.

Non-Overlapping Practices

The HSP will not incentivize practices listed in the same groups below on the same land area, i.e., they cannot “overlap.” The CDFA HSP Re-Plan Tool prevents applicants from combining non-overlapping practices on the same land area.

- **Group I:**
 - Cover Crop (USDA NRCS CPS 340)
 - Conservation Cover (USDA NRCS CPS 327)
 - Conservation Crop Rotation (USDA NRCS CPS 328)
 - Strip Cropping (USDA NRCS CPS 585)
 - Mulching: Wood Chip (USDA NRCS CPS 484)
- **Group II: Compost Application** (USDA NRCS CPS 808/336*): Compost must either be:
 - Purchased from a Certified Facility, or
 - On-farm Produced Compost
- **Group III:**
 - Mulching (USDA NRCS CPS 484)
 - Whole Orchard Recycling (USDA NRCS CPS 808/336*)
- **Group IV:**
 - Conservation Cover (USDA NRCS CPS 327)
 - Contour Buffer Strips (USDA NRCS CPS 332)
 - Field Border (USDA NRCS CPS 386)
 - Filter Strip (USDA NRCS CPS 393)
 - Forage and Biomass Planting/Pasture and Hay Planting (USDA NRCS 512)
 - Grassed Waterway (USDA NRCS CPS 412)
 - Herbaceous Wind Barrier (USDA NRCS CPS 603)
 - Range Planting (USDA NRCS CPS 550)
 - Riparian Herbaceous Cover (USDA NRCS CPS 390)
 - Vegetative Barriers (601) (USDA NRCS CPS 601)
 - Residue and Tillage Management – No-Till (USDA NRCS CPS 329)
 - Residue and Tillage Management – Reduced Till (USDA NRCS CPS 345)
- **Group V:**
 - Alley Cropping (USDA NRCS CPS 311)
 - Hedgerow Planting (USDA NRCS CPS 422)
 - Multi-story Cropping/Forest Farming (USDA NRCS CPS 379)
 - Riparian Forest Buffer (USDA NRCS CPS 391)
 - Tree/Shrub Establishment (USDA NRCS CPS 612)
 - Windbreak/Shelterbelt Establishment (USDA NRCS CPS 380)
 - Silvopasture (USDA NRCS CPS 381)
 - Residue and Tillage Management – No-Till (USDA NRCS CPS 329)
 - Residue and Tillage Management – Reduced Till (USDA NRCS CPS 345)
- **Group VI:**

- Any herbaceous planting practice listed in Group IV and mulching.

Note: There may be practices (individual or combination), in addition to those listed above, that should not overlap for a specific project. These may be evaluated by Glenn County RCD/C DFA on a case-by-case basis and addressed during pre-project consultation.

California Carbon Sequestration and Climate Resiliency Project Registry

SB 27 (Chapter 237) requires the California Natural Resources Agency (CNRA) to establish and maintain a Registry for the purposes of identifying and listing projects in the state that drive climate action on the state's natural and working lands, and which sought funding from state agencies or private entities but went unfunded. Projects that sequester carbon on natural and working lands and meet minimum California Climate Investment program requirements, but did not receive funding due to the limited availability of funds, may be listed on the Registry.

If CDFA has insufficient funding to meet the demand for on-farm projects, CDFA may offer unfunded applicants the opportunity to have their projects listed on the Registry (offers may be extended after several months of solicitation). If the applicant chooses to be listed, CDFA will facilitate the signing of a consent letter authorizing CDFA to share project-relevant data to CNRA or its affiliates, to be published on the Registry. The project-level data may include, but is not limited to: applicant name, project description, project budget, estimated GHG and co-benefits, project location, and applicant contact information.

The Registry is expected to be accessible online by the end of 2024. Funding offers, project monitoring, and verification expectations may vary from what the Healthy Soils Incentives Program supports. An applicant's project listing will be removed from the Registry after one year unless the applicant chooses to renew it.

How to Apply

Glenn County RCD uses an online application platform, WizeHive, to receive Healthy Soils Program (HSP) and SWEEP applications. Applicants can access the application platform at the website page: <https://www.glenncountyrhd.org/cdfa-healthy-soils-program-for-glenn-county> or scan QR Code on cover page of this document.

Applicants must **create a user profile account** to submit a grant application.

All applications, supporting documents and submissions may be subject to public disclosure through the Public Records Act.

Prior to completing the online application questionnaire, Glenn County RCD encourages applicants to gather all required information using the **Grant Application Check List** and **Appendix B: Sample Preview of Grant Application Questions** to facilitate effective and timely submission of the grant application.

APPLICANTS MUST UPLOAD THE FOLLOWING ATTACHMENTS:

- Project Design using the [CDFA HSP RePlan Tool](#)
 - CDFA HSP RePlan Report (pdf)

- **CDFA HSP RePlan Report (excel)**
- **Grazing Management Plan prepared by a professional Certified Rangeland Manager** (if applicable for Prescribed Grazing practice)
- **Letter of Commitment**
- **Landowner Permission Letter** (if applicable)

(Optional) Application Attachments

- Conservation Plan
- Soil-health based training documents

As outlined under Disqualifications, Glenn County RCD will disqualify applications that are incomplete or lacking required attachments.

More details about each required attachment below.

LETTER OF COMMITMENT

Applicant must submit a letter of commitment per Glenn County RCD and CDFA requirements. See sample in **Appendix C: Letter of Commitment**.

LANDOWNER PERMISSION LETTER (if applicable)

Applicant must submit a landowner permission letter if applicant is a lessee and does not own the APN(s). See sample in **Appendix D: Landowner Permission Letter (if applicable)**.

Review Process and Notification of Application Status
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Administrative and Technical Review

Glenn County RCD will conduct two levels of review during the grant application review process.

The **FIRST LEVEL IS AN ADMINISTRATIVE REVIEW** to determine whether application requirements were met. Is the application complete? Are all attachments complete?

The **SECOND LEVEL IS A TECHNICAL REVIEW** to evaluate the benefits of the proposed project, including the potential for the project to improve soil health and reduce GHG emissions. The technical reviewers are invited by the Glenn County Climate Smart Ag Committee, in partnership with University of California Agriculture and Natural Resources UC Cooperative Extension-Glenn County, and will be agricultural specialists and experts familiar with HSP.

Scoring Rubric

The technical reviewer(s) will validate soil health and GHG calculations based upon supporting documentation and project design provided by the applicant. Reviewers will score projects based on the following rubric.

Scoring Rubric	POINTS AVAILABLE
Soil Grade – CA Storie Index <ul style="list-style-type: none"> • Grade 1 = 5 points • Grade 2 = 10 points • Grade 3 = 15 points • Grade 4 = 20 points 	20
First-time HSP-funded Applicant Agricultural operations have never received HSP grant funds (will be verified)	20
Multiple Conservation Management Practices Implemented 1 practice = 10 points 2 practices = 20 points (if 1 practice > 80% of the total requested funding, 5 points will be subtracted) 3 practices or more = 30 points (if 1 practice > 80% of the total requested funding, 5 points will be subtracted)	30
Soil-health Based Training The applicant has taken soil-health based training within the previous 24 months	5
Conservation Plan For example, created by USDA-NRCS, Carbon Farm Plan, other	5
Socially Disadvantaged Farmer and Rancher (SDFR) *Note: SDFR applications will initially compete in the specific SDFR dedicated \$1 million; if oversubscribed, SDFR's will receive additional points and be placed to compete in the \$3 million competitive scoring process	5
Small Farms and Ranches Total farm size under 250 acres	5
Complete Application & RePlan Tool Completeness & Accuracy: <ul style="list-style-type: none"> • Accuracy of naming uploaded files, per RGA guidelines • Accuracy of information carried over from RePlan Tool to application (e.g. project budget, acres, GPS coordinates, etc) • Accuracy of field map(s) (e.g. non-project areas cut-out, perimeter lines drawn precisely to ensure accurate acreage) 	10
TOTAL POINTS AVAILABLE	100

Soil Grade – CA Storie Index

Glenn County RCD and the Glenn County Climate Smart Ag Committee encourage projects that prioritize HSP practices to be implemented in lesser quality soils. To determine your project location's Soil Grade Number, use <https://casoilresource.lawr.ucdavis.edu/gmap/>. The Soil Grade Number should represent the majority soil type for your project site. Detailed instructions for determining the Soil Grade Number can be found within the application portal and on the Glenn County RCD's Healthy Soils Program webpage.

Soil Health Training

Soil health training is a critical component to soil health management and agricultural conservation. Glenn County RCD and its Glenn County Climate Smart Ag Committee, in partnership with University of California Agriculture and Natural Resources UC Cooperative Extension-Glenn County strongly encourages applicants to participate in a soil health-based training course to maximize the benefits of a well-designed and maintained soil health approach. The scoring rubric offers applicants points if the applicant has taken a soil health-based training within the previous 24 months. Applicant shall upload proof of attendance under other supplemental documents.

Funding Recommendations

Glenn County RCD will consider the following criteria when developing funding recommendations:

1. Score
2. Previous award status – Glenn County RCD will recommend applicants that have never been awarded an HSP funding grant above equally-scoring applicants that have received a previous award.
3. Socially Disadvantaged Farmers and Ranchers (SDFRs) applicants that do not receive an award in the Priority Funding for SDFRs will compete for grant funds with the non-SDFR applicants.

Notification and Feedback

Disqualifications

During the administrative review and after the due date, Glenn County RCD will disqualify applications that meet any of the following conditions:

- Incomplete grant applications: applications with one or more unanswered questions necessary for a complete administrative or technical review.
- Incomplete grant applications: applications with missing, blank, unreadable, corrupt, or otherwise unusable attachments.
- Applications requesting funding for more than the maximum award amount.
- Applications that include activities outside the grant timeline.
- Applications with unallowable costs or activities necessary to complete the project objectives.
- Applications that do not provide primary applicant contact information in the application.
- Applications that do not comply with Eligibility or meet Program Requirements and Restrictions.
- Applications from applicants that apply more than one time during the funding cycle.

Appeal Rights

Applicants can appeal to Glenn County RCD over any discretionary action within ten (10) days of receiving a notice of disqualification. The appeal must be in written form and signed by the responsible party named on the grant application, or by an agent whom the applicant has authorized in writing. It must state the grounds for the appeal and include any supporting documents and a copy of the Glenn County RCD decision being challenged. The submissions must be emailed to hsp-sweep@glenncountyrcd.org (preferred) or mailed to the Glenn County Resource Conservation District, 132 N Enright Avenue, Suite C, Willows, CA 95988. If Glenn County RCD does not receive appeals within the time frame provided above, it will not consider the appeal. Appeal rights are only afforded to disqualifications.

