



Sustainable Farms & Fields

Eligible Practices & Tools for Estimating Greenhouse Gas Impacts

Updated April 2026

Note that greenhouse gas impacts for most eligible practices can be estimated using [COMET Planner](#) or by using [COMET Farm](#).

New for FY27: For projects involving a change in energy efficiency or fuel use (from baseline) to implement practices, please use [COMET Energy](#) to estimate the impact on GHG emissions related to energy/fuel use over the lifespan of the practice. In some cases, COMET Energy will be used in addition to COMET Planner/Farm and in other cases only one of these tools will be needed. Please provide the total estimated impact over the total lifespan of the practice. Questions? Please contact Karen Hills (khills@scc.wa.gov).

Soil Health

| Practice (Code) | Practice Lifespan | Practice Description | Recommended tool(s) for estimating CO ₂ e impact |
|--|-------------------|---|---|
| CPS 327: Conservation Cover | 5 | Establishing and maintaining permanent vegetative cover | COMET Planner |
| CPS 328: Conservation Crop Rotation | 1 | Growing crops in a planned sequence on the same field. | COMET Planner |
| CPS 329: Residue and Tillage Management – No-Till/Strip-Till/Direct Seed | 1 | Managing the amount, orientation and distribution of crop and other plant residue on the soil surface year round, limiting soil-disturbing activities to those necessary to place nutrients, condition residue and plant crops. | COMET Planner |
| CPS 332: Contour Buffer Strips | 5 | Narrow strips of permanent, herbaceous vegetative cover established around the hill slope, and alternated down the slope with wider cropped strips that are farmed on the contour. | COMET Planner |
| CPS 340: Cover Crop | 1 | Crops including grasses, legumes, and forbs for seasonal cover and other conservation purposes. | COMET Planner |

| Practice (Code) | Practice Lifespan | Practice Description | Recommended tool(s) for estimating CO₂e impact |
|---|--------------------------|---|--|
| CPS 345: Residue and Tillage Management – Reduced Till | 1 | Managing the amount, orientation and distribution of crop and other plant residue on the soil surface year round while limiting the soil-disturbing activities used to grow and harvest crops in systems where the field surface is tilled prior to planting. | COMET Planner |
| CPS 386: Field Border | 10 | A stripe of permanent vegetation established at the edge or around the perimeter of a field. | COMET Planner |
| CPS 393: Filter Strips | 10 | A strip or area of herbaceous vegetation that removes contaminants from overland flow. | COMET Planner |
| CPS 412: Grassed Waterway | 10 | A shaped or graded channel that is established with suitable vegetation to carry surface water at a non-erosive velocity to a stable outlet. | COMET Planner |
| CPS 484: Mulching <i>apply natural mulch materials</i> | 1 | Applying plant residues or other suitable materials produced off site, to the land surface | COMET Planner |
| CPS 585: Stripcropping | 5 | Growing planned rotations of erosion-resistant and erosion-susceptible crops or fallow in a systematic arrangement of strips across a field. | COMET Planner |
| CPS 601: Vegetative Barriers | 5 | Permanent strips of stiff, dense vegetation established along the general contour of slopes or across concentrated flow areas. | COMET Planner |
| CPS 384: Woody Residue Treatment | 10 | The treatment of residual woody material that is created due to management activities or natural disturbances. | Contact program manager |
| CPS 603: Herbaceous Wind Barriers | 5 | Herbaceous vegetation established in rows or narrow strips in the field across the prevailing wind direction. | COMET Planner |
| CPS 336: Soil Carbon Amendment | 1 | Using carbon-based amendments to increase soil carbon and improve the physical, chemical, and biological properties of the soil. | COMET Farm |

Nitrogen Management

| Practice (Code) | Practice Lifespan | Practice Description | Recommended tool(s) for estimating CO ₂ e impact |
|---|-------------------|---|---|
| CPS 590: Nutrient Management including <ul style="list-style-type: none"> o E590A o E590B o E590C o E590D | 1 | Manage rate, source, placement, and timing of plant nutrients and soil amendments while reducing environmental impacts. E590A - Improving nutrient uptake efficiency and reducing risk of nutrient losses E590B – Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies E590C - Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture E590D - Reduce risks of nutrient losses to surface and groundwater by increasing setback awareness via precision technology | COMET Planner |

