

## Land Use Capability of Exotic Forest Land Cover as

LCDB Class (2018)	LUC Class 1	LUC Class 2	LUC Class 3
<b>Auckland Region</b>	<b>14</b>	<b>762</b>	<b>2,356</b>
Deciduous Hardwoods	1	54	120
Exotic Forest	13	701	2,135
Forest - Harvested		7	102
<b>Bay of Plenty Region</b>	<b>6</b>	<b>634</b>	<b>9,748</b>
Deciduous Hardwoods	3	116	345
Exotic Forest	2	476	8,452
Forest - Harvested		43	951
<b>Canterbury Region</b>	<b>460</b>	<b>6,637</b>	<b>19,800</b>
Deciduous Hardwoods	289	2,495	4,885
Exotic Forest	162	3,828	13,690
Forest - Harvested	10	315	1,225
<b>Gisborne Region</b>	<b>155</b>	<b>440</b>	<b>2,883</b>
Deciduous Hardwoods	129	125	632
Exotic Forest	23	263	2,083
Forest - Harvested	4	52	168
<b>Hawke's Bay Region</b>	<b>402</b>	<b>907</b>	<b>6,902</b>
Deciduous Hardwoods	201	325	1,197
Exotic Forest	193	488	5,159
Forest - Harvested	8	94	545
<b>Manawatu-Wanganui Region</b>	<b>689</b>	<b>3,336</b>	<b>8,636</b>
Deciduous Hardwoods	231	840	1,229
Exotic Forest	431	2,375	6,704
Forest - Harvested	28	120	702
<b>Marlborough Region</b>	<b>1</b>	<b>107</b>	<b>1,858</b>
Deciduous Hardwoods		48	234
Exotic Forest	1	58	1,420
Forest - Harvested			204
<b>Nelson Region</b>		<b>8</b>	<b>343</b>
Deciduous Hardwoods		5	61
Exotic Forest		3	228
Forest - Harvested			54
<b>Northland Region</b>	<b>3</b>	<b>422</b>	<b>2,820</b>
Deciduous Hardwoods	1	99	356
Exotic Forest	2	307	2,260
Forest - Harvested		16	205
<b>Otago Region</b>	<b>73</b>	<b>1,178</b>	<b>10,910</b>
Deciduous Hardwoods	29	497	2,106
Exotic Forest	44	659	8,094
Forest - Harvested	0	22	709
<b>Southland Region</b>	<b>14</b>	<b>1,736</b>	<b>14,441</b>
Deciduous Hardwoods	5	765	1,470
Exotic Forest	9	933	11,469

Forest - Harvested		39	1,501
<b>Taranaki Region</b>	<b>512</b>	<b>983</b>	<b>2,042</b>
Deciduous Hardwoods	12	22	110
Exotic Forest	474	907	1,760
Forest - Harvested	26	54	172
<b>Tasman Region</b>	<b>41</b>	<b>181</b>	<b>2,251</b>
Deciduous Hardwoods	25	80	586
Exotic Forest	17	93	1,463
Forest - Harvested		8	203
<b>Waikato Region</b>	<b>326</b>	<b>2,594</b>	<b>21,299</b>
Deciduous Hardwoods	173	1,196	1,475
Exotic Forest	141	1,303	17,496
Forest - Harvested	13	96	2,328
<b>Wellington Region</b>	<b>132</b>	<b>1,069</b>	<b>3,398</b>
Deciduous Hardwoods	70	618	827
Exotic Forest	58	411	2,299
Forest - Harvested	4	40	271
<b>West Coast Region</b>			<b>204</b>
Deciduous Hardwoods			126
Exotic Forest			74
Forest - Harvested			5
<b>Total (ha)</b>	<b>2,828</b>	<b>20,994</b>	<b>109,889</b>