Award and Regrets Notices

Glenn County RCD will notify successful applicants of their grant award through email and will initiate the grant agreement execution process. At the time Glenn County RCD announces awards, Glenn County RCD will also notify unsuccessful applicants. Unsuccessful applicants may request feedback on their applications. If requested, Glenn County RCD will provide feedback within 20 business days.

Award Process

Grant Agreement Execution

Glenn County RCD estimates that the process of executing a grant agreement will take one month. A Glenn County RCD staff member may contact each recipient to schedule a pre-project consultation to confirm project site information and discuss implementation plans. Glenn County RCD may require applicants to provide APN map(s) of the impacted acreage, confirm the location of the project, provide photographs of the project site or provide additional information as necessary. Following finalization of the scope of work and budget, Glenn County RCD will send the recipient a Grant Agreement package with instructions regarding award requirements including information on project implementation, verification, and payment process. **See sample in Appendix E: Sample Grant Agreement.**

Award Timeline	Estimated Time for Stage Completion
Glenn County RCD prepares Grant Agreement packet – During this step, Glenn County RCD staff and/or partners will work with recipients to get additional information, as needed, to execute the grant. Glenn County RCD requests a response to inquiries or documents within 5 business days.	Approximately 10 days
Grant Agreement Execution	Approximately 30 days

Project Implementation

Once Glenn County RCD has fully executed the Grant Agreement, the grant recipient or awardee can begin implementation of the project if it is on or after the official project start date in the agreement. During project implementation, grant recipients must maintain frequent communication with Glenn County RCD staff about the HSP project. Glenn County RCD staff may regularly send emails or surveys to gauge project progress in addition to quarterly invoicing. **Recipients must be responsive. Communication is key!**

Project Year Timeline

The official grant start date for an individual awarded grant is either the date of grant agreement execution, or the grant term start date on the first page of the agreement, whichever date is later. The timeline for funding expenditures of awarded grants is provided in the table below. Extensions may be possible to the grant term, extending it by no longer than three (3) months.

Project Year	Estimated Duration of the Project Year
1	Date of grant agreement execution – 8/31/2025
2	9/1/2025 – 8/31/2026
3	9/1/2026 – 8/31/2027

Implementation should not begin prior to grant agreement execution, or the grant term start date on the first page of the agreement, whichever date is later. Glenn County RCD encourages the implementation of some eligible management practices, such as cover cropping, prior to December 31 in each project year, to allow adequate time for plant establishment and biomass accumulation.

Grant Recipients are responsible for the overall management of the awarded project to ensure all project activities are completed as identified in the grant agreement. Failure to do so may result in Glenn County RCD withholding all or any portion of the grant funding, or terminating the Grant Agreement.

Project Verifications

All awarded projects will be subject to verification to ensure that Grant Recipients are implementing their agricultural management practices in a manner consistent with the USDA NRCS CPS guidelines and Healthy Soils Program Requirements (Appendix A). Grant Recipients are required to collect and submit all documents listed in Appendix A during the verification process. Glenn County RCD will conduct verifications, which may include field visits, and/or remote evaluations via phone, video conferencing, or emails during the grant term. Glenn County RCD may request any or all documents listed in Appendix A to successfully complete the project verification. Grant Recipients must assist in completing verifications every year in order to receive their annual incentive funds. Grant Recipients must retain verification documents three (3) years after the grant agreement expiration date, or as specified in the closeout notification.

Quarterly Progress Reporting

Quarterly, all Grant Recipients will complete a brief progress report to update Glenn County RCD on the status of project implementation.

Project Changes and Terminations

Grant Recipients should communicate with their Glenn County RCD grant manager promptly if they foresee an issue with grant implementation. It is the Grant Recipient’s responsibility to report to Glenn County RCD no later than 10 days prior to the occurrence of any changes related to their grants. If Grant Recipients need a grant extension, and it is available within fund liquidation deadlines, Grant Recipients must request an extension no later than sixty (60) days prior to the end date of the existing grant agreement. Glenn County RCD cannot guarantee that it will be able to grant extensions. Neither Grant Recipients nor CDFA can transfer grant awards to a different individual or agricultural operation. If a Grant Recipient would like to terminate their grant, a termination request must be sent via email to their Glenn County RCD grant manager explaining the need for the termination. Funding is no longer available to the Grant Recipient once they have submitted their termination request to Glenn County RCD. If the Grant Recipient expended funds on the terminated grant for work not performed, they may be required to repay funds within thirty (30) days of the termination request. Any remaining funds in terminated grants will revert back to Glenn County RCD.

Post-Project Completion Requirements

Grant Recipients must maintain implementation of practices incentivized through this program throughout the term of the grant agreement. However, most benefits from implementation of practices accrue over the long term, and Grant Recipients are encouraged to continue and/or expand these practices on their operations to achieve long-term benefits. Grant Recipients must agree to post-project completion requirements which require them to take soil samples and provide a soil organic matter analysis report after the third year of initial implementation. This soil analysis will occur outside the grant term and therefore should be covered by the Grant Recipient's funds as a cost share. Additionally, Grant Recipients must maintain documentation related to their HSP-funded projects for three (3) years after completion of the project.

Glenn County RCD will consider a Grant Recipient's failure to provide the necessary project-related documentation, including the post-project soil organic matter analysis reports, as non-performance, and that may impact consideration of the Grant Recipient's future applications for funding. Glenn County RCD may take any action deemed necessary to recover all or any portion of the grant funding.

The State of California has the right to review project documents and conduct audits during the project life. Glenn County RCD, or its designated representative, may contact a subset of awarded projects to collect data including, but not limited to, eligible agricultural management practice implementation and GHG emissions reduction estimates, for three (3) years after project completion.

Soil Organic Matter Reporting Requirements

Grant Recipients are required to take soil samples right before starting practice implementation and within the grant term for accurate soil organic matter (SOM) evaluation. Additionally, Grant Recipients are required to sample SOM content annually, prior to each year's practice implementation. For accurate results, this should be done in the same month as the baseline soil sample and should be tested with the same method by the same laboratory. Altogether, soil samples must be taken once prior to project implementation and one, two, and three (3) years following initial project implementation. Expenses of soil samples (including sample collection and analysis) may be reimbursed on a flat-rate basis (\$50 per SOM analysis) if they were incurred within the grant term.

However, if the soil samples are outside the grant term (generally the final soil sample), the Grant Recipients must pay out of pocket for these analyses (see table below).

Each submission of SOM data should contain a laboratory report for each field's sample(s). The laboratory can be from one of the accredited soil analytical laboratories recommended, but laboratories used do not have to be recommended by CDFA or Glenn County RCD. Glenn County RCD strongly recommends sending soil samples for the same project to the same soil analytic laboratory throughout the grant term to reduce errors due to different laboratory operational procedures. Grant Recipients are strongly encouraged to follow the soil sampling protocol provided in the [HSP Soil Sampling Protocol for Soil Organic Matter Analysis](#) when collecting soil samples.

Sample Year	Inside Grant Term	Reimbursable
Year 1 – prior to implementation	Yes	Yes
Year 2	Yes	Yes
Year 3	Yes	Yes
Year 4 – post grant term	No	No

Payment Process

HSP is a reimbursement-based grant program. Glenn County RCD will provide the Grant Recipient with the necessary grant award and invoicing documents for the reimbursement process. Grant payments will follow a flat-rate reimbursement system; reimbursement rates are provided in Appendix A. After project verification, Grant Recipients may submit their invoice documents for processing. Please note Glenn County RCD anticipates invoicing quarterly; reimbursement payments may take 120 days or more.

For projects implementing compost application, the estimated payments provided by the CDFA HSP Comet-Planner tool are based on the maximum allowable application rate for compost. In cases where Grant Recipients apply compost at a lower rate, Glenn County RCD will adjust the reimbursement amount to be consistent with tons of compost applied as part of the project. In the case of projects applying on-farm produced compost, C:N ratio(s) and application rate(s) must be consistent with those provided in the grant application. If a finished compost has a different C:N ratio, Glenn County RCD may adjust its application rate to be consistent with allowable application rates for the HSP. This may result in a change in estimated payments and in the project budget. Please refer to the compost application table under Practice Implementation Requirements for more details.

Glenn County RCD will consider Grant Recipients to be in non-performance if they fail to provide necessary project-related documentation to Glenn County RCD or its designees. If Glenn County RCD determines through a Critical Project Review that at that time the grant project is not meeting milestones, and is unlikely to meet them, Glenn County RCD has the right to terminate the Grant Agreement pursuant to the Terms and Conditions of the Grant Agreement. Termination may result in forfeiture of funds by the Grant Recipients. It is the Grant Recipient's responsibility to follow up with Glenn County RCD on issues related to reimbursement within the grant term. Reimbursement will not be possible after the project has been closed out.

Advanced Payments

If selected for funding, recipients may be eligible for an advance payment of up to 25 percent (%) of the grant award, subject to the provisions of Section 316.1 "Advance Payments" of the [California Code of Regulations, Division 1, Chapter 5](#). If appropriate justification is submitted and recipient follows grant management requirements, Glenn County RCD may issue additional advance payments in accordance with CDFA regulations.

State Audit and Accounting Requirements

In addition to HSP program requirements, awarded projects may be subject to State Audit and Accounting Requirements listed below.

Audit Requirements

Projects are subject to audit by the State annually and for three (3) years following the final payment of grant funds. If the project is selected for audit, Glenn County RCD and/or CDFA will contact the recipient in advance of audit-related requests or visits. The audit shall include all books, papers, accounts, documents, or other records of recipient, as they relate to the project. The recipient must make available all project expenditure documentation for an audit, whether paid with grant funds or other funds.

The recipient must have project records, including source documents and evidence of payment, readily

available and must provide an employee with knowledge of the project to assist the auditor. The Grantee must provide a copy of any document, paper, record, etc., requested by the auditor.

Accounting Requirements

The recipient must maintain an accounting system that will:

- Accurately reflect fiscal transactions and has the necessary controls and safeguards in place.
- Provides a good audit trail, including original source documents such as purchase orders, receipts, progress payments, invoices, employee paystubs and timecards, evidence of payment, etc.
- Provides accounting data so the total cost of each individual project can be readily determined.

