



Climate Smart Agriculture & Forestry Inflation Reduction Act of 2022

Natural
Resources
Conservation
Service

nrcs.usda.gov

Details are likely to change

More information to come



Signed into Law on August 16, 2022

To raise \$737 billion and spending on energy and climate change, Affordable Care Act subsidies, prescription drug reform, and tax reform.

\$19.5 Billion in new conservation funding to support Climate Smart Agriculture.

RCPP: The Secretary shall prioritize partnership agreements that support the implementation of conservation projects that assist agricultural producers and nonindustrial private forestland owners in directly improving soil carbon, reducing nitrogen losses, or reducing, capturing, avoiding, or sequestering carbon dioxide, methane, or nitrous oxide emissions, associated with agricultural production.....

CSP & EQIP: The use of the funds that the funds shall **only be available for 1 or more agricultural conservation practices, enhancements, or bundles** that the Secretary determines directly improve soil carbon, reduce nitrogen losses, or reduce, capture, avoid, or sequester carbon dioxide, methane, or nitrous oxide emissions, associated with agricultural production;

Inflation Reduction Act of 2022

		IRA funding in millions					
	FY22 Farm Bill	2023	2024	2025	2026	IRA total	
EQIP	\$ 1,800	\$ 250	\$ 1,750	\$ 3,000	\$ 3,450	\$ 8,450	
CSP	\$ 800	\$ 250	\$ 500	\$ 1,000	\$ 1,500	\$ 3,250	
RCPP	\$ 300	\$ 250	\$ 800	\$ 1,500	\$ 2,400	\$ 4,950	
ACEP	\$ 450	\$ 100	\$ 200	\$ 500	\$ 600	\$ 1,400	
CTA						\$ 1,000	
Carbon Program						\$ 300	
Admin						\$ 100	

Climate-Smart Agriculture and Forestry

Climate-Smart Agriculture and Forestry (CSAF): Enables farmers, ranchers, and forest landowners to respond to climate change by reducing or removing GHG emissions (**mitigation**) and adapting and building resilience (**adaptation**), while sustainably increasing agricultural productivity and incomes.

Mitigation addresses the causes of climate change, while adaptation and resilience address the consequences of climate change.

Conservation Planning

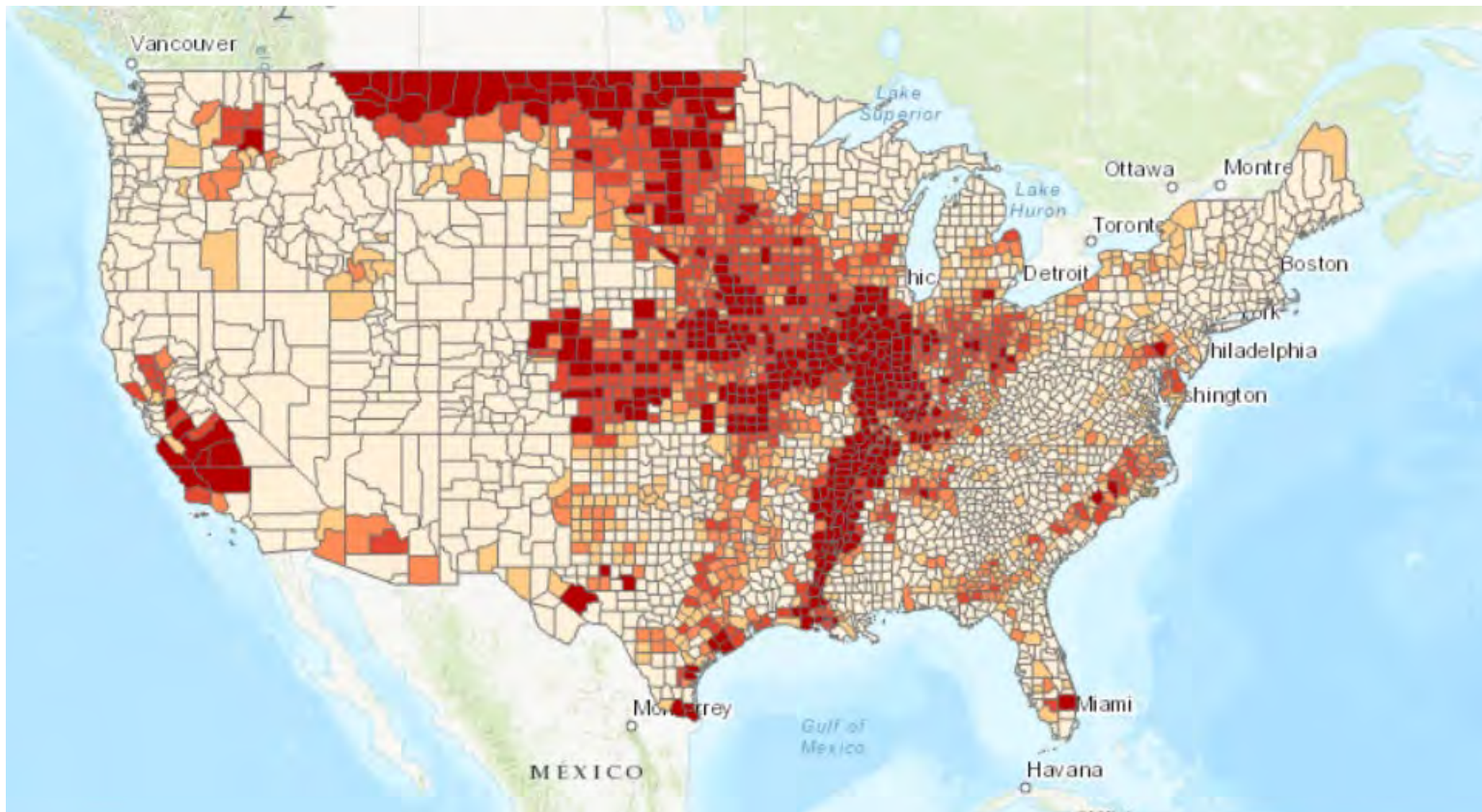
- *Improve soil carbon, reduce nitrogen losses, or reduce, capture, avoid, or sequester carbon dioxide, methane, or nitrous oxide emissions*
- **Identify resource concerns, producer objectives, site conditions...**



