

APPENDIX A

2021 HSP Incentives Program: Payment Rates, Requirements, and Implementation Guidelines

Application Phase							Implementation Phase	
Agricultural System	HSP Practice	Practice Implementation	Payment Scenario	Payment Rate (\$/Unit)	Number of Years to be Paid	Required Document or Information at Submission of Application	Implementation Guidelines	Verification Requirements
Cropland	Alley Cropping (NRCS CPS 311)	Replace 20% of Annual Cropland with Woody Plants	Tree-planting, single row	\$2,107.20 /Ac	1	Species and number of trees	(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 (CDFA)	Compost (C:N ≤ 11) application to annual crops	On-farm produced compost	\$50.00/ton	3	Compost C:N ratio, Application Rate, Acres to Be Implemented	(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://govt.westlaw.com/calregs/Document/I2735C56A57C94FB0BB2C821C37CA68B5?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default)).	(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; (5) Verification when compost is spread.

		Compost (C:N > 11) application to annual crops					(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://govt.westlaw.com/calregs/Document/I2735C56A57C94FB0BB2C821C37CA68B5?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default)).	
Cropland	Compost Application (CDFA)	Compost (C:N ≤ 11) application to annual crops	Purchased from a Certified Composting Facility	\$50.00/ton	3		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 CalRecycle SWIS Facility/Site ; (5) Verification when compost is spread.
		Compost (C:N > 11) application to annual crops					Application rate must be between 6-8 tons/acre	
Cropland	Conservation Cover (NRCS CPS 327)	Convert Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass Cover or Grass/ Legume cover	Introduced species	\$273.78/Ac	1	(1) Introduced perennial or selected using CalFlora, (2) seeding rate & planting method	(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	\$458.16/Ac			(1) Seeding rate at 41-60 pure live seeds per sqft; (2) Plant protection from animal damage and growth maintenance.	

Cropland	Conservation Cover (NRCS CPS 327)	Convert Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass Cover or Grass/ Legume cover	Native species	\$305.60/Ac	1	(1) Mix of native perennials, (2) seeding rate & planting method	(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	\$567.56/Ac				
Cropland	Conservation Cover (NRCS CPS 327)	Convert Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass Cover or Grass/ Legume cover	Monarch species – mix species	\$1,370.78 /Ac	1	(1) Mix of native perennial grass & forbs for wildlife, pollinators, or ecosystem restoration; (2) Seeding rate & planting method	(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.	
			Monarch species – mix species with foregone income	\$1,383.20 /Ac				
Cropland	Conservation Cover (NRCS CPS 327)	Convert Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass Cover or Grass/ Legume cover	Pollinator species	\$1,095.52 /Ac	1	(1) Mix of native perennial grasses, legumes, and forbs to provide habitat for pollinators; (2) Seeding rate & planting method	(1) Mixed native species with less than 50% grasses; (2) Seeding rate at 21-40 pure live seeds per sqft; (2) Plant protection from animal damage and good 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.
			Pollinator species with foregone income	\$1,088.74 /Ac	1			
Cropland	Conservation Crop Rotation (NRCS CPS 328)	Decrease Fallow Frequency or Add Perennial Crop to Rotations	Basic rotation	\$20.48/Ac	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	\$54.64/Ac				

Cropland	Contour Buffer Strips (NRCS CPS 332)	Convert Strips of Irrigated Cropland to Permanent Unfertilized Grass Cover or Unfertilized Grass/Legume Cover	Introduced species, foregone income	\$434.16/Ac	1	(1) A design schematic; (2) Perennial species; (3) seeding rate and planting method.	(1) Width of strips: ≥15 feet wide if ≥50% grass species OR ≥30 feet wide when legume/forbs are used alone, or ≥50% legumes; (2) Seeding rate at 41-60 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.
			Native species, foregone income	\$464.02/Ac	1	(1) A design schematic; (2) Native perennial species; (3) seeding rate, planting method	(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.	
Cropland	Contour Buffer Strips (NRCS CPS 332)	Convert Strips of Irrigated Cropland to Permanent Unfertilized Grass Cover or Unfertilized Grass/Legume Cover	Wildlife Pollinator, foregone income	\$464.02/Ac	1	(1) A design schematic; (2) at least 3 pollinator friendly native perennial species; (3) Seeding rate, planting method	(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 in the project term.
Cropland	Cover Crop (NRCS CPS 340)	Add Non-Legume Seasonal Cover Crop to Irrigated or Non-Irrigated Cropland	One species	\$102.98/Ac	3	(1) APN/field and acres; (2) cover crop species; (3) Seeding rates; (4) Planting date and method; (5) Termination date and method	(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	\$126.04/Ac				