Records Retention

Recipients must retain records for a period of three (3) years after final payment and at least one year following an audit.

Let it be acknowledged this project is being funded through a CDFA OEFI HSP Block Grant Pilot Program. Glenn County RCD is required to meet its Grant Agreement with CDFA OEFI; therefore, should at any time modifications need to be made throughout the term of this project to produce an efficient and effective program while meeting Grant Agreement requirements, Glenn County RCD will provide proper notification to those who have expressed interested in applying for HSP as well as post the modifications to its HSP website page.

Appendix A: Practice Payment Scenarios, Rates, Requirements, and Implementation Guidelines

Appendix A: Practice Payment Scenarios, Rates, Requirements, and Implementation Guidelines

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Cropland	Alley Cropping (NRCS CPS 311)	Replace 20% of Annual Cropland with Woody Plants	Tree-planting, single row	Ac	\$2,447.20	1	Tree crop name(s)	(1) Potted seedling size at ≥ 2 gal; (2) Plant density at ≥ 40 trees/acre; (3) Tree protection and irrigation.	(1) 3-5 Geotagged photographs showing established trees, (2) Receipts of seedlings purchased; (3) Species and number of live plants; (4) Maintenance of plant growth in the project term and beyond.
Cropland	Compost Application (NRCS CPS 808)	Compost (C:N ≤ 11) application to annual crops, on-farm produced compost	3 tons/Acre	Ac	\$192.96	3	Compost C:N ratio, Application Rate	(1) Application rate must be between 3-5 tons/acre; (2) Compost materials, method and Composting process must be documented. (3) Feedstocks may include green materials, food materials, wood waste, yard trimmings, agricultural materials or biosolids as defined in 14 CCR Section 17852 (https://www.law.comell.edu/regulations/california/14-CCR-17852).	(1) 3-5 Geotagged photographs showing compost piles, compost being spread and ground right after compost is applied; (2) A composting log including raw materials, method, and temperatures during composting process; (3) Estimated total tonnage of compost applied; (4) Compost analysis report on C:N ratio.
			4 tons/Acre	Ac	\$257.28	3			
			5 tons/Acre	Ac	\$321.60	3			
		Compost (C:N ≤ 11) application to annual crops, purchased compost	3 tons/Acre	Ac	\$192.96	3	Compost C:N ratio, Application Rate	Application rate must be between 3-5 tons/acre	(1) 3-5 Geotagged photographs showing compost piles, compost being spread and field ground right after compost is completely applied, (2) A copy of receipt for compost purchased; (3) Compost analysis report on C:N ratio; (4) A certificate of the compost facility if it is not included in the list at https://www2.calrecycle.ca.gov/SolidWaste/Site/SearchSite .
			4 tons/Acre	Ac	\$257.28	3			
			5 tons/Acre	Ac	\$321.60	3			

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Cropland	Compost Application (NRCS CPS 808)	Compost (C:N > 11) application to annual crops, on-farm produced compost	6 tons/Acre	Ac	\$385.92	3	Compost C:N ratio, Application Rate	(1) Application rate must be between 6-8 tons/acre; (2) Compost materials, method and Composting process must be documented. (3) Feedstocks may include green materials, food materials, wood waste, yard trimmings, agricultural materials or biosolids as defined in 14 CCR Section 17852 (https://www.law.cornell.edu/regulations/california/14-CCR-17852).	(1) 3-5 Geotagged photographs showing compost piles, compost being spread and ground right after compost is applied; (2) A composting log including raw materials, method, and temperatures during composting process; (3) Estimated total tonnage of compost applied; (4) Compost analysis report on C:N ratio.
			7 tons/Acre	Ac	\$450.24	3			
			8 tons/Acre	Ac	\$514.56	3			
		Compost (C:N > 11) application to annual crops, purchased compost	6 tons/Acre	Ac	\$385.92	3	Compost C:N ratio, Application Rate	Application rate must be between 6-8 tons/acre	
			7 tons/Acre	Ac	\$450.24	3			
			8 tons/Acre	Ac	\$514.56	3			
Cropland	Conservation Cover (NRCS CPS 327)	Convert Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume cover	Introduced species	Ac	\$403.70	1	Introduced perennial species	(1) Seeding rate at 21-40 pure live seeds per sqft; (2) Plant protection from animal damage and growth maintenance.	(1) 3-5 Geotagged photographs of fields showing established plants (>60% plant cover); (2) Receipts of seeds purchased including species names; (3) Good plant growth during the project term.
			Introduced species with foregone income	Ac	\$555.82	1		(1) Seeding rate at 41-60 pure live seeds per sqft; (2) Plant protection from animal damage and growth maintenance.	
			Native species	Ac	\$350.34	1	Mix of native perennial species	(1) Seeding rate at 21-40 pure live seeds per sqft; (2) Plant protection from animal damage and growth maintenance.	
			Native species with foregone income	Ac	\$660.34	1			

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Cropland	Conservation Cover (NRCS CPS 327)	Convert Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume cover	Monarch species – mix species	AC	\$1,404.68	1	Mix of native perennial grass & forbs including native milkweeds for wildlife, pollinators, or ecosystem restoration	(1) At least 4% native milkweeds (<i>Asclepias</i> spp.) and less than 50% grasses; (2) Seeding rate at 21-40 pure live seeds per sqft; (3) Plant protection from animal damage and growth maintenance.	(1) 3-5 Geotagged photographs of fields showing established plants (>60% plant cover); (2) Receipts of seeds purchased including species names; (3) Good plant growth during the project term.
			Monarch species – mix species with foregone income	AC	\$1,443.92	1			
			Pollinator species	AC	\$1,138.96	1	Mix of native perennial grasses, legumes, and forbs to provide habitat for pollinators	(1) Mixed native species with less than 50% grasses; (2) Seeding rate at 21-40 pure live seeds per sqft; (3) Plant protection from animal damage and good maintenance.	
			Pollinator species with foregone income	AC	\$1,134.30	1			
Cropland	Conservation Crop Rotation (NRCS CPS 328)	Decrease Fallow Frequency or Add Perennial Crop to Rotations	Basic rotation	AC	\$23.34	3	A rotation plan including all crops in the sequence with at least one annual crop.	Effective implementation of the rotation plan to add higher residue and/or perennial crops to reduce erosion and increase other benefits.	(1) 3-5 Geotagged photographs of the field showing crops in the rotation (2) A farming log recording rotation implementation.
			Specialty crops	AC	\$62.24	3			
Cropland	Contour Buffer Strips (NRCS CPS 332)	Convert Strips of Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume cover	Introduced species, foregone income	AC	\$587.10	1	Perennial species	(1) Width of strips: ≥15 ft wide if ≥50% grass species OR ≥30 ft wide when legume/forbs used alone, or ≥50% legumes; (2) Seeding rate at 41-60 pure live seeds per sqft; (3) Inoculate legumes at planting if legume is used; and (4) Good maintenance.	(1) 3-5 Geotagged photographs of fields showing established strips (>60% plant cover); (2) Receipts of seeds purchased; (3) Plant species name and seeding rate; (4) Good plant growth during the project term.
			Native species, foregone income	AC	\$563.08	1	Native perennial species	(1) Width of strips: ≥15 ft wide if grass species consists of 50% or more OR ≥30 ft wide when legume/forbs are used alone, or legumes consist of 50% or more; (2) Seeding rate at 21-40 pure live seeds per sqft; (3) Inoculate legumes at planting if legume is used; and (4) Good maintenance.	

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Cropland	Contour Buffer Strips (NRCS CPS 332)	Convert Strips of Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume cover	Wildlife Pollinator, foregone income	Ac	\$563.08	1	Native perennial species with at least 3 pollinator friendly species	(1) Width of strips: ≥15 feet wide if grass species consists of 50% or more OR ≥30 feet wide when legume/forbs are used alone, or legumes consist of 50% or more; (2) Seeding rate at 21-40 pure live seeds per sqft; (3) Inoculate legumes at planting time if legume species is used; and (4) Good maintenance.	(1) 3-5 Geotagged photographs of fields showing established strips (>60% plant cover); (2) Receipts of seeds purchased; (3) Plant species name and seeding rate; (4) Good plant growth during the project term.
Cropland	Cover Crop (NRCS CPS 340)	Add Legume or Non-Legume Seasonal Cover Crop to Irrigated or Non-Irrigated Cropland	One species	Ac	\$122.46	3	Cover crop species	(1) Single or multiple species cover crop is planted without fertilizer. (2) Cover crop is allowed to grow to produce as much biomass as possible. (3) Cover crop biomass/residue should not be removed to other places.	(1) 3-5 Geotagged photographs showing established cover crops in the field (≥60% coverage), (2) Receipts of cover crop seeds purchased, (3) Cover crop species name and seeding rate.
			Multiple species	Ac	\$153.32	3			
Cropland	Field Border (NRCS CPS 386)	Convert Strips of Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume Cover	Introduced species	Ac	\$247.90	1	Introduced perennial species	(1) Seeding rate at 41-60 pure live seeds per sqft; (2) Maintain good plant growth during the project term.	(1) 3-5 Geotagged photographs of fields showing established field border; (2) Receipts of seeds purchased; (3) Plant species name and seeding rate; (4) Good plant growth during the project term.
			Native Species	Ac	\$282.78	1	Native perennial species	(1) Seeding rate at 21-40 pure live seeds per sqft; (2) Maintain good plant growth during the project term.	
			Pollinator Species	Ac	\$756.74	1	Diverse mix of native perennial grasses, legumes and forbs that are pollinator friendly	(1) Species flower throughout the growing season with ≤50% grasses in the mix; (2) Seeding rate at 21-40 pure live seeds per sqft; (3) Maintain plant growth in the project term.	

