LUX® ELECTRO-WELDED MESH FENCE
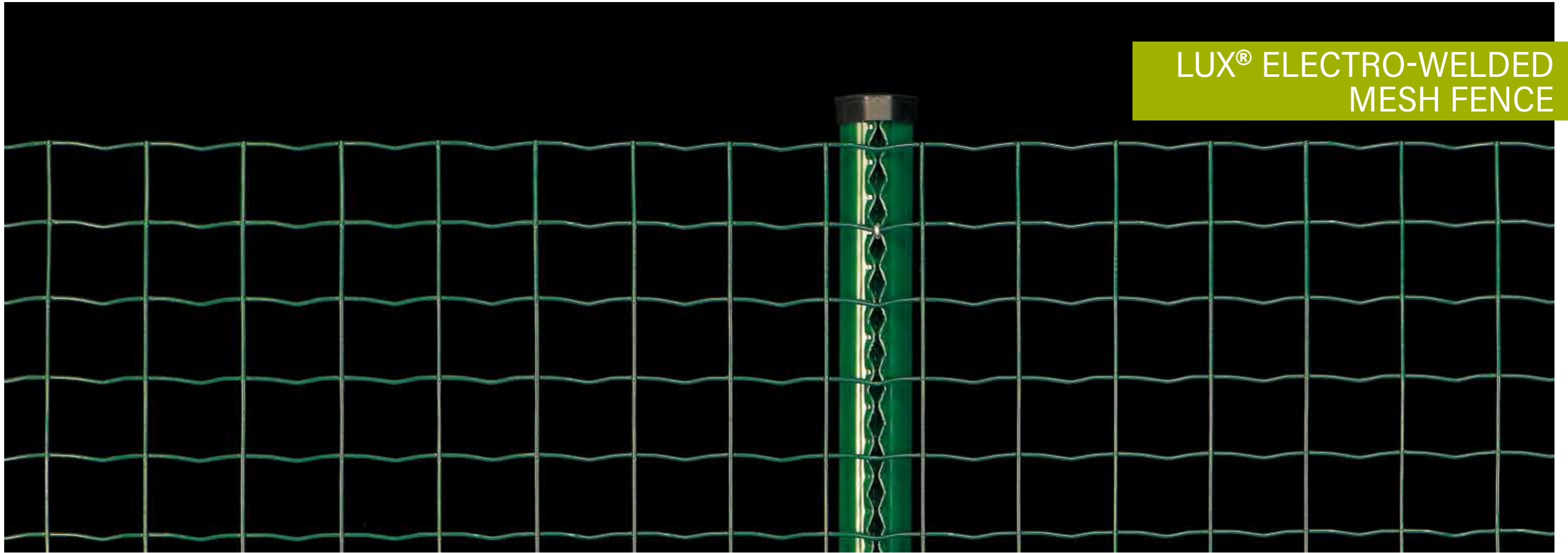
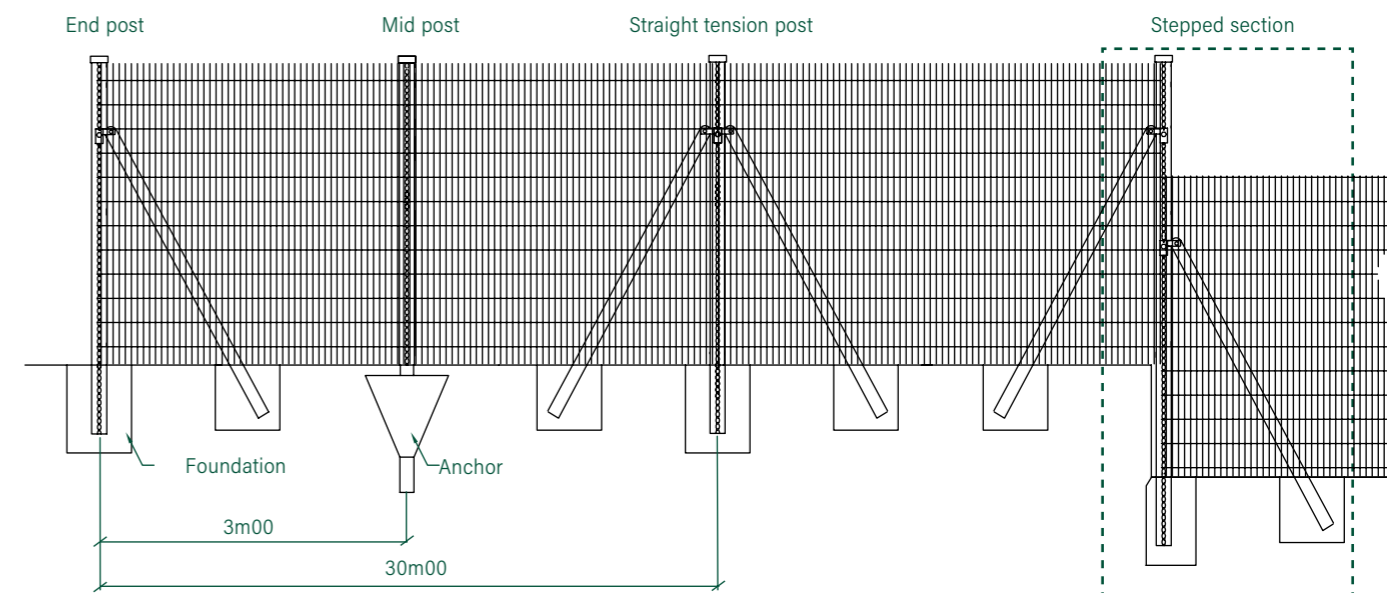## OUTSTANDING