Cropland	Field Border (NRCS CPS 386)	Convert Strips of Irrigated Cropland to Permanent Unfertilized Grass Cover or Permanent Unfertilized Grass/Legume Cover	Introduced species	\$164.84/Ac	1	Introduced perennial species, seeding rate, planting method	(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	\$245.08/Ac	1	Native perennial species; seeding rate; planting method	(1) Seeding rate at 21-40 pure live seeds per sqft; (2) Maintain good plant growth during the project term.	
Cropland	Field Border (NRCS CPS 386)	Convert Strips of Irrigated Cropland to Permanent Unfertilized Grass Cover or Permanent Unfertilized Grass/Legume Cover	Pollinator Species	\$766.26/Ac	1	Diverse mix of native perennial grasses, legumes and forbs that are pollinator friendly; seeding rate; planting method	(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.	(1) 3-5 Geotagged photographs of fields showing established field border (>60% plant coverage); (2) Receipts of seeds purchased; (3) Plant species name and seeding rate; (4) Good plant growth during the project term.
Cropland	Filter Strip (NRCS CPS 393)	Convert Strips of Irrigated Cropland to Permanent Unfertilized Grass Cover or Grass/ Legume Cover	Native species	\$363.56/Ac	1	(1) Filter strip design map; (2) Perennial plant species names; (3) Seeding rate and planting method	(1) Native perennial species; (2) Seeding rate at 41-60 pure live seeds per sqft; (3) Maintain good plant growth during 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.
			Introduced species	\$272.24/Ac	1		(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.	
Cropland	Forage and Biomass Planting (NRCS CPS 512)	Conversion of Annual Cropland to Irrigated or Non-Irrigated Grass/Legume Forage/Biomass Crops	Nonnative, high seeding rate with lime	\$475.02/Ac	1	Plant species, seeding rate, planting method, and irrigation availability	(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	\$334.28/Ac				
			Nonnative, standard seeding rate with	\$257.78/Ac				

			fertilizer				pure live seeds per sqft; (3) Fertilizer application if applicable.	
			Nonnative, standard seeding rate without fertilizer	\$131.28/Ac				
Cropland	Grassed Waterway (NRCS CPS 412)	Convert Strips of Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume Cover	Base Waterway	\$2,399.04 /Ac	1	For area where peak runoff is expected, and erosion control is needed. A design schematic, plant species and planting method.	(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) Maintain plant growth.	(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.
Cropland	Grassed Waterway (NRCS CPS 412)	Convert Strips of Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume Cover	Base waterway with checks	\$3,717.92 /Ac	1	For area where peak runoff is expected, and erosion control is needed. A design schematic, plant species and planting method.	(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.	(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 and function of grassed waterway during the project term.
Cropland	Hedgerow Planting (NRCS CPS 422)	Replace a Strip of Cropland with 1 Row of Woody Plants	Single Row	\$10.32/Ft	1	Length to plant, Plant species and number of each 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) (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	\$0.14/Ft	1	cool season perennial plant species, seeding rate and planting method	(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 photos taken at both ends & middle of the established barriers (>60% plant cover). (2) Receipts of seeds purchased; (3) Species name and seeding rate; (4) Maintain plant growth in the project term.
Cropland	Mulching (NRCS CPS 484)	Add Mulch to Croplands	Natural Materials	\$358.32/Ac	3	Cropland condition where mulch to be implemented, mulch materials and source	(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 the 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.
Cropland	Mulching (NRCS CPS 484)	Add Mulch to Croplands	Wood Chips	\$2,518.86 /Ac	3	Cropland condition where mulch to be implemented, mulch materials and source	(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 (NRCS CPS 379)	Replace 20% of Annual Cropland with woody plants	Native Tree or shrub planting	\$321.60/Ac	1	Plant species and number of each 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) Tree maintenance in the project

