



Section E – Productivity

1.1 Area by Species Table

This shows the current and future species composition within the whole LMP including open ground and will help assess the species diversity requirements of the UK Forestry Standard.

Species	Current		Year 10		Year 20	
	Area	%	Area	%	Area	%
Lodgepole pine	448.8	5.4	395.5	4.8	359.4	4.4
Sitka spruce	786.8	9.5	673.2	8.2	600	7.3
Norway spruce	15	.2	14.8	0.2	11.3	0.1
Scots pine	18.4	.2	21.6	0.3	21.8	0.3
Larches	34.8	.4	33.2	0.4	28.8	0.3
Other conifers	63.3	.8	50.6	0.6	50.2	0.6
Sycamore	149.3	1.8	148.4	1.8	148.4	1.8
Birches	122.2	1.5	99.7	1.2	96.2	1.2
Alders	34.3	.4	30.6	0.4	28.9	0.4
Beech & Hornbeam	15.9	.2	14.2	0.2	14	0.2
Willows & Aspen	38.7	.5	26.2	0.3	23.3	0.3
Other broadleaves	161.7	2	249.2	3.0	311.5	3.8
Open/Other ground	6352.9	77.1	6484.9	78.7	6548.3	79.4
Total	8242.1	100	8242.1	100	8242.1	100

1.2 Area by Age Table

This shows the area broken down by age class and will show how well the woodland is distributed across the age classes.

Age Class (Years)	Current	Year 20
0 – 20	1119.6	446.5
21 – 40	690.2	921.8
41 – 60	47.1	302.6
61 – 80	31.8	13.9
81 – 100	0.0	9.2
100+	0.0	0.0
Totals	1888.7	1694

1.3 Felling Table

This shows the scale of felling within the felling phases in the context of the whole LMP. This includes any areas of 'LISS-Fell' (i.e. removal of final overstorey).

Total LMP Area										
Felling	Phase1	%	Phase2	%	Phase3	%	LTR	%	Area beyond 20 yr LMP	%
Area	887.8	10.8	75.8	.9	189.5	2.3	145.7	1.8	1438.2	17.4

1.4 Thinning Table

This table shows the area of thinning over the first ten years of the LMP.

Species	Thinning Area (Ha)
No thinning proposed during the LMP period.	
Total	

1.5 Restocking Table

See **Appendix 16 – Coupe Summary Tables**

E.2 Critical Success Factors and Monitoring

- Delivery of woodland removal and initial bog restoration work on 1400 Ha.
- Protection of all cultural heritage sites.
- Successful restocking of productive coupes.
- Successful establishment of native and riparian woodland coupes.
- Initial management interventions on broadleaf crops at Sibster and Dale undertaken.