- Long useful life
- Complete system
- Enclosure with fast and perfect installation

Application places

Institutes & schools

Swimming pools

Sport areas

Property & land

Parks & gardens

Residential houses

Assembly

End post   Mid post   Straight tension post   Stepped section

Foundation   Anchor

3m00

30m00

Technical features

POST AND ACCESORIES

- Lux 50 or Lux 80 type-post depending on heights, provided with longitudinal rack for fixing accessories and the necessary clamps to bear the tension of meshes. Low-carbon sheet, in accordance with the EN-10346 standard. Pull strength of 300 to 400 N/mm²
- Accessories coupled to the rack by anchoring screw
- Polypropylene top which is resistant to atmospheric agents

- Galvanised, reinforced wire staple, anchored vertically to the rack to prevent it from slipping lengthways
- Orthogonal and plastic-coated electro-welded mesh, manufactured with wires with a strength of 940 N/mm²
- At the upper part, the wires are closer together in order to make the mesh stiffer

FENCE HEIGHT	END POST TENSION				INTERMEDIATE POST		
	TYPE	THICKNESS	NO OF SUPPORTS	NO. OF AGRAFFES	TYPE	THICKNESS	NO. OF BRACKETS
1m00	LUX 50	1.3mm/e.m.	3	22	LUX 50	1.3mm/e.m.	4
1m00 50			4	33			5
2m00				44			

TYPE OF MESH	Ø WIRE		HEIGHT AVAILABLE	ml/ROLL	MEASUREMENTS MESH (mm)
	INTERNAL	EXTERNAL			
M.E.P. 100x50	2.00mm	2.50mm	1m00	25	100x50
			1m50		
			2m00		
M.E.P. 50x50	2.45mm	3.00mm	1m50		50x50
			2m00		

