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| Compost Application (C:N>11) | Perennial Cropland 2-8 tons/acre | Apply compost (with hose or tractor) on crop land at rate of 2-8 tons/acre | 4-5 | − Yield Improvements  
− Improved Microbial community  
− Reduced application of nitrogen fertilizer  
− Improved soil water holding capacity, percolation and infiltration  
− Improved soil structure and biodiversity | | $50/ton  
2-8 tons/acre | n/a |
| Compost Application (C:N>11) | Annual Cropland 3-8 tons/acre | Apply compost (with hose or tractor) on crop land at rate of 3-8 tons/acre | 4-5 | − Reduced reliance on landfill  
− Reduced reliance on imported water  
− Carbon Sequestration | | $325/acre  
($50/ton @6.5/acre) | n/a |
| Compost Application (C:N>11) | Rangeland 6-8 tons/acre | Apply compost (with hose or tractor) on rangeland at rate of 6-8 tons/acre | 4-5 | − Improved water infiltration and percolation  
− Fungal disease remediation  
− Improved drought tolerance | | IMPLEMENTATION COST:  
$280/acre for Ted Chamberlin Ranch  
($29.50 per ton of compost @6.5 tons/acre + $90 per acre for spreading) | n/a |
| Mulch Application (Wood Chips) | Orchards, Vineyards and Row Crops | Apply and maintain mulch on crop land berms | 0.2 | − Improved water infiltration and percolation  
− Reduced stormwater runoff  
− Reduced reliance on imported water | | $1712/acre  
$1019.48/acre | |
| Cover Crops | Orchards, Vineyards and Row Crops | Seed multispecies cover crop in orchard rows or in between plantings of annual crops | 0.5 | − Reduction in soil compaction  
− Increased soil porosity and infiltration  
− Increased soil nutrients  
− Livestock feed  
− Pest reduction | | Basic (one species): $126.44/acre  
Multiple Species: $147/acre | Basic Organic: $62.06/acre |
| Conservation Cover (Permanent cover) | Orchards, Vineyards and Row Crops | Establishing and maintaining permanent vegetative cover | 1 | − Improved nutrient cycling  
− Increased organic matter  
− Reduced soil erosion  
− Increased weed suppression  
− Improved water infiltration and percolation | | Introduced Species: $203.16/ac  
Native Species: $280.7/ac  
Pollinator Species: $1,052.98/ac | Monarch Species Mix: $1,052.98/ac |
| No Till or Strip Till | Orchards, Vineyards and Row Crops | Intensive Till to Reduced-Till on Irrigated Cropland or Non-Irrigated Cropland | 0.2 | − Reduced evaporation  
− Maintains soil nutrients and biodiversity | | $30/acre  
$16.20/acre | |
| Silvopasture | Rangelands, Pastureland | Planting of trees or shrubs on grazed rangeland | 0.7 | − Improved nutrient cycling  
− Improved Microbial community  
− Improved water infiltration  
− Moderates microclimate for livestock  
− Provides additional fodder  
- Provide forage, shade, and shelter for livestock | | $193/acre  
Establish Trees, Existing Grasses: $114.70/acre | |
| Tree/Shrub Establishment | Rangeland, Cropland | Establishing woody plants | 18 | − Increased pollinator presence  
− Defends against wind and extreme weather conditions  
− Increased biomass carbon and soil carbon  
- Can serve as renewable biofuel and feedstock source  
- Yield Improvements  
− Improved Microbial community  
− Reduced application of nitrogen fertilizer  
− Improved soil water holding capacity, percolation and infiltration  
- Improved soil structure and biodiversity  
- Improved water infiltration and percolation  
- Reduced run off and erosion  
- Reduced reliance on imported water  
- Carbon Sequestration | | $915.3/acre  
Conservation, 1 gal pots: $6.82/ea  
Conservation, 1 gal pots, protected: $18.80/ea | |

** Sample list of practices and benefits. Talk to your local RCD or NRCS representative to learn about other practices.

*Payment rates listed are 2019 CDFA and NRCS rates. Subject to change in 2020.