- **Co-benefits and systems**

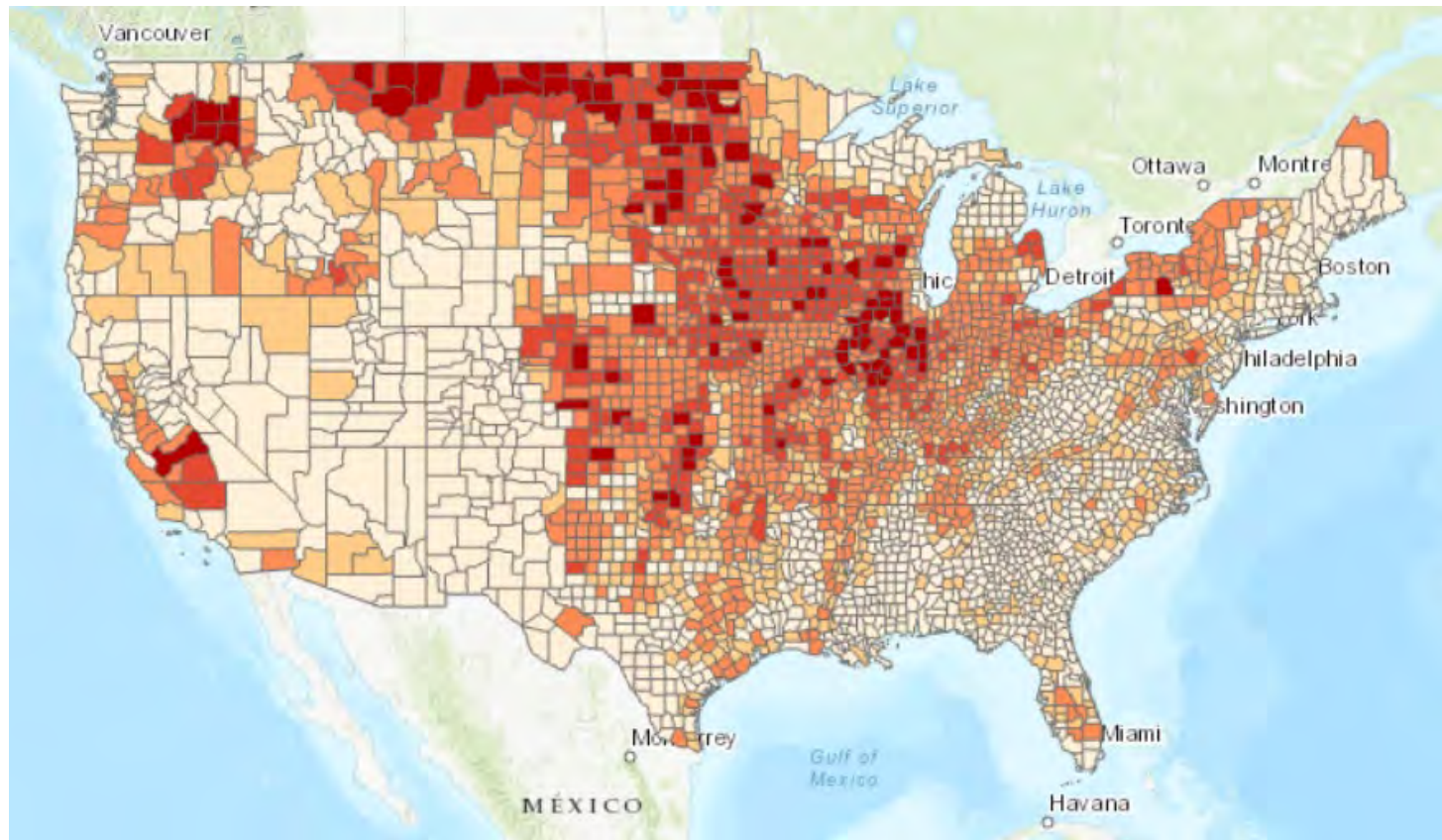
NRCS Priority Data Layer Web Application