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Cropland	Filter Strip (NRCS CPS 393)	Convert Strips of Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume Cover	Introduced species	Ac	\$371.66	1	Introduced perennial plant species	(1) Introduced cool season perennial species; (2) Seeding rate at ≥60 pure live seeds per sqft; (3) Maintain good plant growth during the project term.	3-5 Geotagged photographs of fields showing established filter strip (>60% plant coverage); (2) Receipts of seeds purchased; (3) Plant species name and seeding rate; (4) Good plant growth during the project term.
			Native species	Ac	\$407.92	1	Native perennial plant species	(1) Native perennial species; (2) Seeding rate at 41-60 pure live seeds per sqft; (3) Maintain good plant growth during project term.	
Cropland	Forage and Biomass Planting / Pasture and Hay Planting (NRCS CPS 512)	Conversion of Annual Cropland to Irrigated or Non-Irrigated Grass/Legume Forage/Biomass Crops	Nonnative, high seeding rate with lime or similar amendment	Ac	\$744.86	1	Perennial species	(1) Introduced perennial grasses, legumes, and/or forbs; (2) Seeding rate of 30 lb./acre pure live seed (PLS) or 41-60 pure live seeds per sqft; (3) Lime application if applicable.	(1) 3-5 Geotagged photographs of fields showing established plantings (>60% plant coverage); (2) Receipts of seeds purchased; (3) Plant species name and seeding rate; (4) Maintain plant growth during the project term.
			Nonnative, high seeding rate without lime	Ac	\$509.66	1			
			Nonnative, standard seeding rate with fertilizer	Ac	\$395.34	1		(1) Introduced perennial grasses, legumes, and/or forbs; (2) Seeding rate of 9 lb./acre pure live seed (PLS) or 21-40 pure live seeds per sqft; (3) Fertilizer application if applicable.	
			Nonnative, standard seeding rate without fertilizer	Ac	\$177.92	1			

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Cropland	Grassed Waterway (NRCS CPS 412)	Convert Strips of Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume Cover	Base Waterway, Pacific Region	Ac	\$2,704.02	1	Perennial species	(1) Planting area is from tops of the bank on both sides; (2) Perennial species at seeding rate ≥60 pure live seeds per sqft. (3) Plant maintenance.	(1) 3-5 Geotagged photographs of fields showing established grassed waterway (>60% plant coverage); (2) Receipts of seeds purchased; (3) Plant species name and seeding rate; (4) Maintain plant growth during the project term.
			Base waterway with checks	Ac	\$4,431.28	1	Perennial species	(1) Planting area is from tops of the bank on both sides; (2) Perennial species at seeding rate ≥60 pure live seeds per sqft. (3) Fabric or stone checks installed every 100 feet along the waterway perpendicular to waterflow and 2/3 the waterway top width to reduce maintenance and provide temporary protection until vegetation is established. Fabric Checks are installed 18" deep with 12" laid over on the surface.	
Cropland	Hedgerow Planting (NRCS CPS 422)	Replace a Strip of Cropland with 1 Row of Woody Plants	Single Row	Ft	\$11.82	1	Hedgerow species	(1) Pollinator-friendly trees, shrubs, and perennial wildflowers; (2) Plant density at ≥200 live plants/acre; (3) Average height at ≥3 feet and extend 15 feet wide at maturity; (4) Plant protection & irrigation.	(1) 3-5 Geotagged photographs of fields showing established hedgerow plants. Photos are taken at both ends & middle of the hedgerow line. (2) Receipts of plants purchased; (3) Plant species name and number of live plants; (4) Maintain plant growth in the project term.
Cropland	Herbaceous Wind Barriers (NRCS CPS 603)	Convert Strips of Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume Cover	Cool Season Perennial Species	LnFt	\$0.16	1	Cool season perennial species	(1) Plant species must be tolerant to soil deposition and stiff; (2) Width of the Herbaceous Wind Barrier must be at least 2 feet.	(1) 3-5 Geotagged photographs of fields showing established grassed waterway (>60% plant coverage); (2) Receipts of seeds purchased; (3) Plant species name and seeding rate; (4) Maintain plant growth during the project term.

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Cropland	Mulching (NRCS CPS 484)	Add Mulch to Croplands	Natural Materials	Ac	\$518.38	3	Natural materials	(1) Materials produced off site; (2) ≥70% of the acreage covered by mulch materials at 1-3 inches thickness or 1-2 tons/acre if using straw. (3) Natural materials include chipped brush, bark, wood shavings, sawdust, leaves, leaf mold, pine needles, grass hay, rice hulls, grasses, grass clippings, crop residues, straw, almond/walnut shells, cocoa bean hulls or coconut fiber. Provide name(s) of natural material(s).	(1) 3-5 Geotagged photographs of fields showing mulching is completely implemented including thickness measured by a ruler and mulch coverage, (2) Receipts of materials purchased, or donated with proof documents.
			Wood Chips	Ac	\$4,385.44	1	Wood chips	(1) Materials produced off site (2) Wood Chips are characterized as chemically untreated, woody material that is ¾ -2 inches in diameter, without leaves and hardy enough to last for several years; (3) Mulch thickness at 2-4 inches; (4) Application rate at ≥40 cubic yards/acre or ≥10 tons/acre.	(1) 3-5 Geotagged photographs showing mulching is implemented including thickness measured by a ruler and mulch coverage, (2) Receipts of materials if purchased or donated with proof documents.
Cropland	Multistory Cropping /Forest Farming (NRCS CPS 379)	Replace 20% of Annual Cropland with woody plants	Native Tree or shrub planting	Ac	\$364.80	1	Native tree or shrub species	(1) Native seedlings with 50% medium size (1 quart to gallon pot or 10 cubic inches container); (2) Plant density at ≥40 live trees/acre; (3) Tree protection and irrigation.	(1) 3-5 Geotagged photographs showing planted trees, (2) Receipts of seedlings purchased; (3) Species and number of live plants; (4) Plant maintenance.
			Nonnative tree or shrub planting	Ac	\$429.60	1	Nonnative tree or shrub species	(1) Shrub seedlings: bare root at 36-60 inches tall or container ≥20 cubic inches; tree seedlings: bare root or container ≥20 cubic inches; (2) Plant density at ≥40 live trees/acre; (3) Tree protection and irrigation.	

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Cropland	Nutrient Management (NRCS CPS 590)	Improved N Fertilizer Management on Irrigated or Non-irrigated Cropland - Reduce Fertilizer Application Rate by 15%	Basic nutrient management	Ac	\$17.80	3	An eligible field(s) is where synthetic nutrient fertilizers have been applied annually	(1) A nutrient management plan for each field/crop based on soil test analysis and University of California or CDFA recommended rates. (2) A farming log records all fertilization activities (fertilizer name, nitrogen content, application rate & date) during each project year.	(1) Crop name(s); (2) the farming log must demonstrate that nitrogen application rate is 15% less than what was used in the past 3 years or UC recommended rate; (3) Receipts of nitrogen fertilizers purchased as applicable; (4) Verification is at the end of the project year or end of fertilization cycle as applicable.
Cropland	Residue and Tillage Management, No-Till (NRCS CPS 329)	Convert Tillage to No Till on Irrigated or Non-irrigated Cropland	No-Till or Strip-Till	Ac	\$32.96	3	Tillage implemented prior to application deadline	(1) No tillage; (2) All plantings must no-till drill or broadcast if applicable. (3) Residues kept on soil surface, not burned, or removed; (4) A farming log recording all field activities related to soil disturbance, dates of activities and equipment used.	(1) 3-5 Geotagged photos for each field showing field operations (including equipment used), field floor and overview of the whole field at end of each project year. (2) A farming log to demonstrate implementation requirements are met; (3) Verification by the end of the project year.
Cropland	Residue and Tillage Management, Reduced Till (NRCS CPS 345)	Intensive Till to Reduced-Till on Irrigated or Non-irrigated Cropland	Reduced- Till	Ac	\$40.74	3	Conventional tillage implemented prior to application deadline	(1) Tillage methods (Mulch/vertical tillage, chiseling, or disking) that limit soil disturbance, or (2) Fewer tillage operations. (3) Plant residue covering soil surface during winter- spring period; (4) A farming log recording all field activities related to soil disturbance.	(1) 3-5 Geotagged photos for each field showing field operations (including equipment used), field floor and overview of the whole field at end of each project year. (2) A farming log to demonstrate implementation requirements are met; (3) Verification by the end of the project year.
Cropland	Riparian Forest Buffer (NRCS CPS 391)	Replace a Strip of Cropland Near Watercourses or Water Bodies with Woody Plants	Bare-root, hand planted	Ac	\$3,862.26	1	Tree and/or shrub plants, Area of practice implementation must be upgradient from and adjacent to a stream	(1) Seedling size: 18-36 inches tall or 10-20 cubic inches container for shrubs and hardwood; 1-year old seedlings or 4-6 cubic inches container for conifer; (2) Plant protection; (3) Plant density ≥35 live plants/acre.	(1) 3-5 Geotagged photographs of the field showing planted trees, (2) Receipts for number and sizes of seedlings/cuttings purchased; (3) Species and number of live trees/shrubs at verification; (4) Tree protection and maintenance.

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Cropland	Riparian Forest Buffer (NRCS CPS 391)	Replace a Strip of Cropland Near Watercourses or Water Bodies with Woody Plants	Cuttings, Small to Medium Size	Ac	\$4,516.20	1	Tree and/or shrub plants, Area of practice implementation must be upgradient from and adjacent to a stream	(1) Size: 0.25-1 inch in diameter and 2-4 feet long; (2) Plant protection; (3) Plant density ≥35 live plants/acre.	(1) 3-5 Geotagged photographs of the field showing planted trees, (2) Receipts for number and sizes of seedlings/cuttings purchased; (3) Species and number of live trees/shrubs at verification; (4) Tree protection and maintenance.
			Cuttings, Medium to Large Size	Ac	\$8,254.12	1		(1) Size: medium (0.25-1" diameter and 2-4' long) to large (2-6" diameter and 6' long); (2) Plant protection; (3) ≥35 live plants/acre.	
			Small container, hand planted	Ac	\$6,980.70	1		(1) Potted seedling size: 1 quart to 1 gallon; (2) Plant protection; (3) ≥35 live plants/acre.	
			Large container, hand planted	Ac	\$12,925.20	1		(1) Potted seedling size: 2 gallons or larger; (2) Plant protection; (3) ≥35 live plants per acre.	
Cropland	Riparian Herbaceous Cover (NRCS CPS 390)	Convert Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume cover Near Aquatic Habitats	Broadcast Seeding	Ac	\$1,404.16	1	Native perennial species, Area of practice implementation must be upgradient from and adjacent to a stream	(1) Native perennial grasses, legumes, and forbs with ≤50% grasses; (2) Broadcast planting and/or no-till drill seeded at rate of 41-60 pure live seeds/sq ft; (3) Plant maintenance.	(1) 3-5 Geotagged photographs showing established riparian cover (>60% plant cover); (2) Receipts for materials purchased; (3) Planting method and seeding rate; (4) Maintenance of established riparian zone - an adapted, diverse vegetative plant community that is under close management to ensure long term survival & ecological succession.
			Broadcast Seeding with Foregone Income	Ac	\$2,904.24	1		(1) Native aquatic plants plug-planted; (2) Plant density at 19,360 plants/acre (3) Plant maintenance.	
			Plug Planting	Ac	\$30,420.90	1		(1) Native perennial grasses, legumes, and forbs with ≥50% grasses; (2) Plug planting at density of 9,680 plants/acre and broadcast planting and/or no-till drill seeded at 41-60 pure live seeds/sq ft; (3) Plant maintenance.	
			Combination Broadcast Seeding and Plug Planting	Ac	\$15,571.50	1		(1) Native perennial species with ≤50% grasses; (2) 2-12 species to ensure ≥2 species in bloom at any given time of the growing season; (3) Broadcast or no-till drill seeded at rate of 41-60 pure live seeds/sq ft; (4) Plant maintenance.	
			Pollinator Cover	Ac	\$2,474.26	1			

