

Water Quality Enhancement Activity – WQL23 – Protection of sensitive areas on winter grazing land



Enhancement Description

This enhancement is for the protection of riparian and other identified sensitive areas that are susceptible to degradation when used for wind protection by livestock.

Land Use Applicability

Pastureland and rangeland

Benefits

Properly placing a wind shelter (away from riparian and sensitive areas) protects livestock

from the weather, while protecting water resources from degradation that results when livestock concentrate in an area. Alternative wind shelters minimize adverse impacts around riparian areas that offer natural protection by reducing the potential to concentrate nutrients around water sources, and reducing bank disturbance, soil compaction and excessive trampling of riparian or sensitive area vegetation. The proper placement of these alternative shelters results in improvements to water quality and animal health.

Criteria

1. Producers are required to use one type of alternative shelter to provide livestock with protection from wind
2. Alternative shelter design criteria and placement must follow state Land Grant University guidelines or NRCS design criteria
3. Fabricated shelter designs will meet the need of the entire herd
4. Supplemental feeding or mineral supplements will not be permitted within ¼ mile (1,320 ft) of riparian areas, water courses or water bodies

Documentation Requirements

1. A map showing the planned location(s) of fabricated shelter(s) in each pasture
2. An approved fabricated shelter design
3. Photographs showing shelters in the field

Indiana CSP Enhancement Supplemental Information

WQL23 – Protection of Sensitive Areas on Winter Grazing Land:

Sensitive area includes wooded area being used as wind shelter and that is one or more of the following:

- Riparian area along stream or other open water
- Managed for quality timber
- Contains wetland, high water table or frequently flooded area

Alternative wind shelters include:

- Round or large square bales, single row or stacked
- Living barns- evergreen shelter/windbreaks (minimum 4-ft height)
- Fabricated shelter (wood walls or other accepted Purdue or Midwest Plan Service or equivalent design)