

Wisconsin EQIP Climate-Smart Agriculture and Forestry (CSAF) Mitigation Activities List for FY2024



Highlighted activities have been added to the list in FY2024.

*Noted activities are added to the list as "provisional."^[1]

Mitigation Categories	Code	Conservation Practice Standard Name ^{[2][3]} (practice unit)
Soil Health	327	Conservation Cover (acres)
	328	Conservation Crop Rotation (acres)
	329	Residue and Tillage Management, No Till (acres)
	332	Contour Buffer Strips (acres)
	340	Cover Crop (acres)
	345	Residue and Tillage Management, Reduced Till (acres)
	386	Field Border (acres)
	393	Filter Strips (acres)
	412	Grassed Waterways (acres)
	484	Mulching (acres)
	585	Stripcropping (acres)
	603	Herbaceous Wind Barriers (feet)
Nitrogen Management	590	Nutrient Management (acres)
Livestock Partnership	317	Composting Facility (number)*
	313	Waste Storage Facility (number)* - Used to implement compost bedded-pack ^[4]
	366	Anaerobic Digester (number)
	367	Roofs and Covers (number)* - Used to cover a waste management facility to capture biogas ^[4]
	592	Feed Management (animal unit)* - Used to reduce enteric methane emissions ^[4]
	632	Waste Separation Facility (number)*
Grazing and Pasture	314	Brush Management (acres)* - Used to remove woody invasive vegetation and the removed material will be mechanically treated and left ^[4]
	315	Herbaceous Weed Treatment (acres)* - Used to release desired deep rooted perennial species ^[4]
	338	Prescribed Burning (acres)*
	512	Pasture and Hay Planting (acres)
	528	Prescribed Grazing (acres)
Agroforestry, Forestry and Wildlife Habitat	311	Alley Cropping (acres)
	342	Critical Area Planting (acres)
	379	Forest Farming (acres)
	380	Windbreaks/Shelterbelt Establishment and Renovation (feet)
	381	Silvopasture (acres)
	383	Fuel Break (acres)*
	384	Woody Residue Treatment (acres)*
	391	Riparian Forest Buffer (acres)
	420	Wildlife Habitat Planting (acres)*
	612	Tree-Shrub Establishment (acres)
	643	Restoration of Rare or Declining Natural Communities (ac)* - Used to restore floodplain hydrology ^[4]
	666	Forest Stand Improvement (acres)*

Energy, Combustion & Electricity Efficiency	374	Energy Efficient Agricultural Operation (number)*
	430	Irrigation Pipeline (feet)* - Used to reduce energy use ^[4]
	441	Irrigation System, Microirrigation (acres)* - Used to reduce energy use ^[4]
	442	Sprinkler System (acres)* - Used to reduce energy use ^[4]
	533	Pumping Plant (number)* - Used to reduce energy use ^[4]
	672	Energy Efficient Building Envelope (number)*
	670	Energy Efficient Lighting System (number)*
Wetlands	657	Wetland Restoration (acres)*

Notes

In addition to the designated CSAF conservation activities listed, conservation practices that facilitate the management or the function of a CSAF activity but may not achieve the desired effects on their own (and may not have a quantifiable benefit), may be planned as applicable in consultation with your local professional conservation planner. Examples: Tree-Shrub Establishment (612) may need facilitating practices such as Tree/Shrub Site Preparation (490) or Access Control (472). Conservation Crop Rotation (328) may need facilitating practices such as Pest Management Conservation System (595), Cover Crops (340), or Irrigation Water Management (449). Waste Separation Facility (632) may need facilitating practices such as Waste Transfer (634) or Roofs and Covers (367). Prescribed Grazing (528) may need facilitating practices such as Watering Facility (614), Stream Crossing (578), Brush Management (314), Fence (382), or Livestock Shelter Structure (576).

