

## WOOD ACQUISITION PLAN PROGRAM

### Summary

The Wood Acquisition Program (W.A.P.) required by the Forest Sustainability Regulations completed the third year of operation in 2002. All Registered Buyers that acquired greater than 5,000 m<sup>3</sup> from privately owned forest lands in Nova Scotia during the 2002 calendar year were required to submit a Wood Acquisition Plan for that volume in 2002. All compliant Registered Buyers opted for undertaking a silviculture program for the year 2002, and submitted a summary of completed silviculture (Form D, Part III) for claim in 2002 along with supporting silviculture site location details.

The volumes from 2002 that required a Wood Acquisition Plan totaled 5.278 million cubic metres (Table 1). From those volumes, a total of 14.061 million silviculture credit value was required in year 2002, and the summary reports indicated that 18.225 million silviculture credits were claimed, which included 16.413 million silviculture credits and 1.812 million administrative credits (Table 1). In comparison to year 2001, required silviculture credit increased by 41% and completed silviculture claimed increased by 36% in 2002. Industrial silviculture credits exceeded credits required in 2002 (Table 1) by 3.4 million. Private silviculture credit value claimed exceeded credits required by 806,061 and completed hardwood silviculture on both Industrial and Private landowners exceeded credit value required (Table 1).

A total of 38,408 hectares of silviculture for a credit value of 16.413 million were claimed in 2002 (Table 2). Established Plantation (Category 2), recorded the most area claimed at 24% which accounted for 36% of total credit value (Table 2). Early Competition Control (Category 3), also recorded 24% in area but accounted for only 17 percent of total credit value claimed in 2002 (Table 2). Categories 1 to 5 (except Categories 1a and 1b) each had at least 10% of claimed area, and only Categories 1b, 6 and 7 each contributed less than 1% of total area claimed in 2002 (Table 2). Category 1a contributed 6%. Softwood silviculture completed on all lands was 97 percent of the total credit value claimed in year 2002 (Table 3).

A breakdown of completed silviculture by category and ownership is described in Table 4. Private silviculture value claimed in the Wood Acquisition Plans for 2002 totaled 8.4 million credits (Table 4). An additional 0.50 million dollars of silviculture was completed on private woodlots through the silviculture program operated by the Association of Sustainable Forestry with DNR silviculture funding in year 2002. Total private woodlot silviculture value completed in 2002 was 8.9 million. Industrial silviculture claimed through Wood Acquisition Plans for year 2002 totaled 8.1 million credits (Table 4).

A summary of completed silviculture area claimed in year 2002 by silviculture category, ownership and species type is included in Table 5.

**TABLE 1. SUMMARY OF WOOD ACQUISITION PLAN REQUIREMENTS  
AND SILVICULTURAL COMPLETIONS BY TENURE - 2002**

<b>Tenure</b>	<b>Species</b>	<b>Wood Acquisition (m<sup>3</sup>)</b>	<b>Required Silviculture Credit Value 2002</b>	<b>Completed Silviculture Credit Value 2002</b>
Industrial	Softwood	1,783,009	5,349,027	8,682,047
Industrial	Hardwood	401,153	240,692	266,238
<b>Sub-Total</b>		<b>2,184,162</b>	<b>5,589,719</b>	<b>8,948,285</b>
Private	Softwood	2,756,199	8,268,597	8,937,925
Private	Hardwood	337,449	202,470	339,203
<b>Sub-Total</b>		<b>3,093,648</b>	<b>8,471,067</b>	<b>9,277,128</b>
<b>TOTAL</b>		<b>5,277,810</b>	<b>14,060,786</b>	<b>18,225,413</b>
<b>Total Administrative Credits Applied</b>				<b>1,811,893</b>
<b>Net Completed Silviculture Credit Value</b>				<b>16,413,520</b>