								term.
Cropland	Multistory Cropping (NRCS CPS 379)	Replace 20% of Annual Cropland with woody plants	Non-native tree or shrubs planting	\$375.20/Ac	1	Plant species and number of each 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.	(1) 3-5 Geotagged photographs of fields showing planted trees, (2) Receipts of seedlings purchased; (3) Species and number of live plants; (4) Tree maintenance in the project term.
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	\$15.06/Ac	3	For cropland where synthetic nutrient fertilizers have been applied annually. Nitrogen application rate and associated crop(s) in the past 3 years.	(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) 3-5 Geotagged photographs showing the crop and fertilization event(s), (2) Receipts of nitrogen fertilizers purchased, (3) 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, (4) Verification is at the end of the project year or crop year as applicable.
Cropland	Residue and Tillage Management, No-Till (NRCS CPS 329)	Convert Tillage to No Till in on Irrigated or Non-irrigated Cropland	No-Till or Strip-Till	\$31.72/Ac	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	\$28.18/Ac	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 Cropland	Riparian Forest Buffer (NRCS CPS 391)	Replace a Strip of Cropland Near Watercourses or Water Bodies with Woody Plants	Bare-root, hand planted	\$2,999.08 /Ac	1	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	\$3,315.18 /Ac	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	\$7,290.46 /Ac	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.	
Cropland Cropland	Riparian Forest Buffer (NRCS CPS 391)	Replace a Strip of Cropland Near Watercourses or Water Bodies with Woody Plants	Small container, hand planted	\$5,941.60 /Ac	1	Area of practice implementation must be upgradient from and adjacent to a stream	(1) Potted seedling size: 1 quart to 1 gallon; (2) Plant protection; (3) ≥35 live plants/acre.	(1) 3-5 Geotagged photographs of fields showing live plants, (2) Receipts for sizes of seedlings/cuttings purchased; (3) Species and number of live trees/shrubs; (4) Tree protection and maintenance.
			Large container, hand planted	\$12,168.34 /Ac	1		(1) Potted seedling size: 2 gallons or larger; (2) Plant protection; (3) ≥35 live plants per acre.	
Cropland	Riparian Herbaceous Cover (NRCS	Convert Irrigated or Non-Irrigated	Broadcast Seeding	\$1,346.18 /Ac	1	Area of practice implementation must be	(1) Native perennial grasses, legumes and forbs with ≤50% grasses; (2) Broadcast planting	(1) 3-5 Geotagged photographs showing established riparian cover

	CPS 390)	Cropland to Permanent Unfertilized Grass or Grass/legume Cover Near Aquatic Habitats	Broadcast Seeding with Foregone Income	\$2,605.28 /Ac		upgradient from and adjacent to a stream	and/or no-till drill seeded at rate of 41-60 pure live seeds/sq ft; (3) Plant maintenance in the project term.	(>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.
			Plug Planting	\$30,544.36 /Ac	1.00		(1) Native aquatic plants plug-planted; (2) Plant density at 19,360 plants per acre (3) Plant maintenance in the project term.	
Cropland	Riparian Herbaceous Cover (NRCS CPS 390)	Convert Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass or Grass/legume Cover Near Aquatic Habitats	Combination Broadcast Seeding and Plug Planting	\$15,602.28 /Ac	1.00	Area of practice implementation must be upgradient from and adjacent to a stream	(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 rate of 41-60 pure live seeds/sq ft; (3) Plant maintenance in the project term.	(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.
			Pollinator Cover	\$2,350.50 /Ac	1.00	Area of practice implementation must be upgradient from and adjacent to a stream	(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 in the project term.	
Cropland	Strip Cropping (NRCS CPS 585)	Add Perennial Cover Grown in Strips with Irrigated or Non-Irrigated Annual Crops	Wind and water erosion control	\$2.94/Ac	1	Strip design: diagram on the APN where strips are located, number of strips, width & length of each strip. Plant species, seeding rate and method.	(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, browse protection	\$1,024.42 /Ac	1	Plant species and number of each species	(1) Bareroot shrub seedlings at 6-18 inches tall or hardwood seedlings at 18-36 inches tall. (2) Plant protection and 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.
Cropland	Vegetative Barrier (NRCS CPS 601)	Convert Strips of Irrigated or Non-Irrigated Cropland to Permanent Unfertilized Grass or Grass/Legume Cover	Vegetative Planting	\$1.58/Ft	1	Location: where sheet or rill erosion is of concern. Plant species: must meet stiffness index and is tolerant to soil erosion, seeding rate and method	(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.
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	\$1.30/Ft	1	Length to plant, Plant species and number of each species	(1) Containerized 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 in the project term.
Cropland	Windbreak/ Shelterbelt Establishment (NRCS CPS 380)	Replace a Strip of Cropland with 1 Row of Woody Plants	1-row, trees or shrub, with wind protection fence	\$2.40/Ft	1	Length to plant, Plant species and number of each species	(1) Containerized 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.	(1) 3-5 Geotagged photographs showing compost piles, compost being spread and field ground right after compost is completely
Orchard or Vineyard	Compost Application (CDFA)	Compost (C:N ≤ 11) application to orchards or vineyard	Purchased from a Certified Composting Facility	\$50.00/ton	3	Compost C:N ratio, Application Rate, Acres to Be Implemented	Application rate must be between 2-4 tons/acres	(1) 3-5 Geotagged photographs showing compost piles, compost being spread and field ground right after compost is completely

