

**Small Forest (SLIMF) calculator for reserve contribution**

For farm forestry management units, the reserve contributions can be from within whole farm area.

The requirement is to achieve 10% or equivalent of the MU in reserves or set asides.

Multipliers are set in relation to indigenous biodiversity and ecosystem protection and restoration gained through this reserve contribution.

However where requirements cannot be met within the MU, off site protection can be allowed as set out at the bottom.

The “sliding to” refers to a graduated scale that applies across the limits of the MU size.

Categories of contribution are sequential and hierarchical with the highest value from the top and first three categories the goal. The MU only goes to the next category when it cannot meet their requirement from the previous categories.

		Management Unit Size		
		1 – 40 ha MU	41 - 400ha MU	401-1000ha MU
Type of Reserve	Additional Information			
1a)Protected and managed representative indigenous ecosystems 6.4	X 1 Multiplier	10%	10%	10%
1b)Protected and managed indigenous habitat for rare, threatened or endangered species.6.2				
1c)Protected and managed indigenous riparian or wildlife corridors 10.2				
1d) Wahi Tapu and historical sites with biodiversity status.				
2a)Protection and management of rare ,or poorly represented ecosystems (<5% of the original area of that ecosystem type remains in the ED)	X 1.5 Multiplier	10%	10%	10%

2b) Protected indigenous habitat that contains rare, threatened or endangered species and is specifically identified and managed for that species under the provisions of 6.2

3a) Protection and management of very poorly represented ecosystems (<1% of the original area of that ecosystem type remains) in the ED	x 3.0 Multiplier	10%	10%	10%
4) Restoration of representative ecosystems (6.4.4) or riparian	Where the remnants of an indigenous ecosystem remain or where an active indigenous ecosystem restoration programme is underway. The area is fenced, weed and pest control and active restoration has been undertaken for at least 2 years and is ongoing. X1.5 multiplier	10%	8% sliding to	0%
5) Permanent exotic or mixed native/exotic riparian (non harvest) Minimum width of 10m either side of waterway. (Allowance in this class is for up to 30m each side. Can be wider but has different multiplier-refer next category)	Alternative exotic or native species that will not be harvested. Managed for in-stream values and includes stock exclusion, weed and pest management and ecological viability assessment undertaken X 1.0 multiplier	5%	5% sliding to	1%
6) Permanent exotic or mixed exotic/ indigenous (non harvestable)	Mixed alternative species plantings that will not be harvested but are not being restored to indigenous ecosystems. This may include multi-tier double row shelter belts, with double fencing. Management plans must detail what actions are being undertaken on these areas to ensure enhancement of indigenous biodiversity including pest control. X 0.5 multiplier	2%	2%	0%

<b>7) Indigenous Species Plantation and/or Continuous Cover Forest Management.(max coupe size 0.5ha)</b>	Stock excluded, indigenous understory allowed to develop and pest control carried out x 0.5 multiplier	5%	5% sliding to	3%
<b>8) Alternative forest crop species apart from Radiata pine and Douglas-fir. Excludes short term coppicing for firewood.</b>	Stock excluded, understory allowed to develop and pest control carried out. Multiplier x 0.1	4% sliding	to	0%
<b>9) Off-site Reserves contribution</b>	<p>a) If the reserve contribution cannot be meet from the provisions above the MU reserve contributions can be associated as part of a group scheme within the same ecological district, or a neighbouring ecological district within the same ecological region.</p> <p>b) For 0-40 ha MUs that are fully planted with no opportunity until harvest for on-site restoration, they may have 10% off-site until harvest and onsite restoration as per categories above. Note that if the onsite restoration is not carried out per this provision then the second or future crops cannot be FSC registered.</p>	Max 8% of 10% min equiv contribution	Max 6% sliding to of 10% min equiv contribution	Max 3% of 10% min equiv contribution