STRAIGHT SECTION

The end posts are installed at the beginning and the end of the fence, the mid posts every 3m and the tension posts every 30m of straight section. In hard or highly compacted soil the foundation may be optionally substituted by an anchoring system that is mechanically driven into the soil, the post being less than or greater than the useful height of the fence.
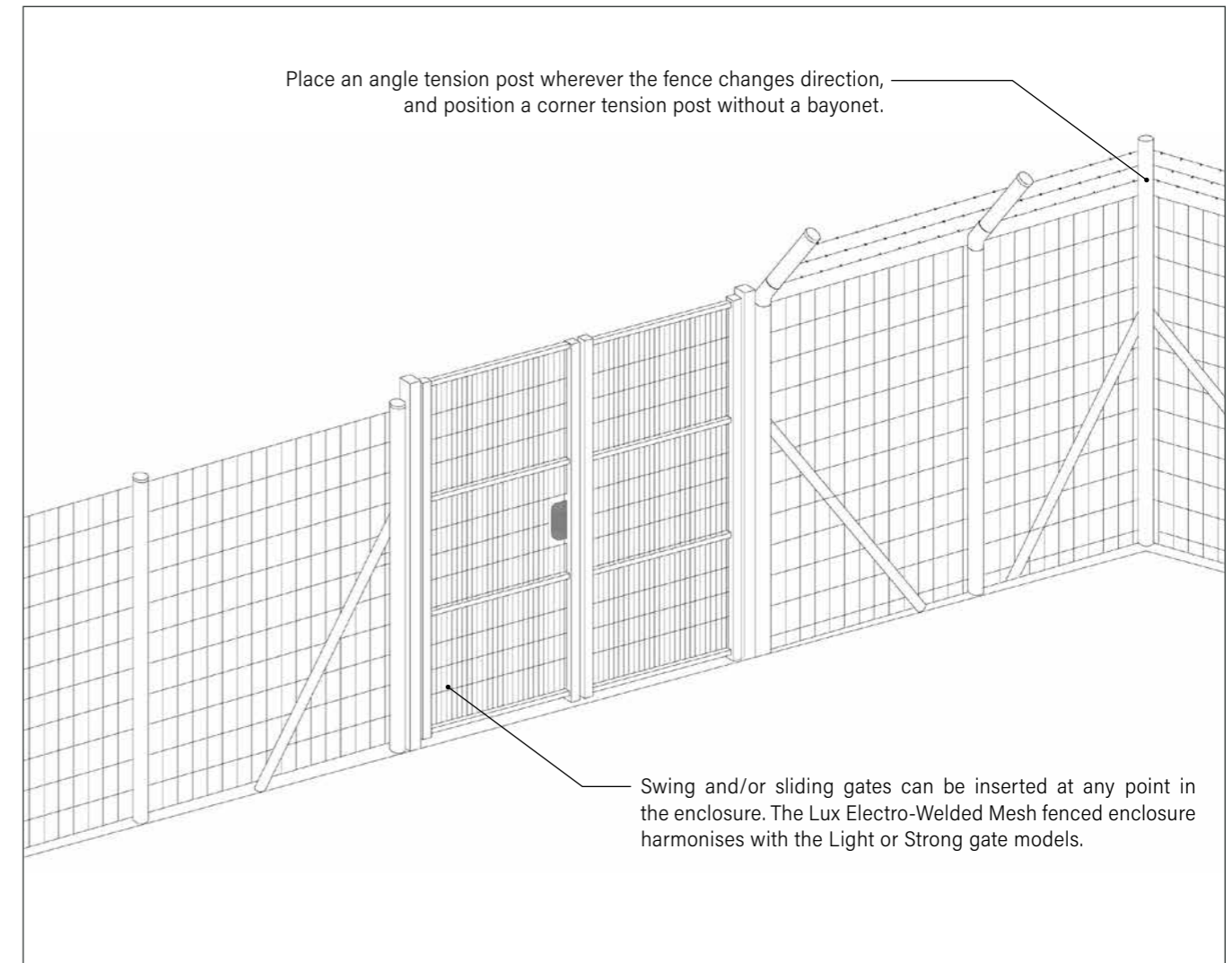
STEPPED SECTION

On the steps, install the longest post (normal length + step height) on the lower part of the fence and clamp the mesh to the upper and lower sections of the mesh. Install twice the number of brackets for the tension wires and struts on the post.

SLOPED SECTION

Wherever the fence changes direction, install an angle tension post or inside angle, as required, anchoring the struts so that they are aligned with the two directions of the mesh. On the angle post, the rack and the mesh are installed on the outside part of the fence. On the inside angle post, the rack and the mesh are installed on the inside part

Doors and bayonet extension

Place an angle tension post wherever the fence changes direction, and position a corner tension post without a bayonet.