Potential to Address Climate Change By Practice:
340 Cover Crop



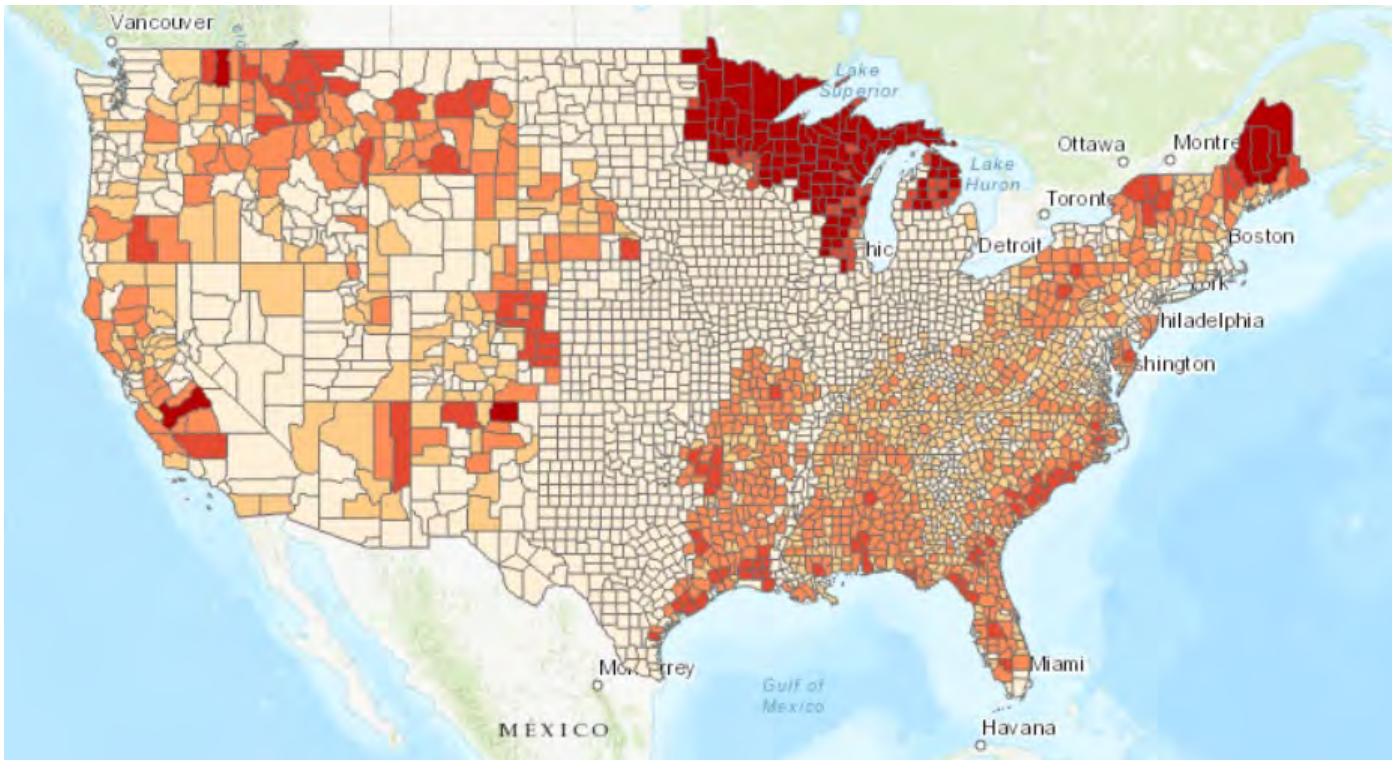
NRCS Priority Data Layer Web Application

