

Battling the Beetle

Taking Action to Restore British Columbia's Interior Forests

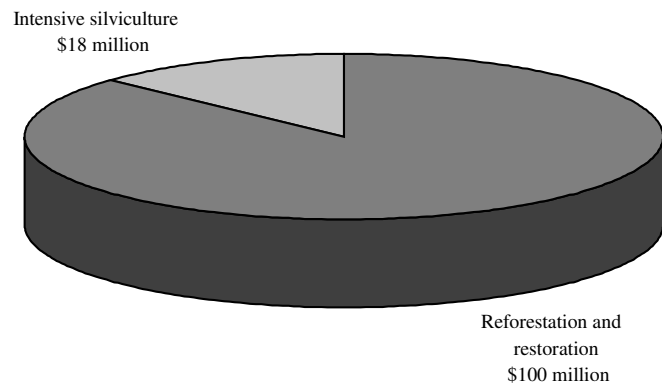


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Proposed Future Funding — \$118 Million in Annual Provincial Expenditures

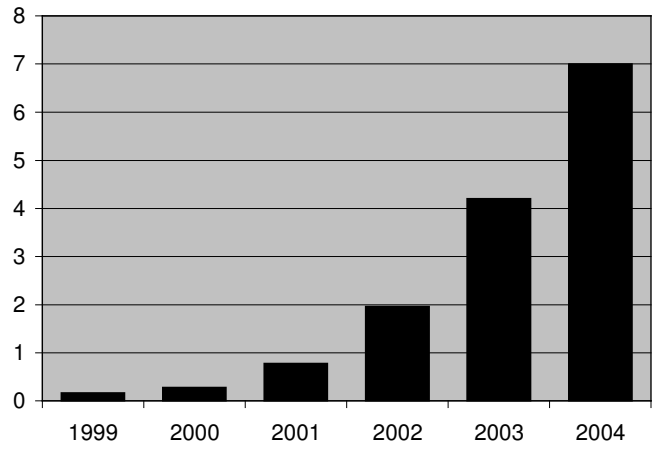


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Seeing Red: The Telltale Sign of Beetle Attack

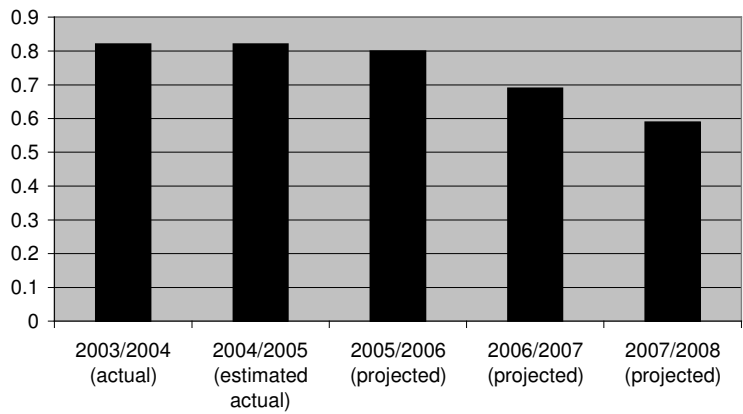
Millions of hectares of forest red-attacked



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The Widening Deforestation Gap – Projected Ratio of Land Reforested to Land Denuded



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Silviculture Statistics in the Years Before and After the First Forest Resource Development Agreement

Accomplishment	Annual average pre- FRDA (1981/82 to 1985/86)	Annual average post- FRDA (1985/86 to 1997/98)
Number of trees planted	100.08 million	210.5 million
Hectares planted	87,634 hectares	175,519 hectares
Brush treatment	7,811 hectares	53,100 hectares
Area of trees spaced	11,722 hectares	35,544 hectares
Area of trees pruned	not reported until 92/93	5,875 hectares
Area surveyed	316,887 hectares	742,031 hectares
Area of site prepared	70,892 hectares	127,501 hectares
Public reforestation spending	\$91.2 million	\$164.7 million

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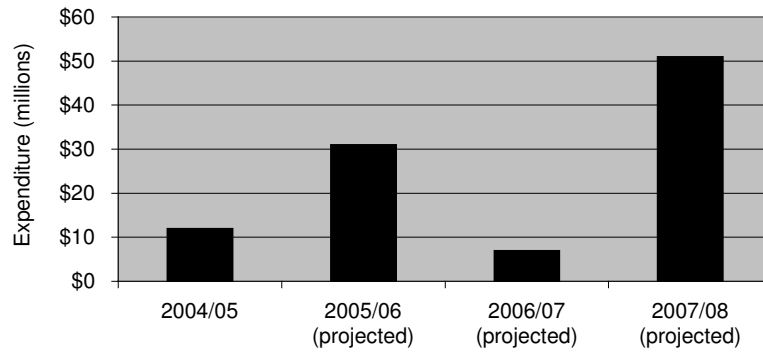
The Attack Spreads, Public Reforestation Investments Decline

Year	Area of beetle-attacked forest	Public spending on NSR
2000	284,041 hectares	\$45 million
2001	785,497 hectares	\$45 million
2002	1.96 million hectares	\$7 million
2003	4.20 million hectares	\$4.5 million
2004	7.02 million hectares	\$3 million

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Beetle Response and Reforestation



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Spruce, Pine and Fir Lumber Exports Up: Prices Down

Year	World value (\$ billion Cdn.)	Volume exported from BC (million m ³)	Price per unit (\$)
1995	3.51	18.55	189
1996	4.10	18.45	222
1997	4.28	17.67	242
1998	3.62	16.60	218
1999	4.23	16.83	251
2000	3.54	16.34	217
2001	3.66	17.86	205
2002	3.69	20.25	182
2003	3.09	21.33	145
2004	4.27	23.07	185

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Reaping What We Sow: Are Past Planting Activities Contributing to Tomorrow's Beetle Attacks?

Year	Total seedlings planted (million)	Lodgepole pine planted (million)	Per cent pine
1993/94	226.49	87.17	38.4
1994/95	249.56	96.93	38.8
1995/96	259.80	107.63	41.4
1996/97	238.48	97.51	40.8
1997/98	232.98	97.14	41.6
1998/99	206.04	94.07	45.6
1999/00	230.50	96.21	41.7
2000/01	201.08	93.55	46.5
2001/02	201.25	90.43	44.9
2002/03	184.39	82.78	44.8
TOTAL	2.23 billion	943.42	42.3

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The Coming Falldown

Timber Supply Area	Cut 2005 (million)	Cut 2015 (million)	Decline (per cent)
Lakes	8.17	3.4	58.8
Prince George	14.8	8.2	44.5
Quesnel TSA	6.0	2.0	66.6

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Percentage of “Dead and Dry” Pine Logged in Four Districts

District	Total pine logged (million m ³)	Pine sawlogs (million m ³)	Dead and dry pine sawlogs (million m ³)	Dead and dry (per cent)
Nadina	3.57	2.35	0.76	21.3
Prince George	5.05	2.46	1.87	37.0
Quesnel	3.84	1.75	1.84	47.9
Vanderhoof	4.13	2.17	1.38	33.4
Total	16.59	8.73	5.85	35.2