

Arkansas Grazing Lands

Technical Note 2.1

Determining Degree of Change in the Direction of Fence

December 1st 2013

Introduction

The intent of this technical note is to provide guidance to field office staff on how to determine the degree of change of direction for a fence. The Arkansas NRCS fence specification states that any change of direction of 20 degrees or more will require a double H brace corner assembly. The greater the change in direction results in an increased tension of the post that is supporting the change. Twenty degrees of change or greater is the threshold that Arkansas NRCS has placed on whether a double H brace assembly is required for increased stability.

The goal in providing guidance within this technical note is that field office staff may provide additional technical assistance to customers in implementing their fence to specification. The guidance provided below is to determine the degree of change of a fence and not how to determine the change in slope.

Instructions

First, measure 8 feet from the start of the directional change. The measurement should not be taken in the direction of change but in the direction as if no change in direction would occur. At 8 feet from the start of directional change (the location of star on the diagram), stop and turn toward the direction that the fence will be installed. At approximately 35 inches from that point will be 20 degrees in change.