## s of 2018/19 by Regional Council

LUC Class 4	LUC Class 5	LUC Class 6	LUC Class 7	LUC Class 8	LUC Class Other
4,233		32,912	10,377	676	353
104		129	22	4	86
3,858		29,857	9,330	606	264
271		2,925	1,026	66	3
<b>96,574</b>	<b>37</b>	<b>93,765</b>	<b>73,699</b>	<b>7,019</b>	<b>239</b>
884	0	346	126	13	107
87,473	31	85,615	68,162	6,357	132
8,216	6	7,804	5,412	650	0
<b>31,378</b>	<b>758</b>	<b>75,564</b>	<b>9,206</b>	<b>693</b>	<b>12,776</b>
4,672	432	4,428	677	34	11,118
22,266	297	63,835	7,825	612	1,505
4,439	29	7,300	705	48	153
<b>2,291</b>		<b>54,113</b>	<b>123,722</b>	<b>1,973</b>	<b>39</b>
206		1,459	3,738	156	25
1,826		46,802	107,609	1,698	14
259		5,852	12,375	119	
<b>9,532</b>	<b>600</b>	<b>98,772</b>	<b>40,195</b>	<b>4,638</b>	<b>2,355</b>
689	61	2,740	1,281	266	2,145
7,846	467	89,226	35,935	4,095	203
997	71	6,805	2,979	277	7
<b>11,420</b>	<b>121</b>	<b>74,560</b>	<b>62,024</b>	<b>2,396</b>	<b>794</b>
634	10	2,846	1,518	115	650
9,839	109	64,931	56,023	2,178	127
947	2	6,784	4,483	103	17
<b>2,241</b>	<b>39</b>	<b>37,860</b>	<b>43,009</b>	<b>4,943</b>	<b>506</b>
218	8	1,028	387	109	418
1,829	25	31,676	39,174	4,783	87
194	5	5,155	3,448	52	1
<b>10</b>		<b>2,798</b>	<b>8,299</b>	<b>36</b>	<b>18</b>
		80	16		15
5		2,552	7,615	36	3
4		166	669		
<b>20,428</b>	<b>315</b>	<b>116,636</b>	<b>44,068</b>	<b>2,372</b>	<b>148</b>
819	18	888	77		35
16,872	268	99,986	36,275	2,241	109
2,736	29	15,763	7,716	130	4
<b>35,894</b>	<b>6,302</b>	<b>98,882</b>	<b>6,093</b>	<b>183</b>	<b>2,056</b>
2,722	158	2,187	914	103	1,553
30,651	5,575	88,898	4,970	80	480
2,520	569	7,796	210		22
<b>19,332</b>	<b>4,942</b>	<b>52,151</b>	<b>2,965</b>	<b>148</b>	<b>1,424</b>
1,006	32	407	31	1	1,284
15,588	4,499	47,604	2,651	101	133

2,738	411	4,139	283	46	8
<b>1,248</b>	<b>1,311</b>	<b>11,004</b>	<b>13,051</b>	<b>50</b>	<b>21</b>
85	13	70	47		4
955	1,190	9,756	12,045	45	15
208	108	1,178	960	6	2
<b>5,123</b>	<b>24</b>	<b>30,211</b>	<b>63,223</b>	<b>4,094</b>	<b>273</b>
372		167	119	10	231
4,339	24	25,782	56,705	3,407	42
412		4,262	6,399	676	0
<b>65,622</b>	<b>322</b>	<b>160,428</b>	<b>65,497</b>	<b>5,772</b>	<b>649</b>
1,464	14	3,982	7,113	594	357
58,285	284	141,722	54,765	4,845	263
5,872	25	14,724	3,619	333	30
<b>3,071</b>	<b>198</b>	<b>38,835</b>	<b>36,671</b>	<b>448</b>	<b>463</b>
245	25	1,411	939	1	130
2,651	110	33,165	32,343	437	328
176	63	4,259	3,389	11	5
<b>2,275</b>	<b>129</b>	<b>15,800</b>	<b>22,088</b>	<b>47</b>	<b>380</b>
564	23	53	153	4	275
1,435	106	13,519	18,071	30	60
275		2,228	3,864	12	45
<b>310,670</b>	<b>15,098</b>	<b>994,290</b>	<b>624,189</b>	<b>35,486</b>	<b>22,494</b>

**Data Sources:**

<b>Total (ha)</b>
<b>51,683</b>
519
46,763
4,400
<b>281,721</b>
1,939
256,700
23,081
<b>157,272</b>
29,030
114,018
14,224
<b>185,616</b>
6,469
160,319
18,829
<b>164,303</b>
8,905
143,614
11,784
<b>163,975</b>
8,073
142,716
13,186
<b>90,564</b>
2,450
79,054
9,060
<b>11,511</b>
176
10,442
893
<b>187,212</b>
2,293
158,321
26,599
<b>161,571</b>
10,270
139,452
11,849
<b>97,152</b>
5,000
82,988

**Land Use Capability**

<b>LUC Class 1</b>
<b>LUC Class 2</b>
<b>LUC Class 3</b>
<b>LUC Class 4</b>
<b>LUC Class 5</b>
<b>LUC Class 6</b>
<b>LUC Class 7</b>
<b>LUC Class 8</b>
<b>LUC Class Other</b>

**Land Cover Database v5 (2018)**

<b>Deciduous Hardwoods</b>
<b>Exotic Forest</b>
<b>Forest - Harvested</b>

9,165
<b>30,222</b>
362
27,146
2,714
<b>105,422</b>
1,590
91,871
11,960
<b>322,510</b>
16,367
279,103
27,040
<b>84,284</b>
4,265
71,801
8,218
<b>40,923</b>
1,198
33,295
6,429
<b>2,135,939</b>

<https://iris.scinfo.org.nz/layer/48076-nzlri-land-use-capability/>

Suitable for a wide range of crops.

