Effects of NRCS Conservation Practices - National

Feed Management

Manipulating and controlling the quantity and quality of available nutrients, feedstuffs, or additives fed to livestock and poultry.

Code: 592
Units: ani un

Typical Landuse:	C-Crop	F-Forest	R-Range	P-Pasture	Pr-Protected	FS-Farmstead	D-Developed	W-Water	O-Other	AL-Aso Land
					FS					

Soil Erosion	*Effect*	*Rationale*
Soil Erosion - Sheet and Rill Erosion	0	Not Applicable
Soil Erosion - Wind Erosion	0	Not Applicable
Soil Erosion - Ephemeral Gully Erosion	0	Not Applicable
Soil Erosion - Classic Gully Erosion	0	Not Applicable
Soil Erosion - Streambank, Shoreline, Water Conveyance C	0	Not Applicable
Soil Quality Degradation		
Organic Matter Depletion	0	Not Applicable
Compaction	0	Not Applicable
Subsidence	0	Not Applicable
Concentration of Salts or Other Chemicals	0	Not Applicable
Excess Water		
Excess Water - Seeps	0	Not Applicable
Excess Water - Runoff, Flooding, or Ponding	0	Not Applicable
Excess Water - Seasonal High Water Table	0	Not Applicable
Excess Water - Drifted Snow	0	Not Applicable
Insufficient Water		
Insufficient Water - Inefficient Use of Irrigation Water	0	Not Applicable
Insufficient Water - Inefficient Moisture Management	0	Not Applicable
Water Quality Degradation		
Pesticides in Surface Water	0	Not Applicable
Pesticides in Groundwater	0	Not Applicable
Nutrients in Surface water	2	Reducing the amount of nutrients excreted in manure can reduce the potential for over-application of nutrients on land which the manure is applied, thus reducing the potential for loss to surface waters.
Nutrients in Groundwater	2	The action reduces the amount of nutrients excreted in manure which reduces the potential for over-application on the land.
Salts in Surface Water	1	Certain feedstuffs lead to high salt levels in manure
Salts in Groundwater	0	Not Applicable
Excess Pathogens and Chemicals from Manure, Bio-solic	1	Certain additives can be fed that reduce pathogens in manure.
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Excessive Sediment in Surface Water	**0**	**Not Applicable**
Elevated Water Temperature	**0**	**Not Applicable**
Petroleum, Heavy Metals and Other Pollutants Transporte	**0**	**Not Applicable**
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Air Quality Impacts		
Emissions of Particulate Matter (PM) and PM Precursors	**4**	**Changing form of feed can reduce dust level. Better nitrogen management in feed can greatly reduce emissions of ammonia.**
Emissions of Ozone Precursors	**1**	**Feed management can reduce VOC emissions. Better nitrogen management can reduce nitrogen excretion, resulting in lower potential for emissions of oxides of nitrogen.**
Emissions of Greenhouse Gases (GHGs)	**4**	**Feed management can reduce nitrogen excretion, resulting in lower potential for nitrous oxide emissions. Feed management in ruminants can also reduce methane emissions.**
Objectionable Odors	**4**	**Feed management can reduce VOC emissions. Better nitrogen and sulfur management can result in lower ammonia and hydrogen sulfide emissions.**
Degraded Plant Condition		
Undesirable Plant Productivity and Health	**0**	**Not Applicable**
Inadequate Structure and Composition	**0**	**Not Applicable**
Excessive Plant Pest Pressure	**0**	**Not Applicable**
Wildfire Hazard, Excessive Biomass Accumulation	**0**	**Not Applicable**
Fish and Wildlife - Inadequate Habitat		
Inadequate Habitat - Food	**0**	**Not Applicable**
Inadequate Habitat - Cover/Shelter	**0**	**Not Applicable**
Inadequate Habitat - Water	**0**	**Not Applicable**
Inadequate Habitat - Habitat Continuity (Space)	**0**	**Not Applicable**
Livestock Production Limitation		
Inadequate Feed and Forage	**5**	**Feed and forage are in balance to ensure nutritional requirements of livestock.**
Inadequate Shelter	**0**	**Not Applicable**
Inadequate Water	**0**	**Not Applicable**
Inefficient Energy Use		
Equipment and Facilities	**0**	**Not Applicable**
Farming/Ranching Practices and Field Operations	**1**	**Improves diet, reduces manure excretion. Reduces energy needed to transport and utilize manure.**

CPPE Practice Effects:	
5 Substantial Improvement	***0 No Effect***
4 Moderate to Substantial Improvement	***-1 Slight Worsening***
3 Moderate Improvement	***-2 Slight to Moderate Worsening***
2 Slight to Moderate Improvement	***-3 Moderate Worsening***
1 Slight Improvement	***-4 Moderate to Substantial Worsening***
	-5 Substantial Worsening