[1] Provisional activities and their associated enhancements are added under the premise that they may provide benefits, and a quantification methodology will be evaluated during the fiscal year. Practices may be removed from the mitigation practice list in a subsequent fiscal year if quantification is not possible. Unless otherwise noted, listed practices have quantifiable carbon sequestration and/or GHG reduction methodologies described in COMET-Planner (comet-planner.com). New practices will be added as science progresses and scientifically defensible quantification methodologies are identified to accompany existing and new NRCS conservation practice standards.

[2] The included Conservation Practice Standard and Conservation Stewardship Program links provide national information. Please consult the NRCS office at your local USDA Service Center for any local and state level criteria.

Visit farmers.gov/service-locator to find contact information for your local office.

[3] The following were removed from the list for FY2024: Conservation Practice Standard Upland Wildlife Habitat and Management (Code 645) and Enhancements (E645B) Manage existing shrub thickets to provide adequate shelter for wildlife, (E645C) Edge feathering for wildlife cover, (E328G) Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement, (E528D) Grazing management for improving quantity and quality of food or cover and shelter for wildlife, and (E528E) Improved grazing management for enhanced plant structure and composition for wildlife. Two enhancements were archived and are no longer available within CSP: (E512E) Forage and biomass planting that produces feedstock for biofuels or energy production and (E512K) Establishing native species into forage base to improve diversity for both livestock and wildlife. Bundles for CSP are no longer listed in this document, refer to program guidance for CSP information on the use of appropriate bundles.

[4] The practice is considered a mitigation activity only when implemented in the specified way. A brief description of the specific implementation is identified and associated narratives for conservation planning purposes are included at the end of the document. When a specific implementation is not specified, any narrative of the practice may be used for planning under the assumption that it will provide mitigation benefits.



NRCS Narrative Crosswalk for Conservation Planners

Code	Conservation Practice Standard	Code	Narrative
313	Waste Storage Structure	01N	Compost Bedded Pack waste storage facility - a livestock agricultural waste storage fabricated structure where manure is composted within the animal housing
314	Brush Management	01N	Remove woody (non-herbaceous and succulent) invasive vegetation to maintain or enhance deep rooted native perennial grass and forb communities, woody material will be mechanically treated/chipped and left onsite to mitigate above ground carbon loss
315	Herbaceous Weed Treatment	01N	Removal of herbaceous weeds to release desired deep rooted perennial grass and forb species
367	Roofs and Covers	01N	Capture Biogas - Place a rigid, semirigid, or flexible manufactured membrane, composite material, or roof structure placed over a waste management facility to capture biogas and reduce odor
372	Combustion System Improvement	05N	Mobile internal combustion engine to electric motor replacement - Replace an existing on-farm mobile device (i.e., tractor, loader, forklift, etc.) powered by an internal combustion engine with a new mobile device powered by an electric motor
430	Irrigation Pipeline	01N	Replacement of an earthen channel that is supplied by pumping water with a closed conduit, resulting in enhanced conveyance efficiency and reduced energy use
441	Irrigation System, Microirrigation	01N	Switching from higher to lower pressure irrigation system, resulting in enhanced application efficiency and reduced energy use
442	Sprinkler System	01N	Utilization of variable rate irrigation (VRI) technology, switching from higher to lower pressure irrigation systems, and sprinkler head renozzling without increasing irrigated acres, resulting in enhanced application efficiency and reduced energy use
449	Irrigation Water Management	01N	Managing water levels in rice fields to include dry down between full flood conditions prior to re-flooding (alternated wetting and drying) to minimize greenhouse gas production in accordance with an irrigation water management plan
533	Pumping Plant	01N	Replacing existing pumps with high-efficiency pump
592	Feed Management	03N	Reduce enteric methane emissions from animal feeding operations by manipulating the quantity and quality of dietary nutrients, incorporating feed additives and feed ingredients, or adjusting concentrate to forage ratio in livestock and poultry diets to lower methane produced and emitted during digestion
643	Restoration of Rare or Declining Natural Communities	01N	Restoration of streams and associated floodplains using low-tech structures (such as beaver dam analogs or other stick-and-stone structures) to kick-start natural ecological and hydrologic processes required for maintenance of healthy and functioning streams and associated floodplains