Suitable for many crops.

Restricted range of crops, intensity of cultivation is limited.

Occasional cropping but reduced range of crops and intensity of cultivation.

Non-arable, high producing.

Non-arable, suited to grazing, tree crops, & forestry.

Non arable, with soil conservation measures suited to grazing and forestry in some cases.

Unsuitable for arable, pastoral or commercial forestry use.

Other classes - Estuaries, Lakes, Quarries, Rivers, Towns

<https://iris.scinfo.org.nz/layer/104400-lcdb-v50-land-cover-database-version-50-mainland-new-zealand/>

Exotic deciduous woodlands, predominantly of willows or poplars but also of oak, elm, ash or other species. Commonly alongside inland water (or as part of wetlands), or as erosion-control, shelter and amenity plantings.

Planted or naturalised forest predominantly of radiata pine but including other pine species, Douglas fir, cypress, larch, acacia and eucalypts. Production forestry is the main land use in this class with minor areas devoted to mass-movement erosion-control and other areas of naturalised (wildling) establishment.

Predominantly bare ground arising from the harvesting of exotic forest or, less commonly, the clearing of indigenous forest. Replanting of exotic forest (or conversion to a new land use) is not evident and nor is the future use of land cleared of indigenous forest.

## Comparison of Exotic Forest Land Cover between 1996 and 2018

LCDB Class 1996	LUC Class 1 (ha)	LUC Class 2 (ha)	LUC Class 3 (ha)	LUC Class 4 (ha)
Deciduous Hardwoods	1,195	7,397	16,192	15,026
Exotic Forest	1,858	13,568	93,093	275,164
Forest - Harvested	5	128	7,306	31,488
<b>Total (ha)</b>	<b>3,058</b>	<b>21,093</b>	<b>116,591</b>	<b>321,679</b>

LCDB Class 2018	LUC Class 1 (ha)	LUC Class 2 (ha)	LUC Class 3 (ha)	LUC Class 4 (ha)
Deciduous Hardwoods	1,168	7,284	15,757	14,686
Exotic Forest	1,568	12,805	84,786	265,720
Forest - Harvested	93	905	9,346	30,265
<b>Total (ha)</b>	<b>2,828</b>	<b>20,994</b>	<b>109,889</b>	<b>310,670</b>

## 96/97 to 2018/19 by Land Use Capability

LUC Class 5 (ha)	LUC Class 6 (ha)	LUC Class 7 (ha)	LUC Class 8 (ha)	Other	Total (ha)
832	22,028	16,319	1,418	19,087	99,494
9,785	765,580	486,522	29,590	4,041	1,679,203
744	65,876	29,598	1,221	52	136,419
<b>11,362</b>	<b>853,485</b>	<b>532,439</b>	<b>32,229</b>	<b>23,180</b>	<b>1,915,116</b>

LUC Class 5 (ha)	LUC Class 6 (ha)	LUC Class 7 (ha)	LUC Class 8 (ha)	Other	Total (ha)
794	22,221	17,157	1,407	18,433	98,906
12,987	874,929	549,496	31,550	3,763	1,837,603
1,317	97,141	57,536	2,529	298	199,430
<b>15,098</b>	<b>994,290</b>	<b>624,189</b>	<b>35,486</b>	<b>22,494</b>	<b>2,135,939</b>

**Data Sources:**

**Land Use Capability**

<b>LUC Class 1</b>
<b>LUC Class 2</b>
<b>LUC Class 3</b>
<b>LUC Class 4</b>
<b>LUC Class 5</b>
<b>LUC Class 6</b>
<b>LUC Class 7</b>
<b>LUC Class 8</b>
<b>LUC Class Other</b>

**Land Cover Database v5  
(2018)**

<b>Deciduous Hardwoods</b>
<b>Exotic Forest</b>
<b>Forest - Harvested</b>

<https://iris.scinfo.org.nz/layer/48076-nzlri-land-use-capability/>

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