

Gasconade County Resource Concern Spotlight Sheet/Rill & Gully Erosion

*Gasconade County Maximum is \$20,000 per year/per landowner.
Erosion must be above the tolerable (T) level.*

DSL-1, Permanent Vegetative Establishment (Grass Seeding) - Assistance is authorized for lime and fertilizer, eligible seed, seeding operation and seedbed prep. Conventional tillage or the no-till method may be used for establishment. Soil Tests are required. Maintenance Agreement – 5 years. **Signup period: Spring – August 15 – January 15, Fall – April 15 – July 15.**

DSL-2, Permanent Vegetative Enhancement (Legume Overseeding) – Assistance for seeding of legumes into permanent vegetation and for lime, phosphate and potash, and chemicals necessary to establish the legumes. **Lime is required 6 months in advance of a dormant legume seeding.** The legumes may be applied as a dormant seeding or drilled in the spring. Soil Tests are required. These fields must be able to show rest periods from grazing. Maintenance Agreement – 5 years. **Signup period: March 15 – June 15**

DSL-4/44, DSL-44, Terrace System – Assistance necessary for establishing terrace systems with or without tile is provided. Cost-share is allowed to convert an old system to a new system, if the present system is not serving its intended conservation purpose. Maintenance Agreement – 10 years.

DSL-5, Diversion – Assistance for diversions, ditches, dikes, or subsurface drains where necessary for the proper function of the diversion. Maintenance Agreement – 10 years.

DSL-11, Permanent Vegetative Cover on Critical Areas – This practice is used to stabilize critical areas such as gullies, banks, roadsides, field borders, and similar problems areas on farms. Assistance for measures needed to stabilize a source of sediment, such as grading and shaping, the establishment of grasses, including lime and fertilizer, mulching, trees or shrubs, or fencing to exclude livestock from new plantings. Maintenance Agreement – 5 years.

DSL-111, Permanent Vegetative Cover on Confined Animal Feed Lots – This practice receives the same assistance as a Critical Area Treatment. It is used to address erosion problems associated with animal confinement areas, feedlots, hog pens, and other areas where livestock have been confined or allowed continuous access. The following requirements apply: Cost-share is limited to 5 acres per farm. The maximum cost-share is \$500 per acre not to exceed \$2500. Maintenance Agreement – 10 years.

DWC-1, Water Impoundment Reservoir – \$20,000 maximum. This practice is to control active gully erosion and to provide water for agriculture uses and/or fire protection. Water Impoundment Reservoir practices must provide water source for livestock/crops as well as meeting erosion factor. They may not be constructed in heavily wooded areas or close to a residential facility. If some trees must be cleared, due to the bat population in our county, we are unable to construct a structure between March and October 31st. A watering system and fencing are required. Maintenance Agreement – 10 years.

DWP-1, Sediment Retention Erosion or Water Control Structures – Structures such as erosion control dams (dry holes), de-silting reservoirs, sediment basins, debris basins, washcobs, or similar structures. Maintenance Agreement – 10 years.

DWP-3, Sod Waterways – To establish waterways through site prep and establishing permanent non-woody vegetative cover. Establishment of berms and berm removal are a component of this practice. Maintenance Agreement – 10 years.

N-340, Cover Crop – Provide operators an incentive to encourage the adoption of cover crops for reducing soil erosion, improving water quality and soil health. Applies to cropland acres where row crops are grown and soil erosion needs to be prevented or water quality and soil health improved. Acres must currently be in a minimum of 2 species production crop rotation. Cover crops must be no-tilled or broadcast seeded within the set time frame. The Production crop following the cover crops must be planted using a no-till system. The cover crop seeding must be planned with a minimum of 25% cool-season annual grass, small grain component or warm season grass. Payment of \$30 per acre for a 1 – 2 species planting or \$40 per acre for 3 or more species. There is a lifetime maximum of \$20,000 per operator. **Signup Period: May 15 – September 15**