		Compost (C:N > 11) application to orchards or vineyard					Application rate must be between 6-8 tons/acres	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 ; (5) Verification when compost is spread.
Orchard or Vineyard	Compost Application (CDFA)	Compost (C:N ≤ 11) application to orchards or vineyard	On-farm produced compost	\$50.00/ton	3	Compost C:N ratio, Application Rate, Acres to Be Implemented	(1) Application rate must be between 2-4 tons/acres; (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://govt.westlaw.com/calregs/Document/I2735C56A57C94FB0BB2C821C37CA68B5?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default)).	(1) 3-5 Geotagged photographs showing compost piles, compost being spread and ground right after compost is applied, (2) A composting log including materials, method and temperatures during composting process; (3) Estimated total tonnage of compost applied; (4) Compost analysis report on C:N ratio; (5) Verification is when compost is spread.
		Compost (C:N > 11) application to orchards or vineyard					(1) Application rate must be between 6-8 tons/Acres;(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://govt.westlaw.com/calregs/Document/I2735C56A57C94FB0BB2C821C37CA68B5?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default)).	

							†=documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default).	
Orchard or Vineyard	Conservation Cover (NRCS CPS 327)	Convert Idle Land near Orchard/Vineyard to Permanent Unfertilized Grass Cover or Grass/Legume cover	Introduced species	\$273.78/Ac	1	(1) Introduced perennial or selected using CalFlora, (2) seeding rate & planting method	(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	\$458.16/Ac			(1) Seeding rate at 41-60 pure live seeds per sqft; (2) Plant protection from animal damage and growth maintenance.	
Orchard or Vineyard	Conservation Cover (NRCS CPS 327)	Convert Idle Land near Orchard/Vineyard to Permanent Unfertilized Grass Cover or Grass/Legume cover	Native species	\$305.60/Ac	1	(1) Mix of native perennial, (2) seeding rate & planting method	(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.
			Native species with foregone income	\$567.56/Ac				
			Monarch species – mix species	\$1,370.78 /Ac	1	(1) Mix of native perennial grass and forbs for wildlife, pollinators or ecosystem restoration (2) seeding rate & planting method.	(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.	
			Monarch species – mix species with foregone income	\$1,383.20 /Ac				
Orchard or Vineyard	Conservation Cover (NRCS CPS 327)	Convert Idle Land near Orchard/Vineyard to Permanent Unfertilized Grass Cover or Grass/Legume cover	Pollinator species	\$1,095.52 /Ac	1	(1) Mix of native perennial grasses, legumes, and forbs to provide habitat for pollinators, (2) seeding rate & planting method	(1) Mixed species with less than 50% grasses; (2) Seeding rate at 21-40 pure live seeds per sqft; (2) Plant protection from animal damage and good 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.
			Pollinator species with foregone income	\$1,088.74 /Ac				