Potential to Address Climate Change By Practice:
590 Nutrient Management



NRCS Priority Data Layer Web Application

Potential to Address Climate Change By Practice:
612 Tree Shrub Establishment



CSAF Mitigation Activity List

Natural Resources Conservation Service

Climate-Smart Agriculture and Forestry (CSAF) Mitigation Activities List ¹ FY2023



Climate Change Mitigation Practice Categories	Code	Conservation Practice Standard Name ² (units)	CSP Enhancement Code	Conservation Stewardship Program (CSP) Bundle and Enhancement Activity	
Soil Health	327	Conservation Cover (acres)	B000BFF1	Buffer Bundle#1*	
			B000CFL14	Cropland soil health management system ¹	
			B000CFL25	Climate smart advanced soil health ¹	
	328	Conservation Crop Rotation (acres)	E327A	Conservation cover for pollinators and beneficial insects	
			E327B	Establish Monarch butterfly habitat	
			E328A	Resource conserving crop rotation	
			E328B	Improved resource conserving crop rotation	
			E328E	Soil health crop rotation	
			E328F	Modifications to improve soil health and increase soil organic matter	
			E328G	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	
			E328N	Intercropping to improve soil health	
			E328O	Perennial grain crop conservation rotation	
			E329A	No till to reduce soil erosion	
	329	Residue and Tillage Management, No Till (acres)	E329B	No till to reduce tillage induced particulate matter	
			E329C	No till to increase plant-available moisture	
			E329D	No till system to increase soil health and soil organic matter content	
			E329E	No till to reduce energy	
			None Available		
	340	Cover Crop (acres)	E340A	Cover crop to reduce soil erosion	
			E340B	Intensive cover cropping to increase soil health and soil organic matter content	
			E340C	Use of multi-species cover crops to improve soil health and increase soil organic matter	
			E340D	Intensive orchard/vineyard floor cover cropping to increase soil health	
			E340F	Cover crop to minimize soil compaction	
E340G			Cover crop to reduce water quality degradation by utilizing excess soil nutrients		
E340H			Cover crop to suppress excessive weed pressures and break pest cycles		
E340I			Using cover crops for biological strip till		
E345A			Reduced tillage to reduce soil erosion		
345			Residue and Tillage Management, Reduced Till	E345B	Reduced tillage to reduce tillage induced particulate matter
				E345C	Reduced tillage to increase plant-available moisture

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<u>Category</u>	<u>Code</u>	<u>Practice</u>
Soil Health	327	Conservation Cover (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)
	601	Vegetative Barriers (feet)
	603	Herbaceous Wind Barriers (feet)
Nitrogen Management	590	Nutrient Management (acres)
Livestock Partnership	366	Anaerobic Digester (number)
	632	Waste Separation Facility (number)*
Grazing and Pasture	512	Pasture and Hay Planting (acres)
	528	Prescribed Grazing (acres)

<u>Category</u>	<u>Code</u>	<u>Practice</u>
Agroforestry, Forestry and Upland 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)
	390	Riparian Herbaceous Cover (acres)
	391	Riparian Forest Buffer (acres)
	420	Wildlife Habitat Planting (acres)*
	422	Hedgerow Planting (feet)
	645	Upland Wildlife Habitat Management (acres)
	666	Forest Stand Improvement (acres)*
Restoration of Disturbed Lands	453	Land Reclamation, Landslide Treatment (acres)
	543	Land Reclamation, Abandoned Mined Land
Energy, Combustion, & Electric Efficiency	372	Combustion System Improvement
	374	Energy Efficient Agricultural Operation (number)*
	672	Energy Efficient Building Envelope (number)*
	670	Energy Efficient Lighting System (number)*
Wetlands	657	Wetland Restoration (acres)*

