

FENCE PLANNING AND BUDGETING *Worksheet*



*Adapted from British Columbia Ministry of Agriculture,
Food and Fisheries' Fencing Factsheet July 1998*

The purpose of this worksheet is to aid in the planning steps in fence construction.
It covers site considerations, fence type and design, rights-of-way, and cost estimations for labour and materials.
Not all points will apply to every fence.

PLANNING	
PASTURE LOCATION	Pasture Name: _____ Legal Land Location: _____
FENCE PURPOSE	Primary: _____ Secondary: _____
TYPE OF ANIMAL(S)	_____
SITE INFORMATION	Topography: _____ Soil types: _____ Accessibility: _____ Watercourses: _____ Snow: _____ Vegetation: _____ Wildlife: _____ Visual impact: _____
TYPE OF FENCE	<input type="checkbox"/> Permanent <input type="checkbox"/> Temporary (moveable) <input type="checkbox"/> Boundary (legal) requirements
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Non-electric design Type of wire: _____ Number of wires: _____ Wire spacing: _____ Top wire height: _____ Bottom wire height: _____ Post spacing: _____ Dropper spacing: _____ </div> <div style="width: 45%;"> <input type="checkbox"/> Electric design Type of wire: _____ Number of wires: _____ Wire spacing: _____ Wires electrified: _____ Wires grounded: _____ Type of insulators: _____ Post spacing: _____ Dropper spacing: _____ </div> </div>
COMMENTS	_____

RIGHT-OF-WAY CONSTRUCTION		Important: Make sure to locate any underground utilities before starting construction
METHOD	<input type="checkbox"/> By hand <input type="checkbox"/> By machine	Size: _____ feet long x _____ feet wide Fence Location: _____ feet from either side of right-of-way
WOODWASTE	<input type="checkbox"/> Piled to Burn <input type="checkbox"/> Cut & left to rot	
DISTURBED GROUND	<input type="checkbox"/> Seeded <input type="checkbox"/> Left as is	
COMMENTS	_____	

SITE SKETCH

Not to Scale

Important: Include location of any underground utilities

NOTES

COMMENTS

ESTIMATING MATERIAL COSTS

NON-ELECTRIC FENCE MATERIALS		Size	Quantity	\$ Each	\$ Total
BRACE ASSEMBLY MATERIALS Posts & Rails <input type="checkbox"/> Treated <input type="checkbox"/> Pointed <input type="checkbox"/> Domed Nail Type _____ Pin Type _____ Brace Wire Type _____	END BRACE: how many? Design: <input type="text"/> Post Rail Nail or Pin				
	CORNER BRACE: how many? Design: <input type="text"/> Post Rail Nail or Pin				
	INLINE BRACE: how many? Design: <input type="text"/> Post Rail Nail or Pin				
LINE POSTS Material: if wood: <input type="checkbox"/> Treated <input type="checkbox"/> Pointed <input type="checkbox"/> Domed					
WIRE Material: (# rolls = ft. fence x # strands ÷ ft. per roll)					
STAPLES Staples: (# staples = # posts x strands ÷ # per box)					
CONNECTORS Splices - Mechanical connectors? <input type="checkbox"/> Y <input type="checkbox"/> N (# connectors = # per splice x # wire rolls x 2)					
TENSIONERS Tie-offs - Mechanical connectors? <input type="checkbox"/> Y <input type="checkbox"/> N (# connectors = # per tie-off x # tie-offs) Tensioners - used? <input type="checkbox"/> Y <input type="checkbox"/> N (# tensioners = # strands x # braced sections)					

NON-ELECTRIC FENCE MATERIALS (Continued)		Size	Quantity	\$ Each	\$ Total
Droppers	used? <input type="checkbox"/> <input type="checkbox"/> Type: (total droppers = # per panel x # line posts)				
Gates	How many: Type of gate: Size: Type of hinge: Type of latch:				
TOTAL NONELECTRIC FENCE MATERIAL COSTS \$					
ELECTRIC FENCE MATERIALS					
ENERGIZER	<input type="checkbox"/> Utility power make: model: <input type="checkbox"/> Battery power make: model: voltage: <input type="checkbox"/> Wet cell battery voltage: capacity: <input type="checkbox"/> Solar panel make: model: wattage:				
GROUNDING SYSTEM	<input type="checkbox"/> Ground rods material: <input type="checkbox"/> Ground wire material:				
INSULATORS	Line post (# insulators = # hot wires x # line posts) material: type: Tie off (# insulators = # hot wires x # brace sections x2) material: type: Offset (# insulators = # offset wires x # line posts) material: type:				
TOTAL ELECTRIC FENCE MATERIALS COSTS \$					
MATERIAL COSTS PER FOOT		Fence Length (feet)	Materials cost \$		\$/ft.

ESTIMATING LABOUR COSTS			
Labour costs vary for many reasons (terrain, accessibility, etc.) but they will typically be between one and two times the material costs.			
MATERIALS \$/ft		ESTIMATED LABOUR \$/ft	to

ESTIMATING TOTAL COSTS		
For estimating total costs, a labour cost must be selected from the range above.		
MATERIALS \$/ft	+ LABOUR \$/ft.	= TOTAL \$/ft.
FENCE LENGTH	ft. x TOTAL \$/ft.	= TOTAL \$