Orchard or Vineyard	Conservation Cover (NRCS CPS 327)	Plant Permanent Grass Cover or Grass /Legume Cover in Orchard/Vineyard Alleys	Orchard or Vineyard Alleyways	\$185.58/Ac	1	Perennial species, seeding rate and planting and maintenance methods	(1) Inoculate legumes at planting time if legume species is used, and (2) Maintain permanent vegetation	(1) 3-5 Geotagged photographs of fields showing established alley plants (>60% plant coverage), (2) Receipts of seeds purchased, species names and seeding rate; (3) method of alley plants maintenance.
Orchard or Vineyard	Cover Crop (NRCS CPS 340)	Add Legume /Legume Mix or Non-Legume Cover Crop to Orchard/Vineyard Alleys	One species	\$102.98/Ac	3	(1) APN/field and acres; (2) cover crop species; (3) Seeding rates; (4) Planting date and method; (5) Termination date and method	(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 of fields showing established cover crops (≥60% coverage), (2) Receipts of cover crop seeds purchased, (3) Cover crop species name and seeding rate.
			Multiple species	\$126.04/Ac				
Orchard or Vineyard	Filter Strip (NRCS CPS 393)	Convert Idle Land Near Orchard/Vineyard to Permanent Unfertilized Grass Cover or Grass /Legume Cover	Native species	\$363.56/Ac	1	Filter strip design map, plant species, seeding rate, and planting method	(1) Native perennial species; (2) Seeding rate at 41-60 pure live seeds per sqft; (3) Maintain plant growth in project term.	(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.
			Introduced species	\$272.24/Ac	1		(1) Introduced perennial species; (2) Seeding rate at ≥60 pure live seeds per sqft; (3) Maintain plant growth in the project term.	
Orchard or Vineyard	Hedgerow Planting (NRCS CPS 422)	Plant 1 Row of Woody Plants on Border of Orchard/Vineyard	Single Row	\$10.32/Ft	1	Length to plant, Plant species and number of each 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	\$358.32/Ac	3	Orchard/Vineyards where mulch to be implemented, mulch materials and source	(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 the 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.
		Add Mulch to Orchard or Vineyard	Wood Chips	\$2,518.86 /Ac	3		(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 at ≥40 cubic yards/acre or ≥10 tons/acre.	
Orchard or Vineyard	Nutrient Management (NRCS CPS 590)	Improved N Fertilizer Management on Orchard/Vineyard - Reduce Fertilizer Application Rate by 15%	Basic nutrient management	\$15.06/Ac	3	Nitrogen application rate and associated crop(s) in the past 3 years.	(1) A nutrient management budget/plan will be developed for each field/crop based on soil test analysis and University of California recommendation rates. (2) A farming log records all fertilization activities (fertilizer name, nitrogen content, application rate and date) for each crop or project year.	(1) 3-5 Geotagged photographs showing the crop and fertilization event(s), (2) Receipts of nitrogen fertilizers purchased, (3) 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; (4) Verification is at the end of the project year or crop year as applicable.
Orchard or Vineyard	Residue and Tillage Management	Convert Tillage to No Till in Orchard/Vineyard	No-Till or Strip-Till	\$31.72/Ac	3	Tillage implemented prior to	(1) No tillage; (2) all planting methods are no-fill drill or broadcast if applicable. (3)	(1) 3-5 Geotagged photos showing field operations, field floor and overview of