Swing and/or sliding gates can be inserted at any point in the enclosure. The Lux Electro-Welded Mesh fenced enclosure harmonises with the Light or Strong gate models.
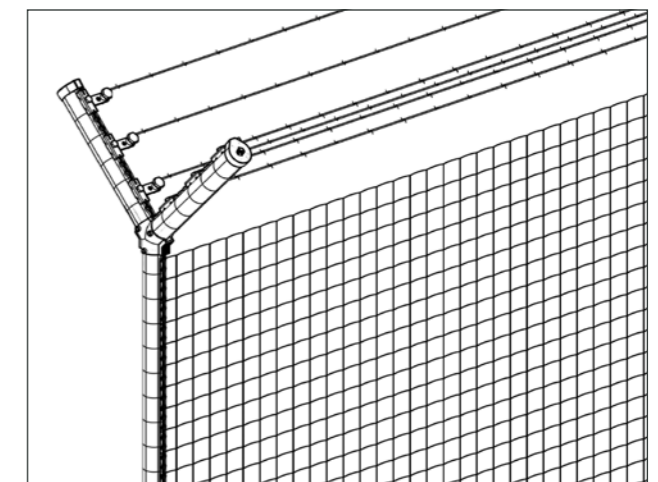
SECTION WITH BARBED WIRE BAYONET

Optional installation of barbed wire for security fences.
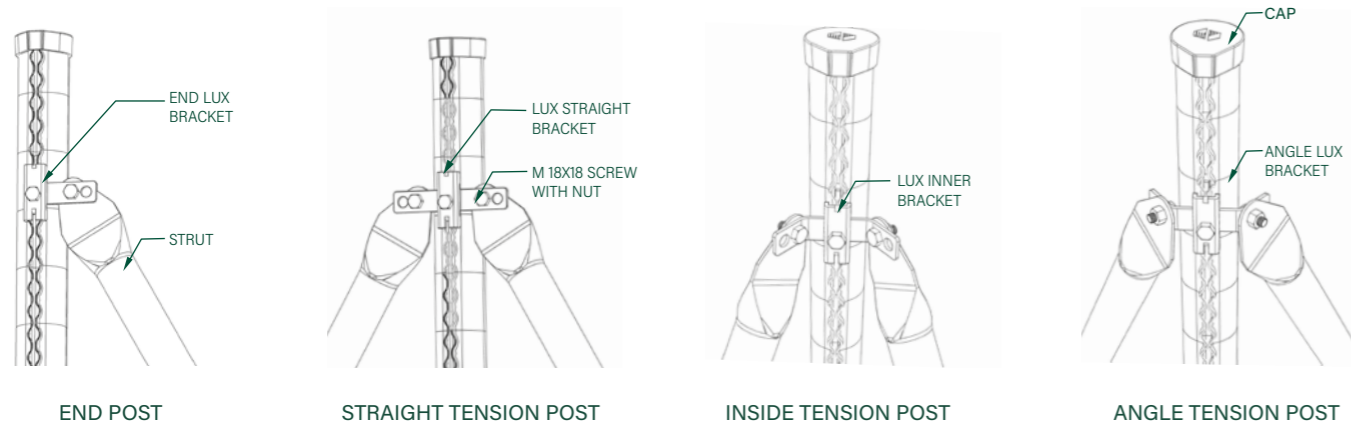Supplement with a slanted arm for installing the necessary brackets and staples for the barbed wire.

Additional single inclined extension bracket with barbed wire
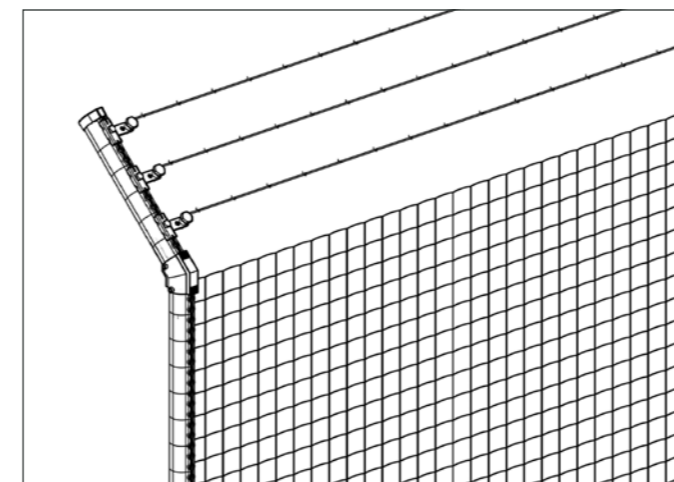
Additional double inclined extension bracket with barbed wire (only for Lux-80 tube)

