

**Horizontal Brace Post: Shall Be At A Minimum A 3 Inch Diameter Post
A Minimum Of 6 ½ Feet Long And A Maximum Of 10 Feet Long**

**Horizontal Brace members shall be
attached to the upper 1/3 of the Anchor
Post and the Post to be Braced.**

Direction Of Tension

**Height From
Top Of Post
To Ground
Equals 4 Feet**

.75 Height

A *Tension Member* consisting of 2 complete loops of 9 gage smooth single strand or 12 1/2 double strand wire. The loops shall extend from a point approximately 4 to 6 inches above the top of the brace member to a point approx. 2 to 4 inches above ground level of the post being braced. The loops of wire shall be twisted to secure the brace and provide rigidity to the brace assembly.

The average distance between barbs shall not exceed the following criteria:

- A Two (2) point barbs four (4) inches,
- B Four point barbs - five (5) inches.

Notch Post and Screw, Nail, or Pin Brace Post

Anchor horizontal brace member to brace posts with minimum 3/8" galvanized pin or spike driven through post at least 4-inches.

Round wood posts shall be notched to provide a flat surface to meet the brace member. The notch shall be 1/2 to 1 inch deep.



Minimum 5 ½ Inch Diameter Anchor Post

Top 12 ½ Gage Wire Shall Be 2 Inches Below Top Of Post. Variance For Top Wire Height Shall Not Exceed One (1") Inch.

2"

Double Wrapped Tension Member

Use 1 ½ inch long, galvanized staples.

All wooden posts, plank and brace materials shall be preservative pressure treated (PPT) with chromated copper arsenate (CCA-Type A, B or C)