Livestock Partnership

| Practice (Code) | Practice Lifespan | Practice Description | Recommended tool(s) for estimating CO ₂ e impact |
|---|-------------------|---|--|
| CPS 366: Anaerobic Digester | 25 | A device or system for reducing emissions of air contaminants from a structure via interception and/or collection. | COMET Farm |
| CPS 592: Feed Management Used to reduce enteric methane emissions | 1 | Manipulating and controlling the quantity and quality of available nutrients, feedstuffs, or additives fed to livestock and poultry. | COMET Farm |
| CPS 632: Waste Separation Facility | 15 | A filtration or screening device, settling tank, settling basin, or settling channel used to partition solids and/or nutrients from a waste stream. | COMET Farm or CARB AMMP tool modified for WA |
| CPS 367: Roofs and Covers Used to cover a waste management facility to capture biogas | 10 | A rigid, semi-rigid, or flexible manufactured membrane, composite material, or roof structure placed over a waste management facility. | COMET Farm |

Grazing and Pasture

| Practice (Code) | Practice Lifespan | Practice Description | Recommended tool(s) for estimating CO ₂ e impact |
|---|-------------------|---|---|
| CPS 512: Pasture and Hay Planting | 5 | Establishing adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay, or biomass production. | COMET Planner (Forage and Biomass Planting) |
| CPS 528: Prescribed Grazing | 1 | Managing the harvest of vegetation with grazing and/or browsing animals with the intent to achieve specific ecological, economic, and management objectives. | COMET Planner |
| CPS 550: Range Planting | 5 | Establishment of adapted perennial or self-sustaining vegetation such as grasses, forbs, legumes, shrubs and trees. | COMET Planner |
| SCC64: Temporary Fence Used to support Prescribed Grazing | 5 | Moveable fencing to facilitate prescribed grazing. Materials purchased must be designed for intended practice and must include all components recommended by manufacturer to make the system safe and effective and perform the intended purpose. | COMET Planner (Prescribed grazing practice) |

Agroforestry

| Practice (Code) | Practice Lifespan | Practice Description | Recommended tool(s) for estimating CO ₂ e impact |
|---|-------------------|---|---|
| CPS 311: Alley Cropping | 15 | Trees or shrubs planted in a set or series of single or multiple rows with agronomic, horticultural crops or forages produced in the alleys between the rows of woody plants. | COMET Planner (tree and shrub establishment practice) or COMET Farm |
| CPS 379: Multi-story Cropping | 10 | Existing or planted stands of trees or shrubs that are managed as an overstory with an understory of woody and/or non-woody plants that are grown for a variety of products. | COMET Planner (tree and shrub establishment practice) or COMET Farm |
| CPS 380: Windbreak/Shelterbelt Establishment and Renovation | 15 | Windbreaks or shelterbelts are single or multiple rows of trees or shrubs in linear configurations. | COMET Planner |
| CPS 381: Silvopasture Establishment | 15 | An application establishing a combination of trees or shrubs and compatible forages on the same acreage. | COMET Planner (tree and shrub establishment practice) or COMET Farm |

| Practice (Code) | Practice Lifespan | Practice Description | Recommended tool(s) for estimating CO₂e impact |
|--|--------------------------|--|--|
| CPS 390: Riparian Herbaceous Cover | 5 | Grasses, sedges, rushes, ferns, legumes, and forbs tolerant of intermittent flooding or saturated soils, established or managed as the dominant vegetation in the transitional zone between upland and aquatic habitats. | COMET Planner |
| CPS 391: Riparian Forest Buffer | 15 | An area predominantly trees and/or shrubs located adjacent to and up-gradient from watercourses or water bodies. | COMET Planner |
| CPS 422: Hedgerow Planting | 15 | Establishment of dense vegetation in a linear design to achieve a natural resource conservation purpose. | COMET Planner |
| CPS 612: Tree/Shrub Establishment | 15 | Establishing woody plants by planting seedlings or cuttings, direct seeding, or natural regeneration. | COMET Planner |
| CPS 650: Windbelt/Shelterbelt Renovation | 15 | Replacing, releasing and/or removing selected trees and shrubs or rows within an existing windbreak or shelterbelt, adding rows to the windbreak or shelterbelt or removing selected tree and shrub branches. | COMET Planner |

Other

| Practice (Code) | Practice Lifespan | Practice Description | Recommended tool(s) for estimating CO₂e impact |
|---|--------------------------|--|--|
| SCC52: GPS Precision Guidance System | 10 | GPS Guidance Systems applications provide a means to precisely apply pesticides, lime, fertilizers, and track wide planters and drills. | COMET Energy - Contact program manager |
| SCCXX (in development): Aquaculture Practices | In development | <p>New proposed practices for aquaculture available in FY27 to CDs that proposed them (practice names pending)</p> <ul style="list-style-type: none"> • Restoration of marine vegetation in proximity to shellfish production areas • Precision mechanical harvest for on-bottom oysters • Floating bag aquaculture | Contact program manager |