	No-Till (NRCS CPS 329)	ard Alleys				application deadline	Residues are kept on soil surface and not burned or removed; (4) A farming log recording all field activities.	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	\$28.18/Ac	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 (CDFA)	Whole Orchard Recycling Followed by Orchard Replant within 3 years	Whole Orchard Recycling Followed by Orchard Replant within 3 years	\$861.42/Ac	1	Age of recycled trees, time to be chipped and incorporated, time of new trees to be planted, acres to be implemented	(1) An operation log recording the whole process; (2) Chips must be incorporated into soil to at least 6 inches deep	(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.
Orchard/ 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	\$ 1.30/Ft	1	Length to plant, Plant species and number of each species	(1) Containered 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 or shrubs, with wind protection fence	\$2.40/Ft			(1) Containered 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 to Grassland (CDFA)	Compost (C:N > 11) Application to Grazed Grassland, Grazed, Irrigated Pasture	Compost purchased from a certified composting facility	\$50.00/ton	3	Compost C:N ratio, Application Rate, Acres to Be Implemented	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 ; (5) Verification when compost is spread.
			On-farm produced compost	\$50.00/ton	3	Compost C:N ratio, Application Rate, Acres to Be Implemented	(1) Application rate must be between 6-8 tons/Acres; (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://govt.westlaw.com/calregs/Document/I2735C56A57C94FB0BB2C821C37CA68B5?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default)).	(1) 3-5 Geotagged photographs showing compost piles, compost being spread and compost on the field floor; (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; (5) Verification when compost is spread.
Grazing Land	Hedgerow Planting (NRCS CPS 422)	Replace a Strip of Grassland with 1 Row of Woody Plants	Single Row	\$10.32/Ft	1	Length to plant, Plant species and number of each 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.

Grazing Land	Prescribed Grazing (NRCS CPS 528)	Grazing Management to Improve Irrigated Pasture Condition or Rangeland or Non-Irrigated Pasture Condition	Pasture, basic	\$23.34/Ac	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	\$5.26/Ac				
Grazing Land	Range Planting (NRCS CPS 550)	Seeding forages to improve rangeland condition	Native species broadcast	\$577.74/Ac	1	Plant species (must be mixture of native perennial grasses, legumes, and/or forbs), seeding/planting rate, 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	\$511.26/Ac			(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	\$358.36/Ac			(1) Predominately native adapted perennial species; (2) no-till or range drill seeding at 18 lb/acre PLS or 40 pure live seeds/sqft.	
Grazing Land	Range Planting (NRCS CPS 550)	Seeding forages to improve rangeland condition	Nonnative species broadcast	\$173.60/Ac	1.00	Plant species (must be mixture of Introduced perennial grasses, legumes, and/or forbs), seeding/planting rate, planting method	(1) mixture of non-native adapted perennial species; (2) Seedbed preparation; (3) 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.
			Nonnative species drilled	\$164.12/Ac			(1) Mixture of non-native adapted perennial species; (2) No-till or range drill seeding at 41-60 pure live seeds/sq ft.	

			Shrub plugs	\$4,105.36 /Ac		Shrub species, planting density (at least 1000 plants/ac) and 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.	
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	\$2,999.08 /Ac	1	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 per 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) proof of planting method; (5) Tree protection (fence or other protection, and irrigation as needed) and maintenance.
			Cuttings, Small to Medium Size	\$3,315.18 /Ac			(1) Cutting size: 1/4 to 1 inch in diameter and 24-48 inches long; (2) Plant protection; (c) ≥35 live plants per acre. (3) For cuttings, medium to large size:	
			Cuttings, Medium to Large Size	\$7,290.46 /Ac			(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	\$5,941.60 /Ac			(1) Potted seedling size: 1 quart to 1 gallon; (2) Plant protection; (3) Plant Density ≥35 live plants per acre.	

			Large container, hand planted	\$12,168.34 /Ac			(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	\$213.02/Ac	1	Plant species and number	(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).
Grazing Land	Tree/Shrub Establishment (NRCS CPS 612)	Conversion of Grassland to a Farm Woodlot	Conservation, hand planted, browse protection	\$ 1,024.42 /Ac	1	Plant species and number of each species	(1) Bareroot shrub seedlings at 6-18 inches tall or hardwood seedlings at 18-36 inches tall. (2) Plant protection and 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.
Grazing Land	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	\$ 1.30/Ft	1	Length to plant, Plant species and number of each species	(1) Containered 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

			1-row, trees or shrub, with wind protection fence	\$2.40/Ft			(1) Containered 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.	irrigation; (5) Plant maintenance during the project term.
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Definitions:

Cropland, Annual or Perennial: Land where the crop(s) grown is identified as annual or perennial crop according to the [Annual and Perennial Crop List for the Purpose of Conservation Compliance 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 is 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.