

## 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 $\geq 2$ gal; (2) Plant density at $\geq 40$ 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 $\leq 11$ ) 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 ( <a href="https://www.law.cornell.edu/regulations/california/14-CCR-17852">https://www.law.cornell.edu/regulations/california/14-CCR-17852</a> ).	(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 $\leq 11$ ) 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	
			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 ( <a href="https://www.law.cornell.edu/regulations/california/14-CCR-17852">https://www.law.cornell.edu/regulations/california/14-CCR-17852</a> ).	(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 ¼ -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				
			Plug Planting	Ac	\$30,420.90	1				(1) Native aquatic plants plug-planted; (2) Plant density at 19,360 plants/acre (3) Plant maintenance.
			Combination Broadcast Seeding and Plug Planting	Ac	\$15,571.50	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.
			Pollinator Cover	Ac	\$2,474.26	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.

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, handplanted, 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 ( <a href="https://www.law.cornell.edu/regulations/california/14-CCR-17852">https://www.law.cornell.edu/regulations/california/14-CCR-17852</a> ).	(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 ( <a href="https://www.law.cornell.edu/regulations/california/14-CCR-17852">https://www.law.cornell.edu/regulations/california/14-CCR-17852</a> ).	(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			

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	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.	(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.

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 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) 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, handplanted, 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 <a href="#">CalRecycle SWIS Facility/Site</a> .
			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 ( <a href="https://www.law.cornell.edu/regulations/california/14-CCR-17852">https://www.law.cornell.edu/regulations/california/14-CCR-17852</a> ).	
			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 <a href="#">HSP Soil Sampling Protocol for Soil Organic Matter Analysis</a> 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.

**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/healthysoils/docs/InstructionsOnHowToTakeGeotaggedPhotos.pdf> for instructions on how to take and send geotagged photos.