Minimum 5 1/2 Inch Diameter Anchor Post for H and HH Braces

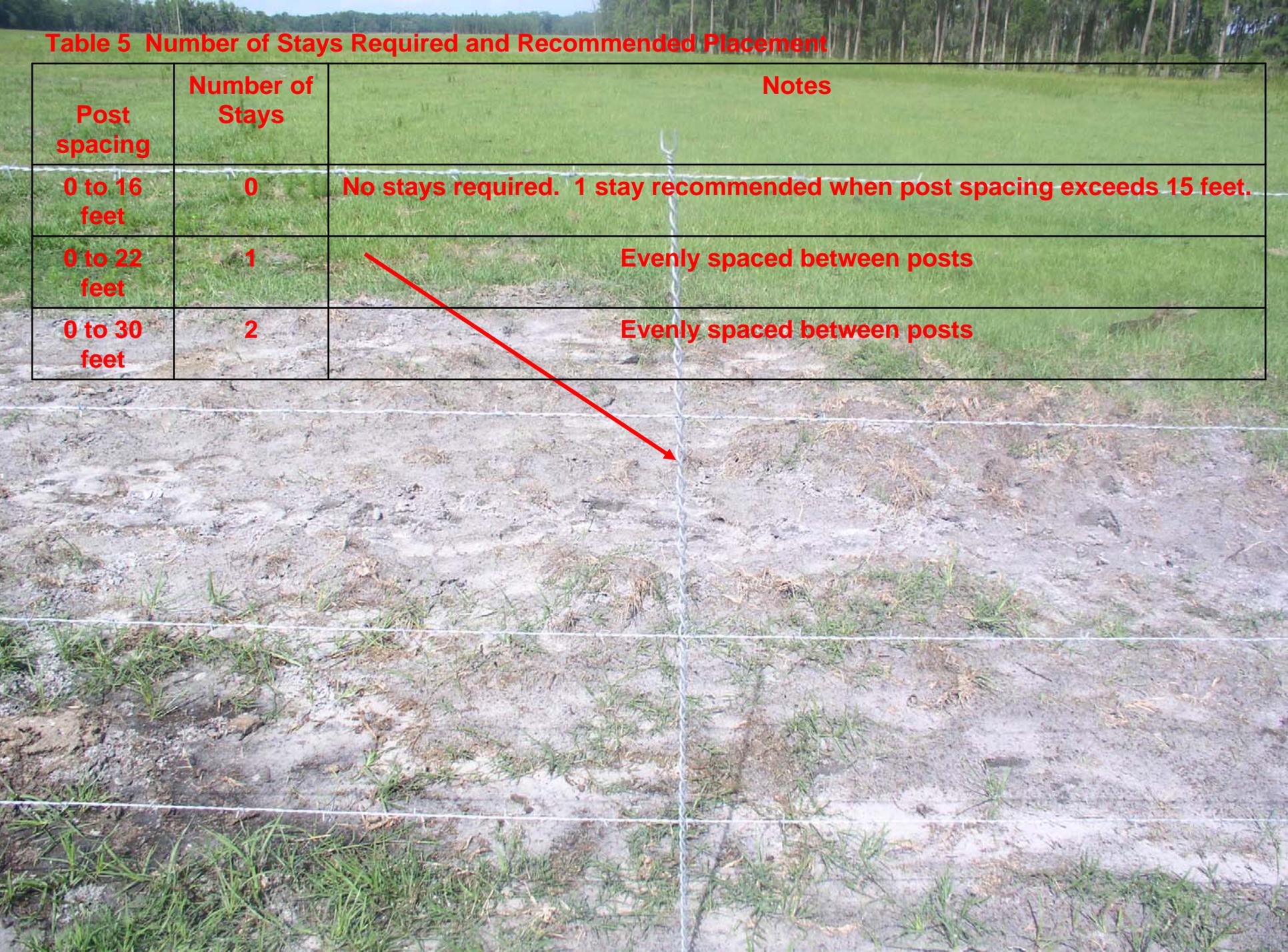


Table 4 Post and Wire Spacing

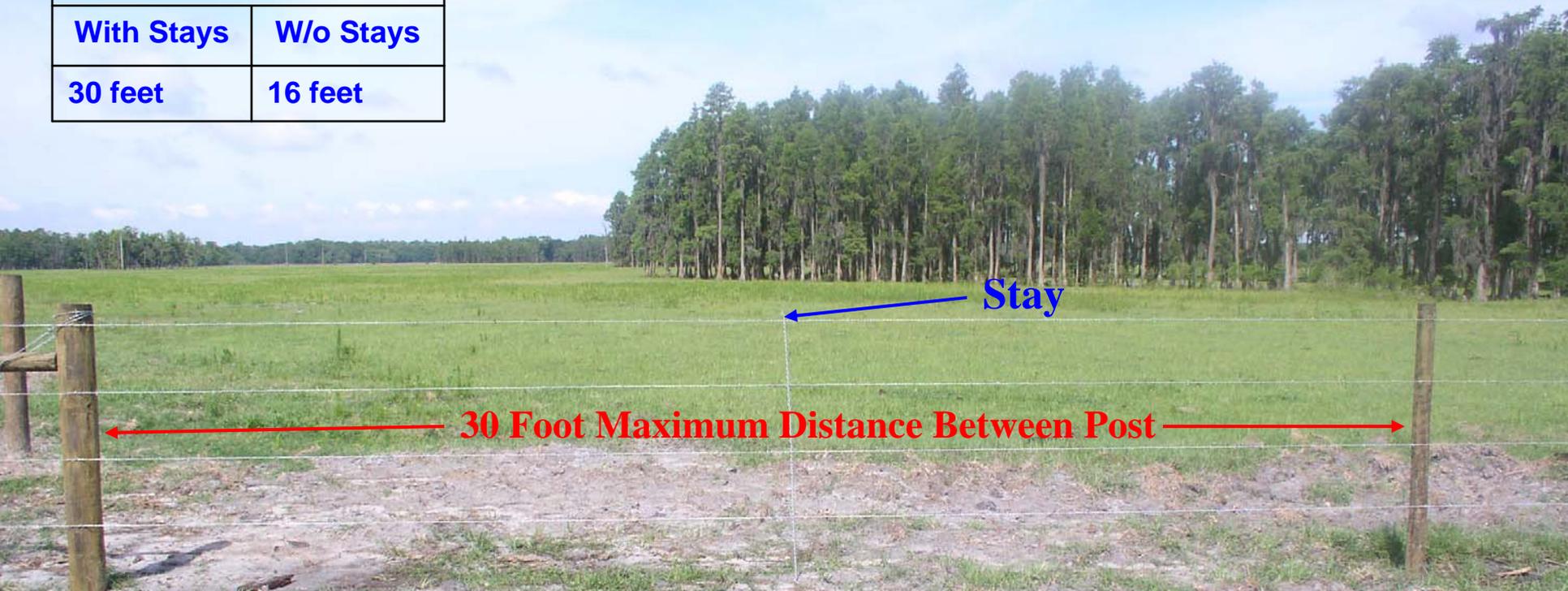
Animal to Control	Type of Fence	Maximum Post Spacing (feet)		Recommended wire placement (inches from ground)
		With Stays	W/o Stays	
Cattle	Barbed wire 4 strand	30 feet	16 feet	16, 26, 36, 46

Table 5 Number of Stays Required and Recommended Placement

Post spacing	Number of Stays	Notes
0 to 16 feet	0	No stays required. 1 stay recommended when post spacing exceeds 15 feet.
0 to 22 feet	1	Evenly spaced between posts
0 to 30 feet	2	Evenly spaced between posts



Maximum Post Spacing (feet)	
With Stays	W/o Stays
30 feet	16 feet



Stays shall be used in all permanent, barbed and smooth wire fences when the distance between posts exceeds 16 feet. Stay placement and material shall meet the criteria in Table FL5. Stays shall be installed so they swing free of the ground and allow the fence to sway when touched by animals.