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Cropland	Strip Cropping (NRCS CPS 585)	Add Perennial Cover Grown in Strips with Irrigated or Non-Irrigated Annual Crops	Wind and water erosion control	Ac	\$3.30	1	Perennial species that are erosion resistant	(1) Two or more strips are required; (2) ≥ 50% vegetation cover must be perennial and erosion resistant species. (3) Do not include erosion-susceptible crops in adjacent strips at the same time during the year.	(1) 3-5 Geotagged photographs of fields showing established strips (>60% plant coverage); (2) receipts of seeds purchased; (3) Number, width & length of strips; (4) Maintenance in project term.
Cropland	Tree/Shrub Establishment (NRCS CPS 612)	Conversion of Annual Cropland to a Farm Woodlot	Conservation, hand planted	Ac	\$603.00	1	Tree and/or shrub species	(1) Shrub seedlings at 6-18 inches tall or ≤10 cubic inches container; Tree or hardwood seedlings at 18-36 inches tall or 10-20 cubic inches container. (2) Plant growth maintenance. (3) Plant density: ≥150 live trees per acre	(1) 3-5 Geotagged photographs of fields showing planted trees/shrubs; (2) Receipts of seedlings purchased, species and number of live plants; (3) Tree protection, and irrigation as needed; (4) Tree growth maintenance during the project term.
			Conservation, hand planted, browse protection	Ac	\$1,526.54	1		(1) Shrub seedlings at 6-18 inches tall or ≤10 cubic inches container; Tree or hardwood seedlings at 18-36 inches tall or 10-20 cubic inches container. (2) Plant protection from animal damage and wood stake to fasten plants in place. (3) Growth maintenance. (4) Plant density: ≥150 live trees per acre.	
Cropland	Vegetative Barrier (NRCS CPS 601)	Convert Strips of Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume Cover	Vegetative Planting	Ft	\$1.90	1	Perennial plant species - must meet stiffness index and is tolerant to soil erosion; Location is where sheet or rill erosion is of concern.	(1) Permanent strips of stiff, dense vegetation established along the general contour of slopes; with vegetation stiffness index (VSI) of 0.05-0.10; (2) Broadcast or drill seeds in a strip of 3 feet or wider; (3) plant maintenance.	(1) 3-5 Geotagged photographs taken at both ends & middle of established barrier (>60% plant cover); (2) Receipts of seeds purchased; (3) Established plants at verification; (4) Plant maintenance during project term.

Application Phase								Implementation Phase		
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements	
Cropland	Windbreak/ Shelterbelt Establishment (NRCS CPS 380)	Replace a Strip of Cropland with 1 Row of Woody Plants	1-row, trees, containers, hand planted, with tree protected	Ft	\$1.66	1	Tree and/or shrub species	(1) Container seedlings at 15-20 cubic inches or bare root seedlings at 2-3 years old before transplanting (2) Plant protection and irrigation are required; (3) Plant density ≥200 live plants/acre.	(1) 3-5 Geotagged photographs taken at both ends & middle of the tree line; (2) Receipts of seedlings purchased; (3) Species and number of live plants; (4) Tree protection and irrigation; (5) Plant maintenance.	
			1-row, trees and/or shrub, with wind protection fence	Ft	\$2.68	1		(1) Container seedlings at 15-20 cubic inches or bare root seedlings at 2-3 years old before transplanting (2) A wind-protection fence and irrigation are required; (3) Plant density ≥200 live plants/acre.		
Orchard or Vineyard	Compost Application (NRCS CPS 808)	Compost (C:N ≤ 11) application Orchard or Vineyard, On-farm produced compost	2 tons/Acre	Ac	\$128.64	3	Compost C:N ratio, Application Rate	(1) Application rate must be between 2-4 tons/acre; (2) Compost materials, method and Composting process must be documented. (3) Feedstocks may include green materials, food materials, wood waste, yard trimmings, agricultural materials or biosolids as defined in 14 CCR Section 17852 (https://www.law.cornell.edu/regulations/california/14-CCR-17852).	(1) 3-5 Geotagged photographs showing compost piles, compost being spread and ground right after compost is applied; (2) A composting log including raw materials, method, and temperatures during composting process; (3) Estimated total tonnage of compost applied; (4) Compost analysis report on C:N ratio.	
			3 tons/Acre	Ac	\$192.96	3				
			4 tons/Acre	Ac	\$257.28	3				
		Compost (C:N ≤ 11) application Orchard or Vineyard, Purchased compost	2 tons/Acre	Ac	\$128.64	3	Compost C:N ratio, Application Rate			Application rate must be between 2-4 tons/acre
			3 tons/Acre	Ac	\$192.96	3				
			4 tons/Acre	Ac	\$257.28	3				

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Orchard or Vineyard	Compost Application (NRCS CPS 808)	Compost (C:N > 11) application Orchard or Vineyard, On-farm produced compost	6 tons/Acre	Ac	\$385.92	3	Compost C:N ratio, Application Rate	(1) Application rate must be between 6-8 tons/acre; (2) Compost materials, method and Composting process must be documented. (3) Feedstocks may include green materials, food materials, wood waste, yard trimmings, agricultural materials or biosolids as defined in 14 CCR Section 17852 (https://www.law.cornell.edu/regulations/california/14-CCR-17852).	(1) 3-5 Geotagged photographs showing compost piles, compost being spread and ground right after compost is applied; (2) A composting log including raw materials, method, and temperatures during composting process; (3) Estimated total tonnage of compost applied; (4) Compost analysis report on C:N ratio.
			7 tons/Acre	Ac	\$450.24	3			
			8 tons/Acre	Ac	\$514.56	3			
		Compost (C:N > 11) application Orchard or Vineyard, Purchased compost	6 tons/Acre	Ac	\$385.92	3	Compost C:N ratio, Application Rate	Application rate must be between 6-8 tons/acre	
			7 tons/Acre	Ac	\$450.24	3			
			8 tons/Acre	Ac	\$514.56	3			
Orchard or Vineyard	Conservation Cover (NRCS CPS 327)	Convert Idle Land near Orchard/ Vineyard to Permanent Unfertilized Grass or Grass/Legume cover	Introduced species	Ac	\$403.70	1	Introduced perennial species	(1) Seeding rate at 21-40 pure live seeds per sqft; (2) Plant protection from animal damage and growth maintenance.	(1) 3-5 Geotagged photographs of fields showing established plants (>60% plant cover); (2) Receipts of seeds purchased including species names; (3) Good plant growth during the project term.
			Introduced species with foregone income	Ac	\$555.82	1		(1) Seeding rate at 41-60 pure live seeds per sqft; (2) Plant protection from animal damage and growth maintenance.	
			Native species	Ac	\$350.34	1	Mix of native perennial species	(1) Seeding rate at 21-40 pure live seeds per sqft; (2) Plant protection from animal damage and growth maintenance.	
			Native species with foregone income	Ac	\$660.34	1			

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Orchard or Vineyard	Conservation Cover (NRCS CPS 327)	Convert Idle Land near Orchard/ Vineyard to Permanent Unfertilized Grass or Grass/Legume cover	Monarch species – mix species	Ac	\$1,404.68	1	Mix of native perennial grass & forbs including native milkweeds for wildlife, pollinators, or ecosystem restoration	(1) At least 4% native milkweeds (<i>Asclepias</i> spp.) and less than 50% grasses; (2) Seeding rate at 21-40 pure live seeds per sqft; (3) Plant protection from animal damage and growth maintenance.	(1) 3-5 Geotagged photographs of fields showing established plants (>60% plant cover); (2) Receipts of seeds purchased including species names; (3) Good plant growth during the project term.
			Monarch species – mix species with foregone income	Ac	\$1,443.92	1			
			Pollinator species	Ac	\$1,138.96	1	Mix of native perennial grasses, legumes, and forbs to provide habitat for pollinators	(1) Mixed native species with less than 50% grasses; (2) Seeding rate at 21-40 pure live seeds per sqft; (3) Plant protection from animal damage and good maintenance.	
			Pollinator species with foregone income	Ac	\$1,134.30	1			
		Plant Permanent Grass or Grass/Legume Cover in Orchard/ Vineyard Alleys	Orchard or Vineyard Alleyways	Ac	\$271.80	1	Perennial species	(1) Inoculate legumes at planting time if legume species is used, and (2) Maintain permanent vegetation	
Orchard or Vineyard	Cover Crop (NRCS CPS 340)	(1) Add Legume or Non-Legume Cover Crop to Orchard/ Vineyard Alleys	One species	Ac	\$122.46	3	Cover crop species	(1) Single or multiple species cover crop is planted without fertilizer. (2) Cover crop is allowed to grow to produce as much biomass as possible. (3) Cover crop biomass/residue should not be removed to other places.	(1) 3-5 Geotagged photographs showing established cover crops in the field (≥60% coverage), (2) Receipts of cover crop seeds purchased, (3) Cover crop species name and seeding rate.
			Multiple species	Ac	\$153.32	3			

