

## Effects of NRCS Conservation Practices - National

### Fence

A constructed barrier to animals or people.

Code: 382  
Units: ft.

AL-Field  
C-Other  
D-Developed  
F-Forces  
F-Forests  
P-Production  
P-Protected  
R-Rangelands  
W-Water

Typical Landuse: C F R P P P F S D W O AL

|  | <u>Effect</u> | <u>Rationale</u>  |
|--|---------------|---|
| <b>Soil Erosion</b>                                      |               |   |
| Soil Erosion - Sheet and Rill Erosion                    | 1             | Barriers reduce the excessive disturbance of soil and vegetation by facilitating the effective control of timing, frequency, duration and intensity of use of an area by animals or people.   |
| Soil Erosion - Wind Erosion                              | 0             | Barriers reduce the excessive disturbance of soil and vegetation by facilitating the effective control of timing, frequency, duration and intensity of use of an area by animals or people.   |
| Soil Erosion - Ephemeral Gully Erosion                   | 0             | Barriers reduce the excessive disturbance of soil and vegetation by facilitating the effective control of timing, frequency, duration and intensity of use of an area by animals or people.   |
| Soil Erosion - Classic Gully Erosion                     | 0             | Barriers reduce the excessive disturbance of soil and vegetation by facilitating the effective control of timing, frequency, duration and intensity of use of an area by animals or people.   |
| Soil Erosion - Streambank, Shoreline, Water Conveyance   | 0             | Barriers reduce the excessive disturbance of soil and vegetation by facilitating the effective control of timing, frequency, duration and intensity of use of an area by animals or people. This promotes vegetative growth and streambank stabilization. |
| <b>Soil Quality Degradation</b>                          |               |   |
| Organic Matter Depletion                                 | 0             | Not applicable.   |
| Compaction   | 1             | Not applicable.   |
| Subsidence   | 0             | Not applicable.   |
| Concentration of Salts or Other Chemicals                | 0             | Not applicable.   |
| <b>Excess Water</b>                                      |               |   |
| 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.   |
| <b>Insufficient Water</b>                                |               |   |
| Insufficient Water - Inefficient Use of Irrigation Water | 0             | Not Applicable  |
| Insufficient Water - Inefficient Moisture Management     | 0             | Not applicable.   |
| <b>Water Quality Degradation</b>                         |               |   |
| Pesticides in Surface Water                              | 0             | Not Applicable  |
| Pesticides in Groundwater                                | 0             | Not Applicable  |
| Nutrients in Surface water                               | 0             | Not applicable.   |
| Nutrients in Groundwater                                 | 0             | Not applicable.   |
| Salts in Surface Water                                   | 0             | Not Applicable  |
| Salts in Groundwater                                     | 0             | Not applicable.   |
| Excess Pathogens and Chemicals from Manure, Bio-so       | 2             | Control access of animals and/or people to stream areas.  |
| Excess Pathogens and Chemicals from Manure, Bio-so       | 0             | Not Applicable  |
| Excessive Sediment in Surface Water                      | 0             | Not applicable.   |
| Elevated Water Temperature                               | 0             | Not Applicable  |
| Petroleum, Heavy Metals and Other Pollutants Transpo     | 0             | Not applicable.   |
| Petroleum, Heavy Metals and Other Pollutants Transpo     | 0             | Not Applicable  |
| <b>Air Quality Impacts</b>                               |               |   |
| Emissions of Particulate Matter (PM) and PM Precursors   | 0             | Not Applicable  |
| Emissions of Ozone Precursors                            | 0             | Not Applicable  |
| Emissions of Greenhouse Gases (GHGs)                     | 1             | Fencing can be used to protect and/or improve vegetation.   |
| Objectionable Odors                                      | 0             | Not Applicable  |
| <b>Degraded Plant Condition</b>                          |               |   |
| Undesirable Plant Productivity and Health                | 2             | Control of animals facilitates grazing management enhancing health and vigor of desired plant communities.  |
| Inadequate Structure and Composition                     | 0             | Control of animals facilitates grazing management which encourages growth of plants that are adapted and suitable for the site.   |
| Excessive Plant Pest Pressure                            | 0             | Not applicable.   |
| Wildfire Hazard, Excessive Biomass Accumulation          | 0             | Not Applicable  |
| <b>Fish and Wildlife - Inadequate Habitat</b>            |               |   |
| Inadequate Habitat - Food                                | 0             | Not Applicable  |
| Inadequate Habitat - Cover/Shelter                       | 0             | Not Applicable  |
| Inadequate Habitat - Water                               | 1             | Not Applicable  |
| Inadequate Habitat - Habitat Continuity (Space)          | 0             | Species dependent.  |
| <b>Livestock Production Limitation</b>                   |               |   |
| Inadequate Feed and Forage                               | 3             | Control of animals influences vigor and health of vegetation.   |
| Inadequate Shelter                                       | 0             | Not applicable.   |
| Inadequate Water   | 0             | Not Applicable  |
| <b>Inefficient Energy Use</b>                            |               |   |
| Equipment and Facilities                                 | 0             | Not Applicable  |
| Farming/Ranching Practices and Field Operations          | 0             | Not Applicable  |

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| 5 Substantial Improvement             | -1 Slight Worsening                  |
| 4 Moderate to Substantial Improvement | -2 Slight to Moderate Worsening      |
| 3 Moderate Improvement                | -3 Moderate Worsening                |
| 2 Slight to Moderate Improvement      | -4 Moderate to Substantial Worsening |
| 1 Slight Improvement                  | -5 Substantial Worsening             |

Source: National Conservation Practices Physical Effects  
Hal Gordon, WNTSC Economist, Portland, Oregon  
May-13