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## APPENDIX 9: FENCING STANDARDS

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### 9.1 Deer Farming Boundary Fence Standards

- 1 Minimum fence height above ground  
2 metres
- 2 Line wires  
All line wires fastened to inside of posts with the exception of angle posts.
- 3 Wire spacings  
Minimum of 8 wires up to 1.2 metres high, maximum of 150 mm apart.  
Minimum of 5 wires above 1.2 metres high, maximum of 250 mm apart.
- 4 Height above ground to first wire  
No greater than 75 mm.
- 5 Batten and stay wire spacings
  - Netting  
Maximum 300 mm up to 1.2 metres high. Above 1.2 metres maximum 800 mm. No hinge joint netting with stay wire spacings greater than 200 mm to be used for up to 1.2 metres in fence height.
  - Battens  
Maximum 600 mm apart (fallow);  
Maximum 800 mm apart (other deer species).
- 6 Wire gauge  
2.5 mm galvanised high tensile or wire equal to or of greater tensile strength.
- 7 Post spacings  
Maximum 5 metres.
- 8 Post sizes
  - Rounds – minimum 100 mm small end diameter;
  - Half rounds – 175 mm minimum face width;
  - Quarter rounds – 100 mm smallest face width; or
  - A post length of 2.7 metres or the operative New Zealand Deer Farmers Industry Standard, whichever is the more stringent.

- 9     Strainer posts
- Rounds - Minimum of 175 mm small end diameter; or
  - Minimum post length of 3.0 metres.
- 10    Strainer distances  
Maximum of 400 metres.
- 11    Stays  
Minimum of 120 mm small end diameter and minimum length of 2.7 metres. Tie backs and internal angle stays are acceptable.
- 12    Footings  
Responsibility of person erecting the fence to use suitable footings according to soil types and other soil conditions.
- 13    Top-up fences  
Base fence must be in a sound condition, contain minimum of 8 line wires up to 1.2 metres with maximum wire spacings no greater than listed in (3), (5) and (7) above. Every second post in the base of the fence will be a deer fence post in (8). All strainer posts will be subject to (9) and (10) above.
- 14    Gates
- Timber - minimum height of 1.9 metres. Rails minimum 100 mm x 25 mm. Three uprights (one centred) and two diagonal stays on each side of gate. Minimum of M10 bolts to be used. Rail spacings to 0.2 metres high maximum 100 mm apart. Above 1.2 maximum 150 mm apart.
  - Steel – minimum height over frame of 1.9 metres, minimum wall thickness of 3 mm. Internal diameter 25 mm. Gate covered with chain link of maximum aperture of 75mm and minimum wire gauge of 3.15 mm. Mesh should be laced with minimum 2 mm gauged wire. Hardfill under all external gates.
- 15    Gate hinges  
Hinges and gudgeons to be a minimum of 20 mm diameter. One hinge reversed or otherwise constructed to prevent the gate from being lifted off.
- 16    Gate Locks  
Must comprise a sturdy chain and padlock.
- 17    Hanging Gates  
Hung gates must butt against the full inside surface of the latching post and open inwards.

18 Flood Gates

Fences across streams and waterways shall require a floodgate that does not allow deer to pass through. Flood gates across culverted water courses shall be on the downstream side of the culvert.

19 Staples

- Post – minimum of 50 mm in length and minimum gauge of 4.0 mm.
- Batten  
Softwood - minimum of 30 mm in length and minimum gauge of 3.15 mm.  
Hardwood – minimum of 27 mm x 2.8 mm.
- Steel fasteners for concrete posts can be used.

20 Netting

No hinge joint netting with spacings greater than 200 mm. Stay wire spacings shall be used below 1.2 metres in height above ground level.

## 9.2 Goat Farming Boundary Fence Standards

1. Bulldozed line or benching or some other method, if required, to ensure that the bottom wire is no more than 70mm above ground level.
2. 9 wire post and batten fence, to be kept tight at all times, with no internal or external stays
  - minimum high tensile 2.5 mm diameter galvanized steel
  - bottom wire should be placed at 70 mm above ground level and, above that, wires placed at the following intervals – 100, 100, 100, 110, 120, 135, 150 and 165mm. The top wire should be approximately 50 mm below the top of the post.
3. Bottom wire shall be barbed wire instead of high tensile wire where the fence is situated on land subject to erosion.
4. Posts to be at the following intervals:
  - less than 30 degrees ground slope: 5 metre
  - 30 degrees to less than 45 degrees: 4 metre
  - 45 degrees or more: 3 metre
5. Battens to be at 1 metre intervals
6. All fences regularly checked and maintained to the above standards
7. Fences across streams and waterways shall require a floodgate that does not allow goats to pass through. Flood gates across culverted water courses shall be on the downstream side of the culvert.