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Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Orchard or Vineyard	Filter Strip (NRCS CPS 393)	Convert Idle Land Near Orchard/Vineyard to Permanent Unfertilized Grass or Grass/Legume Cover	Introduced species	Ac	\$371.66	1	Introduced perennial species	(1) Introduced perennial species; (2) Seeding rate at ≥60 pure live seeds per sqft; (3) Maintain plant growth.	(1) 3-5 Geotagged photographs of fields showing established filter strip (>60% plant coverage); (2) Receipts of seeds purchased; (3) Plant species name and seeding rate; (4) Good plant growth during the project term.
			Native species	Ac	\$407.92	1	Native perennial species	(1) Native perennial species; (2) Seeding rate at 41-60 pure live seeds per sqft; (3) Maintain plant growth.	
Orchard or Vineyard	Hedgerow Planting (NRCS CPS 422)	Plant 1 Row of Woody Plants on Border of Orchard/Vineyard	Single Row	Ft	\$11.82	1	Hedgerow species	(1) Pollinator-friendly trees, shrubs, and perennial wildflowers; (2) Plant density at ≥200 live plants/acre; (3) Average height at ≥3 feet and extend 15 feet wide at maturity; (4) Plant protection & irrigation.	(1) 3-5 Geotagged photographs taken at both ends & middle of the hedgerow line. (2) Receipts of plants purchased; (3) Plant species name and number of live plants; (4) Maintain plant growth in the project term.
Orchard or Vineyard	Mulching (NRCS CPS 484)	Add Mulch to Orchard or Vineyard	Natural Materials	Ac	\$518.38	3	Natural materials	(1) Materials produced off site; (2) ≥70% of the acreage covered by mulch materials at 1-3 inches thickness or 1-2 tons/acre if using straw. (3) Natural materials include chipped brush, bark, wood shavings, sawdust, leaves, leaf mold, pine needles, grass hay, rice hulls, grasses, grass clippings, crop residues, straw, almond/walnut shells, cocoa bean hulls or coconut fiber. Provide name(s) of natural material(s).	(1) 3-5 Geotagged photographs of fields showing mulching is completely implemented including thickness measured by a ruler and mulch coverage, (2) Receipts of materials purchased, or donated with proof documents.
			Wood Chips	Ac	\$4,385.44	1	Wood chips	(1) Materials produced off site (2) Wood Chips are characterized as chemically untreated, woody material that is ¾ -2 inches in diameter, without leaves and hardy enough to last for several years; (3) Mulch thickness at 2-4 inches; (4) Application rate at ≥40 cubic yards/acre or ≥10 tons/acre.	

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Orchard or Vineyard	Nutrient Management (NRCS CPS 590)	Improved N Fertilizer Management on Orchard/Vineyard - Reduce Fertilizer Application Rate by 15%	Basic nutrient management	Ac	\$17.80	3	An eligible field(s) is where synthetic nutrient fertilizers have been applied annually	(1) A nutrient management plan for each field/crop based on soil test analysis and University of California or CDFG recommended rates. (2) A farming log records all fertilization activities (fertilizer name, nitrogen content, application rate & date) during each project year.	(1) Crop name(s) and age or yield target; (2) the farming log must demonstrate that nitrogen application rate is 15% less than what was used in the past 3 years or UC recommended rate; (3) Receipts of nitrogen fertilizers purchased as applicable; (4) Verification is at the end of the project year or end of fertilization cycle as applicable.
Orchard or Vineyard	Residue and Tillage Management, No-Till (NRCS CPS 329)	Convert Tillage to No Till in Orchard/Vineyard Alleys	No-Till or Strip-Till	Ac	\$32.96	3	Tillage implemented prior to application deadline	(1) No tillage; (2) all planting methods are no-till drill or broadcast if applicable. (3) Residues are kept on soil surface and not burned or removed; (4) A farming log recording all field activities.	(1) 3-5 Geotagged photos showing field operations, field floor and overview of the whole field at end of project year; (2) A farming log; (3) verification at the end of project year.
Orchard or Vineyard	Residue and Tillage Management, Reduced Till (NRCS CPS 345)	Convert Tillage to Reduced Till in Orchard/Vineyard Alleys	Reduced- Till	Ac	\$40.74	3	Conventional tillage implemented prior to application deadline	(1) Tillage methods (Mulch/vertical tillage, chiseling, or disking) that limit soil disturbance, or (2) Fewer tillage operations. (3) Plant residue covering soil surface during winter- spring period; (4) A farming log recording all field activities related to soil disturbance dates of activities and equipment used.	(1) 3-5 Geotagged photos for each field showing field operations (including equipment used), field floor and overview of the whole field at end of each project year. (2) A farming log to demonstrate implementation requirements are met; (3) Verification by the end of the project year.
Orchard	Whole Orchard Recycling (NRCS CPS 808)	Whole Orchard Recycling	Whole Orchard Recycling	Ac	\$861.42	1	Age of trees at application	(1) Only orchards with trees at least ten years of age at application are eligible; (2) Orchard trees should be chipped and incorporated on the field where they were grown, not to export to new fields.; (3) Chips must be evenly distributed throughout the orchard and incorporated into the soil to at least 6 inches depth.	(1) 3-5 Geotagged photographs of fields showing tree removal, chipping, spreading and incorporation of wood chips; (2) A farm log including chipping details (e.g., tons of chips, size); (3) Before and after pictures of orchard; (4) Verification is when chips are incorporated.

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Orchard or Vineyard	Windbreak/ Shelterbelt Establishment (NRCS CPS 380)	Plant 1 Row of Woody Plants on Border of Orchard/Vineyard	1-row, trees, containers, hand planted, with tree protected	Ft	\$1.66	1	Tree and/or shrub species	(1) Container seedlings at 15-20 cubic inches or bare root seedlings at 2-3 years old before transplanting (2) Plant protection and irrigation are required; (3) ≥200 live plants/acre.	(1) 3-5 Geotagged photographs taken at both ends & middle of the tree line. (2) Receipts of seedlings purchased; (3) Species and number of live plants; (4) Tree protection and irrigation; (5) Plant maintenance during the project term.
			1-row, trees and/or shrub, with wind protection fence	Ft	\$2.68	1		(1) Container seedlings at 15-20 cubic inches or bare root seedlings at 2-3 years old before transplanting (2) A wind-protection fence and irrigation are required; (3) ≥200 live plants/acre.	
Grazing Land	Compost Application (NRCS CPS 808)	Compost (C:N >11) Application to Grazed Grassland, or Grazed, Irrigated Pasture, purchased compost	6 tons/Acre	Ac	\$385.92	3	Compost C:N ratio, Application Rate	Application rate must be between 6-8 tons/Acres	(1) 3-5 Geotagged photographs showing compost piles, compost being spread and field ground right after compost is completely applied, (2) A copy of receipt for compost purchased; (3) Compost analysis report on C:N ratio; (4) A certificate of the compost facility if it is not included in the list at CalRecycle SWIS Facility/Site .
			7 tons/Acre	Ac	\$450.24	3			
			8 tons/Acre	Ac	\$514.56	3			
		Compost (C:N >11) Application to Grazed Grassland or Grazed, Irrigated Pasture, on-farm produced compost	6 tons/Acre	Ac	\$385.92	3	Compost C:N ratio, Application Rate	(1) Application rate must be between 6-8 tons/acre; (2) Compost materials, method and Composting process must be documented. (3) Feedstocks may include green materials, food materials, wood waste, yard trimmings, agricultural materials or biosolids as defined in 14 CCR Section 17852 (https://www.law.cornell.edu/regulations/california/14-CCR-17852).	
			7 tons/Acre	Ac	\$450.24	3			
			8 tons/Acre	Ac	\$514.56	3			
Grazing Land	Hedgerow Planting (NRCS CPS 422)	Replace a Strip of Grassland with 1 Row of Woody Plants	Single Row	Ft	\$11.82	1	Hedgerow species	(1) Pollinator-friendly trees, shrubs, and perennial wildflowers; (2) Plant density at ≥200 live plants/acre; (3) Average height at ≥3 feet and extend 15 feet wide at maturity; (4) Plant protection & irrigation.	(1) 3-5 Geotagged photographs taken at both ends and middle of the hedgerow line. (2) Receipts of plants purchased; (3) Plant species name and number of live plants; (4) Maintain plant growth in the project term.

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Grazing Land	Prescribed Grazing (NRCS CPS 528)	Grazing Management to Improve Rangeland, Irrigated or Non-Irrigated Pasture Condition	Pasture, basic	Ac	\$81.54	3	A grazing management plan by a certified range manager or equivalent professional to enhance pasture or rangeland health & ecosystem function	(1) Follow the grazing management plan, (2) A grazing log records of grazing dates and stubble height after grazing; (3) Monitoring - photos of forage before and after grazing; (4) Sensitive area protection as applicable.	(1) The grazing log; (2) 3-5 geotagged photos monitoring forage, and other documents as applicable; (3) verification at the end of each project year.
			Range, basic	Ac	\$7.10	3			
Grazing Land	Range Planting (NRCS CPS 550)	Seeding forages to improve rangeland condition	Native species broadcast	Ac	\$633.56	1	Plant species (must be mixture of native perennial grasses, legumes, and/or forbs), planting method	(1) Native adapted perennial species; (2) Seeding rate at 18 lb./acre PLS or 40 pure live seeds/sqft.	(1) 3-5 Geotagged photographs of fields showing established range plants (>60% plant coverage); (2) Receipts of seeds purchased; (3) Species, seeding rate; (4) Documentation of planting method (farming log and photos); (5) Maintenance of range plants.
			Native species high forb drilled	Ac	\$552.56	1		(1) Native perennial species; and (2) No-till or range drill seeding at 41-60 pure live seeds/sq ft.	
			Native species low forb drilled	Ac	\$403.60	1		(1) Predominately native adapted perennial species; (2) no-till or range drill seeding at 18 lb./acre PLS or 40 pure live seeds/sqft.	
			Nonnative species broadcast	Ac	\$222.50	1	Plant species (must be mixture of introduced perennial grasses, legumes, and/or forbs), planting method	(1) mixture of nonnative adapted perennial species; (2) Seedbed preparation; (3) Seeding rate at 18 lb./acre PLS or 40 pure live seeds/sqft.	
			Nonnative species drilled	Ac	\$211.82	1		(1) Mixture of nonnative adapted perennial species; (2) No-till or range drill seeding at 41-60 pure live seeds/sq ft.	
			Shrub plugs	Ac	\$4,821.94	1	Shrub species and planting method	(1) Shrub species such as Sage Brush, Bitter Brush, or other species; (2) seedling or transplant; bareroot shrubs at 3-5 feet tall or containerized seedlings ≥20 cubic inches; (3) Planting density at 1000 plants/acre.	

