

# FENCE PLANNING AND ESTIMATING WORKSHEET

## PLANNING

<b>FENCE PURPOSE</b>	primary: secondary:																	
<b>TYPE OF ANIMAL(S)</b>																		
<b>SITE INFORMATION</b>	topography: soil types: accessibility: watercourses: snow: vegetation: wildlife: visual impact:																	
<b>TYPE OF FENCE</b>	<input type="checkbox"/> permanent <input type="checkbox"/> temporary (moveable) <input type="checkbox"/> boundary (legal) requirements																	
	<table border="1"><tr><td><input type="checkbox"/> non-electric design</td><td><input type="checkbox"/> electric design</td></tr><tr><td>type of wire: _____</td><td>type of wire: _____</td></tr><tr><td>number of wires: _____</td><td>number of wires: _____</td></tr><tr><td>wire spacing: _____</td><td>wire spacing: _____</td></tr><tr><td>top wire height: _____</td><td>wires electrified: _____</td></tr><tr><td>bottom wire height: _____</td><td>wires grounded: _____</td></tr><tr><td>post spacing: _____</td><td>type of insulators: _____</td></tr><tr><td>dropper spacing: _____</td><td>post spacing: _____</td></tr><tr><td></td><td>dropper spacing: _____</td></tr></table>	<input type="checkbox"/> non-electric design	<input type="checkbox"/> electric design	type of wire: _____	type of wire: _____	number of wires: _____	number of wires: _____	wire spacing: _____	wire spacing: _____	top wire height: _____	wires electrified: _____	bottom wire height: _____	wires grounded: _____	post spacing: _____	type of insulators: _____	dropper spacing: _____	post spacing: _____	
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<b>COMMENTS</b>																		

## RIGHT-OF-WAY CONSTRUCTION

<b>METHOD</b>	<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
<b>WOODWASTE</b>	<input type="checkbox"/> piled to burn <input type="checkbox"/> cut & left to rot	
<b>DISTURBED GROUND</b>	<input type="checkbox"/> seeded <input type="checkbox"/> left as is	
<b>COMMENTS</b>		

NOTES

COMMENTS

# ESTIMATING MATERIAL COSTS

	Size	Quantity	\$ Each	\$ Total
<p><b>BRACE ASSEMBLY MATERIALS</b></p> <p><b>END BRACE:</b> how many?: _____</p> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 5px 0;">Design:</div> <p style="margin-left: 150px;">post</p> <p style="margin-left: 150px;">rail</p> <p style="margin-left: 100px;">nail or pin</p> <p>posts and rails  <input type="checkbox"/> treated  <input type="checkbox"/> pointed  <input type="checkbox"/> domed</p>				
<p><b>CORNER BRACE:</b> how many?: _____</p> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 5px 0;">Design:</div> <p style="margin-left: 150px;">post</p> <p style="margin-left: 150px;">rail</p> <p style="margin-left: 100px;">nail or pin</p> <p>nail type _____  pin type _____  brace wire type _____</p>				
<p><b>INLINE BRACE:</b> how many?: _____</p> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 5px 0;">Design:</div> <p style="margin-left: 150px;">post</p> <p style="margin-left: 150px;">rail</p> <p style="margin-left: 100px;">nail or pin</p>				
<p><b>LINE POSTS</b></p> <p>material:  if wood: <input type="checkbox"/> treated <input type="checkbox"/> pointed <input type="checkbox"/> domed</p>				
<p><b>WIRE</b></p> <p>material: _____  (# rolls = ft. fence x #strands ÷ ft. per roll)</p>				
<p><b>STAPLES</b></p> <p>staples – type: _____  (# staples = # posts x #strands ÷ # per box)</p>				
<p><b>CONNECTORS</b></p> <p>splices – mechanical connectors? <input type="checkbox"/> Y <input type="checkbox"/> N  (# connectors = # per splice x # wire rolls x 2)</p>				
<p><b>TENSIONERS</b></p> <p>tie-offs – mechanical connectors? <input type="checkbox"/> Y <input type="checkbox"/> N  (# connectors = # per tie-off x # tie-offs)</p> <p>Tensioners – used? <input type="checkbox"/> Y <input type="checkbox"/> N  (# tensioners = # strands x # braced sections)</p>				

		Size	Quantity	\$ Each	\$ Total
<b>DROPPERS</b>	used? <input type="checkbox"/> Y <input type="checkbox"/> N				
	type: _____ (total droppers = # per panel x # line posts)				
<b>GATES</b>	How many: _____				
	Type of gate: _____				
	Size: _____				
	Type of hinge: _____				
	Type of latch: _____				
<b>TOTAL NONELECTRIC FENCE MATERIAL COSTS</b>				<b>\$</b>	

## ELECTRIC FENCE MATERIALS

<b>CONTROLLER</b>	<input type="checkbox"/> utility power: make: _____ model: _____				
	<input type="checkbox"/> battery powered: make: _____ model: _____ voltage: _____				
	<input type="checkbox"/> wet cell battery: voltage: _____ capacity: _____				
	<input type="checkbox"/> solar panel: make: _____ model: _____ wattage: _____				
<b>GROUNDING SYSTEM</b>	<input type="checkbox"/> Ground rods material:				
	<input type="checkbox"/> Ground wire material:				
<b>INSULATORS</b>	line post (# insulators = # hot wires x # line posts) material: _____ type: _____				
	tie off (# insulators = # hot wires x # brace sections x 2) material: _____ type: _____				
	offset (# insulators = # offset wires x # line posts) material: _____ type: _____				
<b>TOTAL ELECTRIC FENCE MATERIALS COSTS</b>		<b>\$</b>			

**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 be between one and two times the material costs. MATERIALS \$/ft. \_\_\_\_\_ EST. 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 \$** \_\_\_\_\_