LUX ELECTRO-WELDED MESH

Posts

END POST

- END LUX BRACKET
- STRUT

STRAIGHT TENSION POST

- LUX STRAIGHT BRACKET
- M 18X18 SCREW WITH NUT

INSIDE TENSION POST

- LUX INNER BRACKET

ANGLE TENSION POST

- CAP
- ANGLE LUX BRACKET

Accessories

Base plate

Plug

Staples

Stapler

Anticorrosion coating

- All the materials of the Brico-Fax system are hot-dip galvanised and plastic-coated with the Rivisa Protecline anticorrosion coating system.
- Minimum thickness: 100 microns
- Option of applying the Rivisa Protecline Plus plastic coating, which prolongs the useful life of the materials by 30%
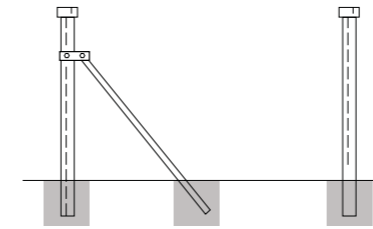- Available in several colours from the Rivisa RAL chart. Colours:

- Galvanised + coated
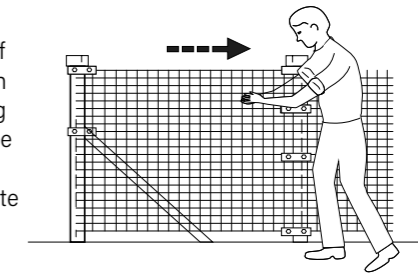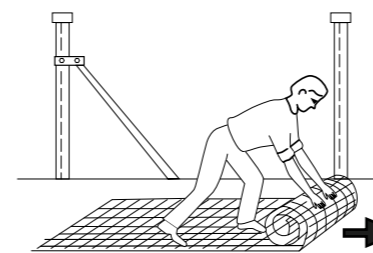- Galvanised
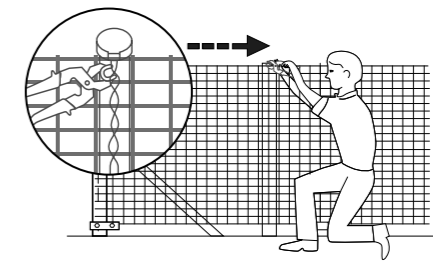- Steel

Colour

Green
RAL-6005
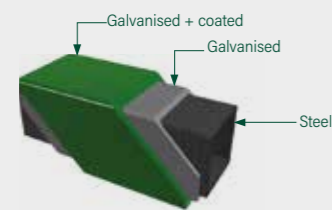
Assembly manual

1 Mark the line of the enclosure with the help of a rope. Lay the foundation posts, with the rack facing outwards, starting with the ends, the tension posts and finally the intermediate posts.
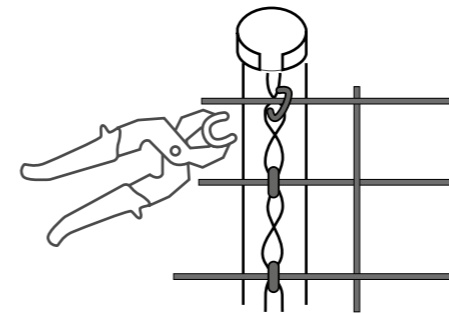

**4** Tension the wires between each pair of tension posts, starting with the bottom row.

2 Spread the mesh on the outside of the ground.

5 Tension the cables between each pair of tensioning posts, starting with the bottom row.

3 Staple the mesh to the end post by inserting the ends of the pliers with a clamp into the holes of the zip and closing to tighten. Repeat the operation.
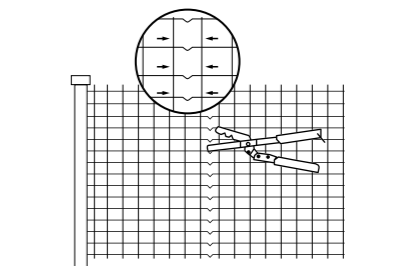
6 Stretch and tension the mesh by stapling it to the nearest tension post.

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