

Fill this in at the calculator online, or work it by hand in the field with the formulas below. Estimates only — verify measurements and confirm SKU roll lengths / pricing with your supplier before ordering.

1. Your layout

Layout method (circle one):

☐ Total fence length ☐ Rectangle (L × W)

Total length, if known (ft)

Rectangle length (ft)

Rectangle width (ft)

Corner posts (ea)

Line post spacing (ft)

Fence type (circle one):

☐ Barbed (1320 ft/roll) ☐ High-tensile (4000 ft/roll) ☐ Field/mesh (330 ft/roll)

Strands (barbed / HT only)

Roll length, if different (ft)

Gates (#)

Gate width (ft)

Post cost / roll cost (optional \$)

2. Formulas

Perimeter (rectangle) = $2 \times (L + W)$

Gate openings = gates × gate width Effective wire run = total length – gate openings

Line posts = $\text{ceil}(\text{effective run} \div \text{post spacing})$ Gate posts = gates × 2

Total posts = line posts + corner posts + gate posts

Wire length = effective run × (strands, or 1 for mesh) Wire rolls = $\text{ceil}(\text{wire length} \div \text{roll length})$

Materials cost (optional) = (total posts × post cost) + (rolls × roll cost)

3. Worked example

Rectangle 660 × 330 ft · 4 corners · 8 ft spacing · barbed, 4 strands · two 16 ft gates · 1,320 ft rolls

Perimeter = $2 \times (660 + 330) = 1,980 \text{ ft}$ · Gate openings = $2 \times 16 = 32 \text{ ft}$ → Effective run = **1,948 ft**

Line posts = $\text{ceil}(1,948 \div 8) = 244$ · Gate posts = 4 → Total posts = $244 + 4 + 4 = 252$

Wire length = $1,948 \times 4 = 7,792 \text{ ft}$ → Rolls = $\text{ceil}(7,792 \div 1,320) = 6 \text{ rolls}$

4. Your numbers

Total fence length	from layout above	
Gate openings	gates × width	
Effective wire run	length – gate openings	
Line posts	run ÷ spacing	
Total posts (line + corner + gate)	sum	
Wire length	run × strands	
Wire rolls needed	wire ÷ roll length	
Estimated materials cost	optional	

Notes / supplier order list