All stays shall be constructed of durable material especially prepared for this purpose. . Wooden stays may be used providing they have a minimum diameter of 1-½ inches. All wire stays shall be constructed of galvanized material.

**Barbed Wire 5 strand Recommended wire placement
(inches from ground)**

6, 16, 26, 36, 46

**Barbed Wire 4 strand Recommended wire placement
(inches from ground)**

16, 26, 36, 46

**Barbed Wire 3 strand Recommended wire placement
(inches from ground)**

16, 26, 38

10 Inches

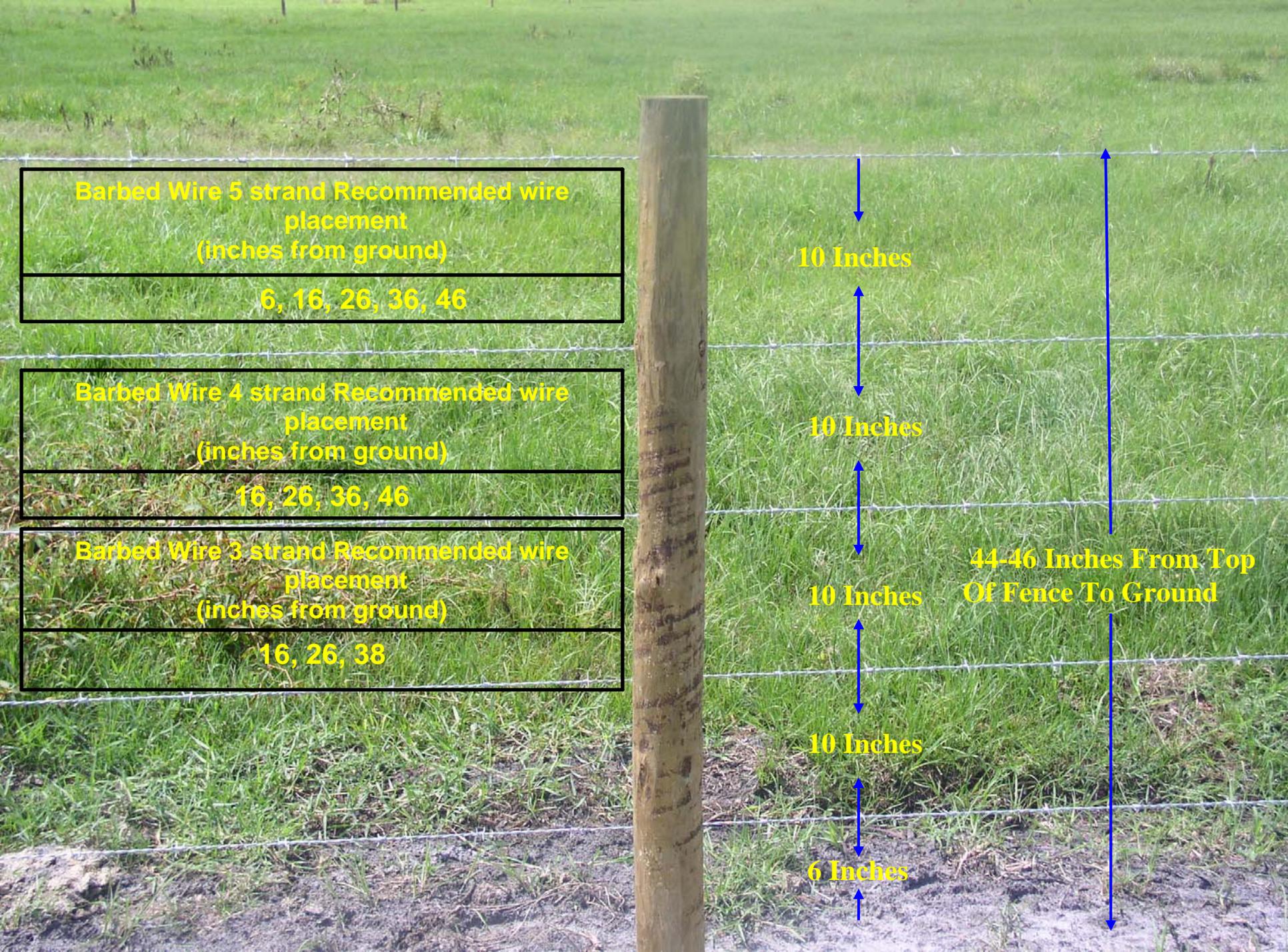
10 Inches

10 Inches

10 Inches

6 Inches

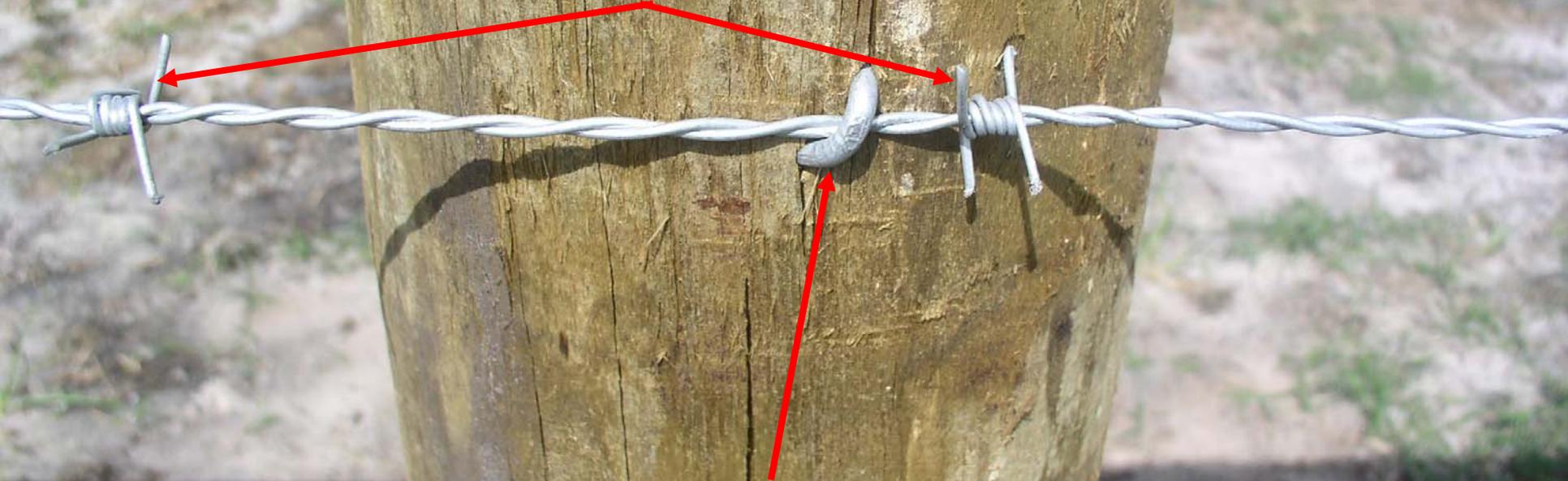
**44-46 Inches From Top
Of Fence To Ground**



The Average Distance Between Barbs Shall Not Exceed The Following Criteria:

A. Two (2) Point Barbs Four (4) Inches,

D. Four Point Barbs - Five (5) Inches.



**Use 1 ½ Inch Long,
Galvanized Staples.**

From Table 2		Wood and Synthetic Posts
Member	Top Diameter Inches	Minimum Length Feet *
Line Post	3	6 ½



*No Stay Required If Distance
Between Posts Is 16 Feet Or Less*

From Table 3 Minimum Post Installation Depth for Various Soil Types

Post Types	Sandy/Loamy Soil Inches	Muck Soil Inches	Rocky Soil Inches
Corner Post	42	48	42
End Post	42	48	42
Gate Post	42	48	42
Brace Post	42	48	42
Line Post	24	42	18

**Example: Line
Post 78" Long
In Sandy Soil**

**54 Inches
Above
Ground**

**Minimum
24 Inches
In Ground**

In Ground

Table 2 Criteria for Selecting and Installing Post and Brace Material for Wire Fence

Wood and Synthetic Posts and Brace Members

Member	Top Diameter inches	Minimum Length Feet *
Corner Post	5 ½	8
End Post	5 ½	8
Gate Post	5 ½	8
Brace Post	5 ½	8
Line Post	3	6 ½
Horizontal Brace Member	3	6 ½