

Landscape Setting	Conservation Practice Name	Practice Code	Practice Definition	NRCS Resource Concern			Carbon	Water Quality		Soil Health Outcome Quadrant
				Soil Quality - Organic Matter Depletion	Soil Quality - Compaction	Soil Erosion - Sheet & Rill	MtCO2e/ ac/yr estimate	WIP goal	MACS eligible	
C	Alley Cropping	311	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.	5	2	5	1.74			4
C	Amending Soil Properties with Gypsum Products	333	Using gypsum- (calcium sulfate dihydrate) derived products to change the physical and/or chemical properties of soil.	1	0	1				1
C	Conservation Crop Rotation	328	Growing crops in a planned sequence on the same field.	4	1	4	0.22			4
C	Contour Buffer Strips	332	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.	2	0	3	1.26	X		4
C	Contour Farming	330	Using ridges and furrows formed by tillage, planting and other farming operations to change the direction of runoff from directly downslope to around the hillslope	1	0	2		X	X	2
C	Contour Orchard and Other Perennial Crops	331	Planting orchards, vineyards, or other perennial crops so that all cultural operations are done on or near the contour.	2	0	4	-	X	X	2
C	Cover Crop	340	Crops including grasses, legumes, and forbs for seasonal cover and other conservation purposes.	2	2	4	0.37	X	X	4
C	Drainage Water Management	554	The process of managing water discharges from surface and/or subsurface agricultural drainage systems	2	-1	0		X	X	not applicable
C	Integrated Pest Management	595	A site-specific combination of pest prevention, pest avoidance, pest monitoring, and pest suppression strategies.	2	2	2				4
C	Irrigation Water Management	449	Irrigation water management is the process of determining and controlling the volume, frequency, and application rate of irrigation water in a planned, efficient manner.	1	0	0		*		not applicable
C	Nutrient Management	590	Managing the amount (rate), source, placement (method of application), and timing of plant nutrients and soil amendments.	2	-1	0	0.11-1.75	X		1
C	Residue and Tillage Management, No Till	329	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.	2	2	4	0.31	X		2
C	Residue and Tillage Management, Reduced Till	345	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.	2	1	4	0.2	X		2

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C	Stripcropping	585	Growing planned rotations of row crops, forages, small grains, or fallow in a systematic arrangement of equal width strips across a field.	2	0	4		X	X	4
C/P	Hedgerow Planting	422	Establishment of dense vegetation in a linear design to achieve a natural resource conservation purpose.	2	1	0	1.7	X		4
C/P	Mulching	484	Applying plant residues or other suitable materials produced off site, to the land surface	1	0	4	0.32			2
C/P	Waste Recycling	633	The use of the by-products of agricultural production or the agricultural use of non-agricultural by-products.	1	0	0				1
C/P	Windbreak/Shelterbelt Establishment	380	Windbreaks or shelterbelts are single or multiple rows of trees or shrubs in linear configurations.	4	2	1		X		4
LC	Conservation Cover	327	Establishing and maintaining permanent vegetative cover	5	3	4	1.26	X	X	4
LC	Critical Area Planting	342	Establishing permanent vegetation on sites that have, or are expected to have, high erosion rates, and on sites that have physical, chemical or biological conditions that prevent the establishment of vegetation with normal practices.	5	2	5	1.26	X	X	4
LC	Field Border	386	A stripe of permanent vegetation established at the edge or around the perimeter or a field.	4	2	4	1.26	X	X	4
LC	Filter Strip	393	A strip or area of herbaceous vegetation that removes contaminants from overland flow.	5	0	0	1.26	X	X	4
LC	Grassed Waterway	412	A shaped or graded channel that is established with suitable vegetation to carry surface water at a non-erosive velocity to a stable outlet.	3	0	0	1.26	X	X	4
LC	Riparian Forest Buffer	391	An area predominantly trees and/or shrubs located adjacent to and up-gradient from watercourses or water bodies.	4	2	3	2.47	X	X	4
LC	Riparian Herbaceous Cover	390	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.	4	4	2	1.26	X	X	4
LC	Shallow Water Development and Management	646	The inundation of lands to provide habitat for fish and/or wildlife.	1	0	0		X		4
LC	Tree/Shrub Establishment	612	Establishing woody plants by planting seedlings or cuttings, direct seeding, or natural regeneration.	4	2	5	2.26	X		4

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LC	Vegetated Treatment Area	635	An area of permanent vegetation used for agricultural wastewater treatment.	3	3	4		X	X	4
LC	Vegetative Barrier	601	Permanent strips of stiff, dense vegetation established along the general course of a waterway.	0	0	4	1.26	X		4
LC	Wetland Creation	658	The creation of a wetland on a site location that was historically non-wetland.	2	0	0		X	X	4
LC	Wetland Enhancement	659	The augmentation of wetland functions beyond the original natural conditions on a former, degraded, or naturally functioning wetland site; sometimes at the expense of other functions.	1	0	0		X		4
LC	Wetland Restoration	657	The return of a wetland and its functions to a close approximation of its original condition as it existed prior to disturbance on a former or degraded wetland site.	1	0	0		X	X	4
P	Forage and Biomass Planting	512	Establishing adapted and/or compatible species, varieties, or cultivars of herbaceous species suitable for pasture, hay, or biomass production.	1	2	1	0.22	X	X	4
P	Forage Harvest Management	511	The timely cutting and removal of forages from the field as hay, green-chop, or ensilage.	1	3	1				4
P	Prescribed Grazing	528	Managing the harvest of vegetation with grazing and/or browsing animals.	4	2	4	0.26	X		4
P	Silvopasture Establishment	381	An application establishing a combination of trees or shrubs and compatible forages on the same acreage.	3	0	4	1.34			4

LEGEND
C = Cropland - Infield practice or management practice
P = Pasture - Infield practice or management practice
LC = Land Conversion - conversion of working lands to permanent cover (woody, herbaceous, or wetland).
Practices vary in landscape position (i.e. Infield vs. edge-of-field).
* = Interim practice under review