<b>TABLE 2. SUMMARY OF COMPLETED SILVICULTURE BY SILVICULTURE CATEGORY, AREA AND CREDIT VALUE - 2002</b>		
<b>Category</b>	<b>Area (hectares) (%)</b>	<b>Credit Value (%)</b>
1a. Natural Regeneration Establishment < 500 ha	8,916.8 (23)	891,680 (6)
1b. Natural Regeneration Establishment > 500 ha	158.0 (< 1)	47,400 (< 1)
2. Established Plantation	8,989.7 (24)	5,843,305 (36)
3. Early Competition Control: Plantation & Natural	9,195.1 (24)	2,758,530 (17)
4. Plantation (2): Density Controlled & Released	5,053.7 (14)	2,526,850 (16)
5. Natural (1): Density Controlled & Released	5,487.1 (14)	4,115,325 (24)
6. Commercially Thinned	522.2 (< 1)	208,880 (1)
7. Quality Improvement:		
(a) Crop Tree Released	57.3 (< 1)	14,325 (< 1)
(b) Crop Trees Pruned	8.8 (< 1)	2,200 (< 1)
(c) Selection Managed	20.1 (< 1)	5,025 (< 1)
<b>TOTALS</b>	<b>38,408.8</b>	<b>16,413,520</b>

<b>TABLE 3. SUMMARY OF COMPLETED SILVICULTURE BY SPECIES TYPE AND CREDIT VALUE - 2002</b>		
<b>Species Type</b>	<b>Credit Value</b>	<b>% of Total</b>
Softwood	17,619,972	97%
Hardwood	605,441	3%
<b>Total</b>	<b>18,225,413</b>	<b>100</b>

**TABLE 4. SUMMARY OF COMPLETED SILVICULTURE BY CREDIT VALUE AND TENURE CLASS - 2002**

Category	Credit Value	
	Industrial	Private
1a Natural Regeneration Establishment < 500/ha	498,576	393,095
1b Natural Regeneration Establishment > 500/ha	0	47,400
2. Established Plantation	2,533,752	3,309,553
3. Early Competition Control: Plantation & Natural	1,575,510	1,183,020
4. Plantation (2): Density Controlled & Released	1,493,620	1,033,218
5. Natural (1): Density Controlled & Released	1,873,320	2,242,009
6. Commercially Thinned	79,280	129,616
7. Quality Improvement: (a) Crop Tree Released	0	14,333
(b) Crop Trees Pruned	0	2,190
(c) Selection Managed	0	5,028
<b>TOTALS</b>	<b>8,054,058</b>	<b>8,359,462</b>
	<b>16,413,520</b>	

**TABLE 5. SUMMARY OF COMPLETED SILVICULTURE AREA (HECTARES)  
BY SILVICULTURE CATEGORY AND TENURE CLASS - 2002**

Category	Area Treated (hectares)			
	Tenure Class			
	Industrial Softwood	Private Softwood	Industrial Hardwood	Private Hardwood
1a Natural Regeneration Establishment < 500/ha	3,193.9	3,245.6	1,791.9	685.4
1b Natural Regeneration Establishment > 500/ha	0.0	158.0	0.0	0.0
2. Established Plantation	3,898.1	5,091.6	0.0	0.0
3. Early Competition Control: Plantation & Natural	5,251.7	3,943.4	0.0	0.0
4. Plantation (2): Density Controlled & Released	2,987.2	2,066.4	0.0	0.0
5. Natural (1): Density Controlled & Released	2,417.2	2,715.8	80.6	273.5
6. Commercially Thinned	198.2	234.4	0.0	89.6
7. Quality Improvement:				
(a) Crop Tree Released	0.0	44.5	0.0	12.8
(b) Crop Trees Pruned	0.0	8.8	0.0	0.0
(c) Selection Managed	0.0	10.0	0.0	10.1
<b>TOTAL AREA</b>	<b>17,946.3</b>	<b>17,518.5</b>	<b>1,872.5</b>	<b>1,071.5</b>
<b>TOTAL AREA BY SPECIES (%)</b>	<b>35,464.8 (92%)</b>		<b>2,944.0 8%)</b>	