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Grazing Land	Riparian Forest Buffer (NRCS CPS 391)	Replace a Strip of Grassland Near Watercourses or Water Bodies with Woody Plants	Bare-root, hand planted	Ac	\$3,862.26	1	Tree and/or shrub species, Area of practice implementation must be upgradient from and adjacent to a stream	(1) Seedling size: 18-36 inches tall or 10-20 cubic inches container for shrubs and hardwood; 1-year old seedlings or 4-6 cubic inches container for conifer; (2) Plant protection; (3) Plant density ≥35 live plants/acre.	(1) 3-5 Geotagged photographs of the field showing planted trees, (2) Receipts for number and sizes of seedlings/cuttings purchased; (3) Species and number of live trees/shrubs at verification; (4) Tree protection and maintenance.
			Cuttings, Small to Medium Size	Ac	\$4,516.20	1		(1) Cutting size: 0.25-1 inch in diameter and 2-4 feet long; (2) Plant protection; (3) Plant density ≥35 live plants/acre.	
			Cuttings, Medium to Large Size	Ac	\$8,254.12	1		(1) Cutting size: medium (0.25-1 inch in diameter and 2-4 feet long) to large (2-6 inch in diameter and 6 ft long); (2) Plant protection; (3) ≥35 live plants/acre.	
			Small container, hand planted	Ac	\$6,980.70	1		(1) Potted seedling size: 1 quart to 1 gallon; (2) Plant protection; (3) ≥35 live plants/acre.	
			Large container, hand planted	Ac	\$12,925.20	1		(1) Potted seedling size: 2 gallons or larger; (2) Plant protection; (3) ≥35 live plants per acre.	
Grazing Land	Silvopasture (NRCS CPS 381)	Tree/Shrub Planting on Grazed Grasslands	Establish trees, existing grasses	Ac	\$313.50	1	Trees and/or shrubs	(1) Seedling size: containerized conifer at 4-6 cubic inches; or bare root conifer at one year old; (2) Plant density at ≥20 live plants per acre; (2) Tree protection (fence and irrigation, etc.)	(1) 3-5 Geotagged photographs of fields showing planted trees/shrubs; (2) Receipts showing sizes & number of seedlings purchased; (3) Species and number of live trees/shrubs; (5) Tree protection (fence or other protection and irrigation as needed).

Application Phase								Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Unit	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document /Information at Application	Implementation Guidelines	Verification Requirements
Grazing Land	Tree/Shrub Establishment (NRCS CPS 612)	Conversion of Grassland to a Farm Woodlot	Conservation, hand planted	Ac	\$603.00	1	Trees and/or shrubs	(1) Shrub seedlings at 6-18 inches tall or ≤10 cubic inches container; Tree or hardwood seedlings at 18-36 inches tall or 10-20 cubic inches container. (2) Plant growth maintenance. (3) Plant density: ≥150 live trees/acre.	(1) 3-5 Geotagged photographs of fields showing planted trees/shrubs; (2) Receipts of seedlings purchased, species and number of live plants; (3) Tree protection, and irrigation as needed; (4) Tree growth maintenance during the project term.
			Conservation, hand planted, browse protection	Ac	\$1,526.54	1		(1) Shrub seedlings at 6-18 inches tall or ≤10 cubic inches container; Tree or hardwood seedlings at 18-36 inches tall or 10-20 cubic inches container. (2) Plant protection from animal damage and wood stake to fasten plants in place. (3) Growth maintenance. (4) Plant density: ≥150 live trees/acre.	
Grazing Land	Windbreak/ Shelterbelt Establishment (NRCS CPS 380)	Replace a strip of grassland with 1 Row of Woody Plants	1-row, trees, containers, hand planted, with tree protected	Ft	\$1.66	1	Tree and/or shrubs	(1) Container seedlings at 15-20 cubic inches or bare root seedlings at 2-3 years old before transplanting (2) Plant protection and irrigation are required; (3) ≥200 live plants/acre.	(1) 3-5 Geotagged photographs taken at both ends & middle of the tree line. (2) Receipts of seedlings purchased; (3) Species and number of live plants; (4) Tree protection and irrigation; (5) Plant maintenance during the project term.
			1-row, trees and/or shrub, with wind protection fence	Ft	\$2.68	1		(1) Container seedlings at 15-20 cubic inches or bare root seedlings at 2-3 years old before transplanting (2) A wind-protection fence and irrigation are required; (3) ≥200 live plants/acre.	
Any of above	Soil Sampling	N/A	Soil organic matter (SOM) analysis	Per SOM Analysis Result	\$50.00	3	No	(1) Soil sample(s) must be taken from the same field location once prior to practice implementation and one, two, and three years following initial practice implementation; (2) it is recommended they be sent to the same soil analytic laboratory in the grant term; (3) Follow instructions in HSP Soil Sampling Protocol for Soil Organic Matter Analysis when taking soil sample(s).	A soil test report in each project year including soil organic matter content for field(s) where practice implementation is funded. A soil test report at three years following initial practice implementation may occur outside the grant term and the associated expense will be covered by the Grant Recipients.

GLENN COUNTY: HSP Grant

Definitions:

Cropland, Annual or Perennial: Land where the crop(s) grown is identified as annual or perennial crops according to the [Conservation Compliance Agricultural Commodity List](#) under the Food and Security Act of 1985, as amended, or is determined as annual or perennial by the local USDA NRCS if it is not included in the list. Perennial cropland includes orchards and vineyards.

Grazing land: Land used primarily for production of forage plants maintained or manipulated primarily through grazing management.

Grassland: Land where the vegetation is dominated by grasses and other herbaceous (non-woody) plants, such as forbs.

Rangeland: Land on which the potential plant cover is composed principally of native grasses, grass-like plants, forbs, or shrubs suitable for grazing and browsing, and introduced forage species that are managed like rangeland.

Pasture: A land use type having vegetation cover comprised primarily of introduced or enhanced native forage species that is used for livestock grazing. Pasture receives periodic renovation and cultural treatments such as tillage, fertilization, mowing, weed control, and may be irrigated. Pasture vegetation can consist of grasses, legumes, other forbs, shrubs, or a mixture. Pasture differs from range in that it primarily produces vegetation that has initially been planted to provide preferred forage for grazing livestock.

Foregone Income: Reduced revenue that is generated mainly from reduced production because the land area used for growing cash crop(s) will be converted to Permanent Unfertilized Grass Cover or Grass/ Legume Cover. A payment scenario name that includes Foregone Income has higher payment rate because it takes consideration of both the reduced revenue and the expense for implementing the conservation management practice.

Geotagged photograph: A geotagged photograph is a photograph which is associated with a geographic position by assigning a latitude and longitude to the image. For pictures taken with a mobile phone or digital camera, this can be achieved by enabling the GPS function of the device prior to capturing a picture. Geotagging helps CDFA confirm the correct location of practice implementation consistent with Project Design at the time of verification. Please check the link <https://www.cdfa.ca.gov/oefi/healthypoils/docs/InstructionsOnHowToTakeGeotaggedPhotos.pdf> for instructions on how to take and send geotagged photos.

Appendix B: Sample Preview of Grant Application Questions

GLENN COUNTY

When you are ready to submit this step, please click the blue "Save" button at the bottom of the page.

- You can save this form as a draft at any time by clicking "Save Draft" at the bottom of the page.
- When you have completed all required items, please click the "Mark Complete" button at the bottom of the page.

NOTE: When you have completed all required steps, be sure to click "Submit" on the next page.

Eligibility and Exclusions

- California farmers, ranchers and California Native American Tribes are eligible to apply.
- This funding opportunity is specific to those who farm and/or ranch in GLENN COUNTY, California. If the project is NOT located in Glenn County, see CDFA OEFI's website for other funding opportunities: <https://www.cdfa.ca.gov/oeffi/healthysouils/BlockGrantProgram.html>
- Applicant must be at least 18 years old.
- Applicant cannot submit more than one application with a unique user account in the application portal. Glenn County RCD will cross reference tax identification number, mailing address and contact name to ensure that an applicant does not receive multiple awards.

HSP project must be on a California agricultural operation.

- For the purposes of this program, CDFA defines an agricultural operation as row, vineyard, field and tree crops, commercial nurseries, nursery stock production, and greenhouse operations producing food crops or flowers as defined in Food and Agricultural Code section 77911.
- Projects located on grazing lands (including grasslands, rangelands, and pastures, as defined at the bottom of Appendix A) are eligible.
- Grant funds cannot be used for projects that use potted plants and plant growth media other than soil.
- Grant funds cannot be used for research and product development activities.
- The business mailing address must be in California.
- Cannabis cultivation operations are not eligible.

Program Requirements All requirements are listed in detail in the Request for Grant Applications document.

Section 1: Applicant Information

1. Is the primary contact from your profile the same individual who will be the day-to-day contact and/or project manager?
Y/N

Reminder: The Primary Contact, entered in your Profile, is the person who will sign the grant agreement if the project is selected for funding. A different person CAN NOT be assigned after the application is submitted.

1a. First & last name of alternative contact

1b. Role of alternative contact (i.e. farm manager, consultant, etc)

1c. Mailing address, City, State & Zip Code of alternative contact

1d. Phone number of alternative contact

1e. Email address of alternative contact

Section 2: Previously Funded Projects

• Previous HSP Grant Recipients are not eligible to receive funds for implementing the same practice on the same field funded previously. However, a new landowner or lessee is eligible to implement the same practice on the same field previously funded.

2. Has this agricultural operation previously received CDFA Healthy Soils Program funds? Y/N

2a. Provide the Healthy Soils Agreement Number(s) and corresponding Assessor's Parcel Number(s) of where each of the project(s) were implemented. Briefly describe the practices implemented and # of acres impacted.

Section 3: Project Design

To complete the project design, all applicants must go to the RePlan Tool website <https://replan-tool.org/cdfa/>. When at the main RePlan page, select the "Incentives Program" under Grant Program dropdown menu. Please be aware that the total Estimated GHG reductions (Metric Tons CO2 equivalent per year) should be greater than zero to be eligible for funding. Download both the PDF and Excel RePlan files onto your local computer when the project design is complete and upload the files into this application using the "Upload the Project Design" boxes below.

3. RePlan Tracking # (from column A)

4. RePlan URL (top-right corner of tool, click on "Save URL for Future Use"; copy/paste here))

5. Project Title

Provide a concise description of the project in 15 words or less

6. Project Description

At a minimum, summarize project justification, goals, and outcomes.