Prescribed Grazing (528)

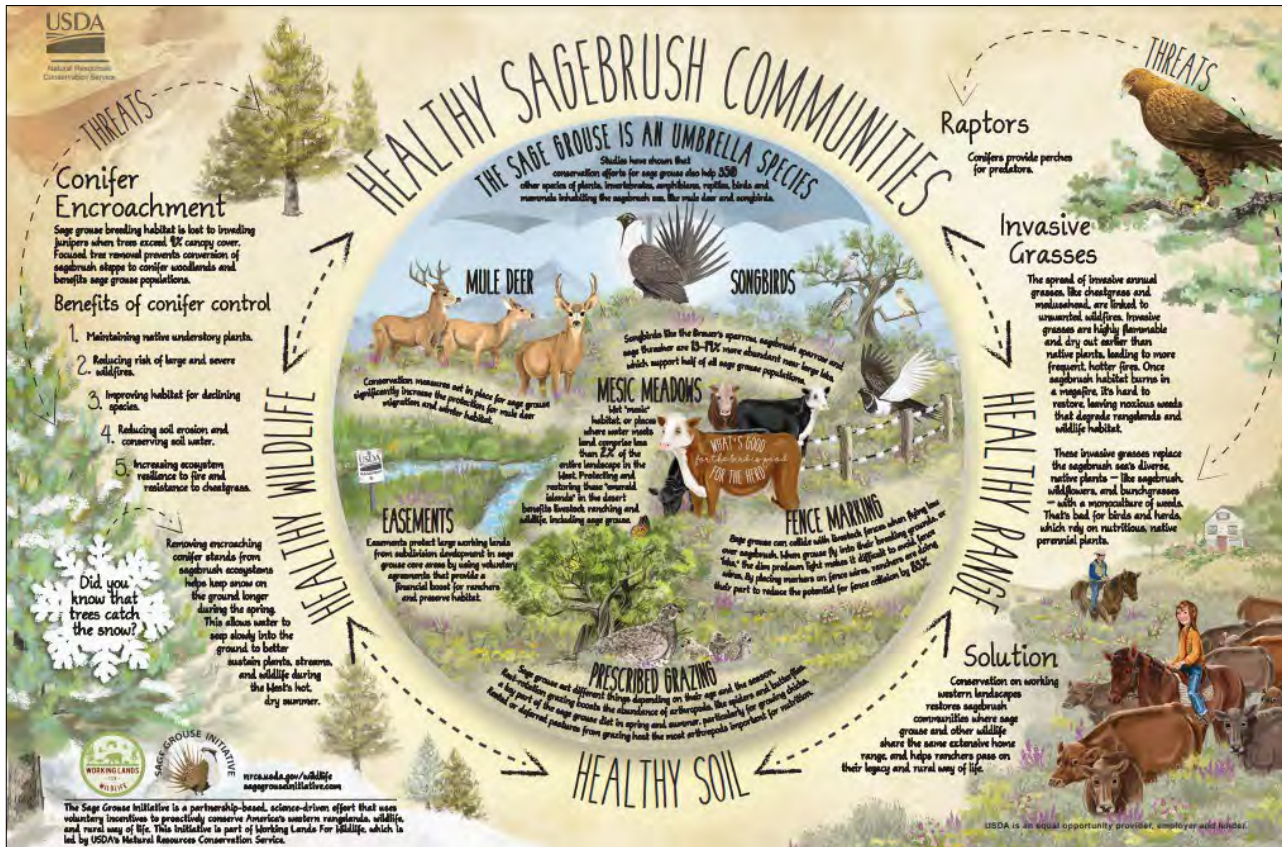


Fence (382)

Stream crossing (578)

Livestock Shelter Structure
(576)

• Upland Wildlife Habitat Management (645)



• Brush Management (314)

• Prescribed Burning (338)

• Prescribed Grazing (528)



Feedback and Input

- **Process for requesting CSAF designation for additional practices**
- **Development of new practices and activities**

Discussion /Questions

*USDA is an equal opportunity
provider, employer, and lender.*

