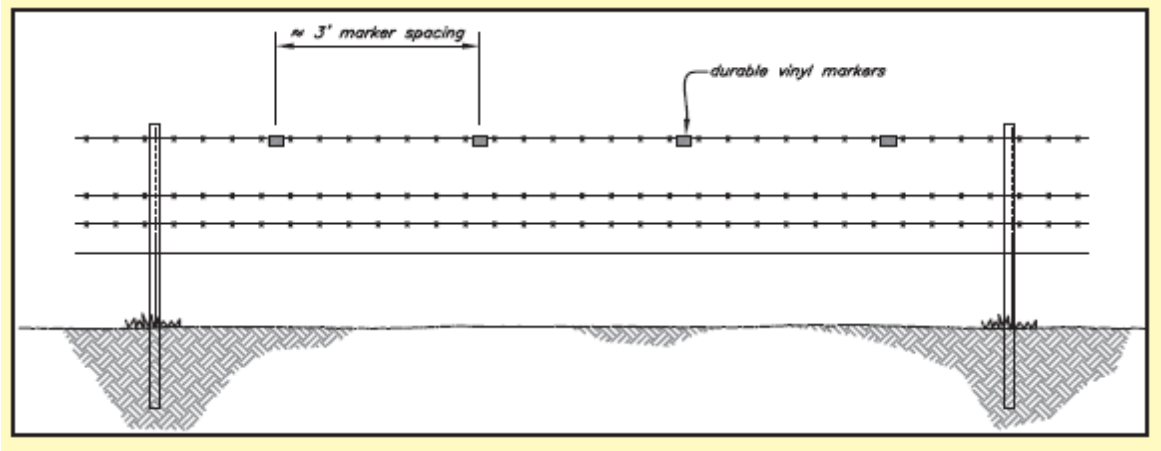
Example: Fence Marker Construction and Installation Guide

(U. S. Dept. of Agriculture, Natural Resource Conservation Service, Modified by the BLM)



[NOTE: This diagram displays the proper placement of the fence markers. For an "exclosure" fencing design, refer to the BLM/FS Oil and Gas Gold Book - Exclosure Fence Illustrations, Figure 1.]

Materials

Vinyl under-sill trim strips – White (12 ft each) [BLM – Increase visibility with snow covered backgrounds by alternating white and black markers.]

- *manufactured for house siding by Georgia-Pacific*
- *12 ft strip yields 48 markers*

Reflective tape [BLM – Optional]

- *all-weather foil tape; 1.5 - 2 inch width*

Tools

Miter saw *(use blade for vinyl siding or at least 200-tooth blade)*
Tin snips
Scissors
Safety glasses
Dust mask
Gloves

Construction

1. Layout undersill strips with "lip" facing down. Apply reflective tape [BLM – Optional] to flat side of strip.

2. Cut undersill strips into 3-inch pieces using miter saw (tin snips work for smaller projects).

> **Tips**: Multiple under-sill strips can be stacked and cut at once to expedite production. Markers will need to fit between barbs on wire fences, so it is recommended that barb spacing on the planned fence be taken into consideration. If the barb spacing on planned fence is unknown, cut a variety of marker lengths between 2-3 inches to allow for varying barb spacing.

Installation

Snap markers on top wires between barbs at approximately 3-foot intervals as shown above. If reflective tape is used, alternate every other marker so that reflective side shows on each side of the fence.

Non-Reflective Markers

Alternate dark and white-colored markers every 3 feet.

References

Christiansen, Tom. 2009. Fence Marking to Reduce Greater Sage-grouse (Centrocercus urophasianus) Collisions and Mortality near Farson, Wyoming – Summary of Interim Results. Unpublished Report. Wyoming Game and Fish Department.

Stevens, B. S., K. P. Reese, and J. W. Connelly. 2010. Impacts of Fences on Greater Sage-grouse in Idaho: Collision, Mitigation, and Spatial Ecology. Thesis Research Progress Report. Unpublished.

Sutton Avian Research Center. Fence Marking for Lesser Prairie-Chickens: A cooperative conservation solution. http://www.suttoncenter.org/pages/fence_marking_instructions.