

## NRCS Resource Concerns 2022 (2022-02-01)

SWAPAE+H	Category	CART Category	Resource Concern
SOIL	SOIL EROSION	<i>Wind and water erosion</i>	Sheet and rill erosion
			Wind erosion
		<i>Concentrated erosion</i>	Ephemeral gully erosion
			Classic gully erosion
	SOIL HEALTH	<i>Soil quality limitations</i>	Bank erosion from streams, shorelines or water conveyance channels
			Subsidence
			Compaction
			Organic matter depletion
			Concentration of salts or other chemicals
			Soil organism habitat loss or degradation
WATER	EXCESS WATER	<i>Weather resilience</i>	Aggregate instability
			Ponding and flooding
			Seasonal high water table
			Seeps
			Drifted snow
	INSUFFICIENT WATER	<i>Source water depletion</i>	Naturally available moisture use
			Surface water depletion
			Groundwater depletion
	WATER QUALITY	<i>Field sediment, nutrient and pathogen loss</i>	Inefficient irrigation water use
			Nutrients transported to surface water
			Nutrients transported to groundwater
			Pathogens and chemicals from manure, biosolids or compost applications transported to surface water
		<i>Field Pesticide loss</i>	Sediment transported to surface water
			Pesticides transported to surface water
		<i>Storage and handling of pollutants</i>	Pesticides transported to groundwater
			Nutrients transported to surface water
Nutrients transported to groundwater			
Petroleum, heavy metals and other pollutants transported to surface water			
<i>Salt losses to water</i>	Petroleum, heavy metals and other pollutants transported to groundwater		
	Salts transported to surface water		
AIR	AIR QUALITY	<i>Air quality emissions</i>	Salts transported to groundwater
			Emissions of particulate matter (PM) and PM precursors
			Emissions of greenhouse gases - GHGs
			Emissions of ozone precursors
			Objectionable odor
PLANT	PLANT CONDITION	<i>Pest pressure</i>	Emissions of airborne reactive nitrogen
			<i>Degraded plant condition</i>
			<i>Fire management</i>
ANIMAL	LIVESTOCK PRODUCTION	<i>Livestock production limitation</i>	Plant pest pressure
			Plant productivity and health
			Plant structure and composition
	HABITAT FOR FISH & WILDLIFE	<i>Terrestrial habitat</i>	Wildfire hazard from biomass accumulation
			<i>Aquatic habitat</i>
ENERGY	ENERGY EFFICIENCY	<i>Inefficient energy use</i>	Feed and forage balance
			Terrestrial habitat for wildlife and invertebrates
			Aquatic habitat for fish and other organisms
HUMAN			Elevated water temperature
			Energy efficiency of equipment and facilities
			Energy efficiency of farming/ranching practices and field operations
			LAND, LABOR, CAPITAL, MANAGEMENT, AND RISK