7. Provide cropping history for the last year for all fields included in the project (RePlan Excel report, column G).

Example: Field 1 – corn; Field 2 – alfalfa; Field 3 - almonds

8. Provide management practice history for the last year for all fields included in the project.

Management history here specifically refers to activities related to soil health, including but not limited to soil amendments (e.g.. compost application), tillage, nutrient management, cover crop, mulching, and woody or herbaceous plantings.

9. Provide proposed plan of crops of all fields included in the project during the next three years (RePlan Excel report, column H)..

Do not include cover crop, herbaceous or woody plantings here.

10. Practice Implementation Acres (Replan Report, column M total)

Enter the amount of acreage that HSP practices will be implemented on. Count the acreage only once if multiple practices overlap on the same acreage.

11. Acres of pollinator habitat planted within this proposed HSP project (Replan Report, column O total)

12. Total acres farmed by applicant

13. Enter the total GHG reduction (metric tons of CO2 equivalent - MT CO2eq/yr) (RePlan Excel report column X total)

14. Upload the PDF RePlan Project Design

File should be named as follows: "Application ID #_RePlan Tracking #_RePlan" The application ID # is found at the top of the application. It is eight digits and starts with a 6.

15. Upload the Excel RePlan Project Report

File should be named as follows: "Application ID #_RePlan Tracking #_RePlan" The application ID # is found at the top of the application. It is eight digits and starts with a 6.

Section 4: Practices

HSP Agricultural System(s) and Management Practice(s)

The Healthy Soils Program incentivizes two types of practices based on implementation timelines:

1. Annually implemented practices: Grant Recipients must implement these once in each project year and a total of three times during the grant term (e.g., Compost Application and Cover Crop.) CDFR may not reimburse Grant Recipients who do not implement them once in each project year.
2. One-time implemented practices: These practices are implemented only once in the grant term, but Grant Recipients must maintain them for the project lifespan (e.g., Hedgerow Planting and Conservation Cover).

16. Choose the applicable agricultural system for your project: Cropland, Orchard/Vineyard, Grazing Land

16a. Choose cropland practice(s) that will be implemented in your project.

- Alley Cropping (CPS 311)
- Compost Application (Interim CPS 808*)
- Conservation Cover (CPS 327)
- Conservation Crop Rotation (CPS 328)
- Contour Buffer Strips (CPS 332)
- Cover Crop (CPS 340)
- Field Border (CPS 386)
- Filter Strip (CPS 393)
- Forage and Biomass Planting (CPS 512)
- Grassed Waterway (CPS 412)
- Hedgerow Planting (CPS 422)
- Herbaceous Wind Barriers (CPS 603)
- Mulching (CPS 484)
- Multi-story Cropping (CPS 379)
- Nutrient Management (CPS 590)
- Residue and Tillage Management - No-Till (CPS 329)
- Residue and Tillage Management - Reduced Till (CPS 345)
- Riparian Forest Buffer (CPS 391)
- Riparian Herbaceous Cover (CPS 390)
- Stripcropping (CPS 585)
- Tree/Shrub Establishment (CPS 612)
- Vegetative Barriers (CPS 601)
- Windbreak/Shelterbelt Establishment (CPS 380)

16b. Choose orchard/vineyard practice(s) that will be implemented in your project.

- Compost Application (Interim CPS 808*)
- Conservation Cover (CPS 327)
- Cover Crop (CPS 340)
- Filter Strip (CPS 393)
- Hedgerow Planting (CPS 422)
- Mulching (CPS 484)
- Nutrient Management (CPS 590)
- Residue and Tillage Management - No-Till (CPS 329)
- Residue and Tillage Management - Reduced Till (CPS 345)
- Whole Orchard Recycling (Interim CPS 808*)
- Windbreak/Shelterbelt Establishment (CPS 380)

16c. Choose grazing land practice(s) that will be implemented in your project.

- Compost Application (Interim CPS 808*)
- Hedgerow Planting (CPS 422)
- Prescribed Grazing (CPS 528)
- Range Planting (CPS 550)
- Riparian Forest Buffer (CPS 391)
- Silvopasture (CPS 381)
- Tree/Shrub Establishment (CPS 612)
- Windbreak/Shelterbelt Establishment (CPS 380)

**CPS 808 has been replaced by CPS 336, by the Natural Resources Conservation Service. The RePlan tool will still show CPS 808 for these practices.*

17. Enter the total number of practices implemented as part of the project.

Include all HSP practices from all applicable agricultural systems. For example, if the same practice is implemented on two agricultural systems (e.g., cropland and grazing land) as part of the same project, it should be counted as 2 separate practices.

Section 5: Project Location Information

Project Site Information

18. Address or Nearest Cross Streets of Project Location

19. What county is the Project located in? (Note: this grant funding opportunity is specific to Projects in Glenn County only. Projects outside of Glenn County are not applicable.)

20. How many APNs will be included in the proposed project?

Enter the number of APNs that will be included in the proposed project

21. List all APNs included in the proposed project. Use comma separator while entering multiple APNs.

Parcel numbers should be entered in the same format that they appear on the RePlan Excel report, column J. Copy/Paste the 'total' cell here.

22. Are there any issues related to APN-mismatch in the RePlan tool that is relevant to this project? (E.g. the parcel boundary lines don't align to the field boundary, etc)

Section 6: Budget

In the fields below enter information about the proposed project budget. The maximum grant request is \$200,000. Matching funds are encouraged, but not required. The summary entered here should reflect what is in the RePlan report.

23. Grant Request \$ (RePlan Excel column T total)

24. Portion of grant budget for soil sampling (RePlan Excel column W total)

This should NOT include soil sampling costs outside the grant term.

Grant Recipients must agree to post-project completion requirements which require them to take soil samples and provide a soil organic matter analysis report after the third year of initial implementation. This soil analysis will occur outside the grant term and therefore should be covered by the Grant Recipient's funds as a cost share.

Please review page 22 of the Request for Grant Applications ([insert link here](#)) for additional detailed Soil Organic Matter Reporting Requirements.

25. Matching Funds \$

26. Total Project \$ (Grant Request \$ + Matching Funds \$)

Section 7: Other

Applicant must submit a letter of commitment per Glenn County RCD and CDFA requirements. Letter template may be found here: <https://www.glenncountyrcd.org/files/XXXXX>

27. Letter of Commitment - UPLOAD

Applicant must submit a landowner permission letter if applicant is a lessee and does not own the APN(s). Letter template may be found here: <https://www.glenncountyrcd.org/files/xxxx>

28. Is the applicant the landowner or the lessee? Y/N

28a. Landowner Permission Letter - UPLOAD

Grazing Management Plan: Applications for prescribed grazing projects must include a Grazing Management Plan prepared by a professional Certified Rangeland Manager and meet all criteria listed in Prescribed Grazing Practice Standards (USDA NRCS CPS 528).

29. Upload Grazing Management Plan

Conservation Plan: Although optional, applications that include a qualified conservation plan will receive up to 5 points towards their total score. A conservation plan is a plan of broad environmental/ecological impacts and solutions for the whole farm and is prepared by an NRCS specialist, an NRCS-trained individual or entity, a certified Crop Advisor, a certified Professional Soil Scientist, or a certified Professional Agronomist. Conservation Plan must, at a minimum, include all of the

following: - An aerial photo or diagram of project fields. - A list of current management decisions. -The location of and schedule for applying new conservation practices. - A Resource Assessment. This includes an inventory of resources and resource concerns, soils information, topographic maps, plan maps showing location of property, existing practices, structures, planned practices, soils, water features and other environmentally sensitive areas, and environmental assessment. - Information explaining how specific management decisions will be implemented. - A plan for operation and maintenance of selected management practices.

30. Will you be providing a Conservation Plan as part of the application?

5 points are available on the scoring rubric if the applicant has taken soil-health based training within the previous 24 months.

31. Has the applicant has taken soil-health based training within the previous 24 months?

31a. Upload - proof of soil-health based training completion (valid if completed in the last 24 months)

Soil Grade – CA Storie Index: Glenn County RCD and the Glenn County Climate Smart Ag Committee encourage projects that prioritize HSP practices to be implemented in lesser quality soils. To determine your project location’s Soil Grade Number, use <https://casoilresource.lawr.ucdavis.edu/gmap/>. The Soil Grade Number should represent the majority soil type for your project site.

32. Enter the Soil Grade – CA Storie Index that represents the majority of the soil type for your project site:

Section 8: Technical Assistance

33. Did the applicant receive any technical assistance in completing the application?

33a. Check the boxes for all technical assistance that was provided

- Non-Profit
- University of California - Cooperative Extension
- Resource Conservation District (RCD)
- Workshop
- Vendor
- Other Private Consultant

33b. What is the name of the individual that provided the majority of the assistance?

33c. Technical Assistance Provider's Phone Number

33d. Technical Assistance Provider's Email Address

Section 9: Project Duration, Acknowledgement and Commitment

34. If awarded a HEALTHY SOILS grant by Glenn County RCD, applicant agrees to commit to implementing the project per Grant Agreement once executed. Should modifications be needed, applicant will communicate to Glenn County RCD PRIOR to implementation of any modifications.

35. The maximum grant duration for a proposed project is 3 years. Grant funds cannot be expended before the grant agreement has been fully executed and the project has been assigned a start date. Does the applicant acknowledge that the project will be completed within the grant term?

36. Grant Recipients must maintain implementation of practices incentivized through this program throughout the term of the grant agreement. However, most benefits from implementation of practices accrue over the long term, and Grant Recipients are encouraged to continue and/or expand these practices on their operations to achieve long-term benefits. Grant Recipients must agree to post-project completion requirements which require them to take soil samples and provide a soil organic matter analysis report after the third year of initial implementation. This soil analysis will occur outside the grant term and therefore should be covered by the Grant Recipient's funds as a cost share. Additionally, Grant Recipients must maintain documentation related to their HSP-funded projects for three (3) years after completion of the project. Do you agree to these terms?

37. The State of California has the right to review project documents and conduct audits during the project life. Glenn County RCD, or its designated representative, may contact a subset of awarded projects to collect data including, but not limited to, eligible agricultural management practice implementation and GHG emissions reduction estimates, for three (3) years after project completion. Do you agree to these terms?

38. Would you be willing to have your project highlighted/showcased on Glenn County RCD's/CDFA's website or other outreach materials? Glenn County RCD would first notify you and seek additional consent before showcasing any individual project.

39. Glenn County RCD will limit applicants to submitting one application to this solicitation. Does the applicant acknowledge that they have applied only once?

I hereby certify that the information is true, accurate and correct to the best of my knowledge.

Submitted Date