

Protective Fence

1. Barbed wire: Double-strand galvanized 12.5-gauge with 14-gauge barbs or 15.5-gauge high-tensile strength with 16.5-gauge barbs. Barbs spaced every four to six inches.
2. Woven wire: 26-34-inch high netting. 11-gauge top and bottom wires. 14.5-gauge intermediate and stay wires. Galvanized or aluminum coated. 6" x 6" or 6" x 12" mesh.
3. Line posts: Wood line posts shall be 4-inch diameter, 6.5 feet long, seated 2.5 feet deep. Decay susceptible wood must be treated for below ground application. Steel line posts shall be a minimum of 6 feet and 1.25 lbs./ft. exclusive of the anchor plate. Anchor plate must be firmly attached. Every third post will be wood.
4. Line post spacing: Maximum line post spacing shall be 16 feet.
5. Clips or 12-gauge galvanized wire will be used for fastening barbed wire to steel posts. 9-gauge x 1.5-inch staples will be used for fastening barbed wire to wood posts.
6. Wire spacing: Barbed-wire fence will have a minimum of four wires with top wire attached no less than 42 inches above the ground. Lower wires will be spaced at the discretion of the operator. Woven wire fence will have at least one barbed wire attached about three inches above the top of the woven wire. The bottom wire of the woven-wire netting will be attached to the posts within two inches of the ground.
7. Brace: 4"x 4" x 8' treated lumber, 4" diameter x 8' treated wood post or 2 3/8" x 8' galvanized pipe with a wall thickness of .125".
8. Brace wire: Double-strand, 12.5-gauge or single-strand 9-gauge. Must be galvanized.
9. In-line brace assemblies will be spaced at intervals no greater than 825 feet on level terrain.
10. Diagonal braces may be substituted for H-style braces. See SD Conservation Job Sheet 382-4.
11. Corner, gate, and in-line brace posts: decay-resistant or treated wood; 5" x 7', seated at least 3 feet deep.
12. Wires will be double-wrapped and stapled at all corners, in-line brace assemblies, and gate posts.

Construction

