

Draft Minister's Order

Forest Act
(R.S.Q., c. F-4.1)

Value of silvicultural treatments

Notice is thereby given that the Order of the Minister of Natural Resources respecting the value of silvicultural treatments admitted as payment of dues for the 2003-2004 fiscal year, the text which appears below, may be edicted by the Minister, with or without amendment, at the expiry of 35 days following this publication.

Any person having comments to make on this matter is asked to send them in writing, before the expiry of the 35-day period, to Mr Marc Ledoux, Associate Deputy Minister for Forests, Ministère des Ressources naturelles, 880, chemin Sainte-Foy, 10^e étage, Québec (Québec), G1S 4X4.

FRANÇOIS GENDRON,
Minister of Natural Resources

Order of the Minister of Natural Resources respecting the value of silvicultural treatments admitted as payment of dues for the fiscal year 2003-2004

Forest Act
(R.S.Q., c. F-4.1, ss. 73.1 and 73.3)

1. The silvicultural treatments described in Schedule I shall be admitted as payment of the dues prescribed by the Minister responsible for the administration of the Forest Act as determined by the production priority groups described in Schedule I.

The silvicultural treatments are realized on the forest area where the priority production has to be performed.

2. The silvicultural treatments mentioned in Schedule II and their admissibility criterias are defined in the relative instructions to the application of the present Order.

3. The values of such silvicultural treatments for the 2003-2004 fiscal year are those established in Schedule II.

4. The values of the silvicultural treatments established in Schedule II do cover only the costs related to the execution of the treatments. Consequently, the costs not related to their execution, as described in the second paragraph of section 11 of the Regulation respecting forest royalties, edicted by Order in Council 192-2002 of February 28th 2002, are to be assumed by the beneficiary of the timber licence and are not admitted as payment of dues.

5. This Minister's Order replaces Minister's Order AM 2002-003 of 19 March 2002.

6. This Order comes into force on 1 April 2003.

SCHEDULE I

(s.1)

SILVICULTURAL TREATMENTS ADMISSIBLE BY PRODUCTION PRIORITY GROUPS

Silvicultural treatments admissible	Production priority groups													
	Fir, spruce, jack pine, tamarack	Thuja	Poplar	White birch	Birch1 or Oak or intermediary tol.hard.	Pine	Maple or tsuga or tol. hard.	Pine-Birch (Pine)1	Pine-Birch (Birch)1	Mixed S-int.hard (S) or S-int.hard. (hard.)	Mixed S-Birch (S)1	Mixed S-Birch (hard.)1	Mixed S-Maple (S) or S-tol.hard. (S)	Mixed S-Maple (hard.) or S-int.hard. (hard.)
Precommercial thinning	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fertilization	X													
Commercial thinning	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Spreading commercial thinning					X							X		
Pine seeding	X					X		X	X					
Improvement cutting		X												
Selection cutting		X					X							X
Selection cutting by patches					X				X			X		
Selection and regeneration cutting by parquets					X				X			X		
Selection cutting for maple and wood production							X							X
Preselection cutting							X							X
Strip cutting with regeneration and soil protection	X	X		X	X	X	X	X	X	X	X	X	X	X
Mosaics cutting with regeneration and soil protection	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Progressive seed cutting	X	X		X	X	X	X	X	X	X	X	X	X	X
Planting	X	X	X	X	X	X	X				X			

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Site preparation, natural regeneration reinforcement planting and mechanical release treatment	X	X			X	X		X	X	X	X	X	X	X
Drainage	X	X												
Seedlings reserve cutting					X				X			X		X
Phytosanitary pruning	X					X	X	X						
Enrichment planting					X	X	X	X		X	X	X	X	X

1 For these priority productions, the yellow birch prevails on the white birch as the principal objective species.

SCHEDULE II

(ss. 2, 3 and 4)

VALUES OF SILVICULTURAL TREATMENTS ADMITTED AS PAYMENT OF DUES FISCAL YEAR 2003-2004

1. SITE PREPARATION

Scarification

Anchor chains	115 \$/ha
Shark-fin barrels and chains	330 \$/ha
Hydraulic cone trenchers (Wadell type)	260 \$/ha
Hydraulic disk trenchers (TTS hydraulic and Donaren types) or Rake scarifier (shark)	210 \$/ha
Batch scarifier (Bracke) or disk trencher (TTS type)	150 \$/ha
Batch scarifier moulder (Bracke moulder)	205 \$/ha
“V” blade batch scarifier (Bracke) or disk trencher	410 \$/ha
Cutter-type portable scarifier or forest mattock	455 \$/1 000 microsites

Partial scarification in seed holes	
Inside the patches	695 \$/ha
Inside the parquets	600 \$/ha
Inside the regeneration cuttings	530 \$/ha
Forest harrows (Rome et Crabe types)	
Single pass	235 \$/ha
Double pass	420 \$/ha
36 inches harrow	520 \$/ha
Létourneau tree crusher	365 \$/ha
Ploughing and harrowing	
Forest plough (Lazure type) + forest harrow (Rome and Crabes types)	1 275 \$/ha
Clearing	
Rake-equipped crawler tractor	465 \$/ha
Winter shear-blading with a shear-blade-equipped crawler tractor	475 \$/ha
Grouping feller	370 \$/ha
Rake equipped skidder	390 \$/ha
Hydraulic rake	390 \$/ha
Modified “V” blade models C and H	195 \$/ha
Prescribed burning	415 \$/ha

2. MECHANICAL RELEASE TREATMENT (1)

Coniferous or boreal forest zone	715 \$/ha
Mixed and hardwood forest zones	805 \$/ha

3. PRECOMMERCIAL THINNING (1)

Priority production of softwoods, of mixed predominantly softwood stands, of poplars and of mixed predominantly intolerant hardwoods stands

Value per hectare = $434,12 \times \ln(ti/ha) - 3\,355,76$

ln: base *e* logarithm

ti: number of trees of more than 1,2 meter for softwoods and 1,8 meter for hardwoods
ha: hectare

Priority production of tolerant hardwoods, of white birch, of mixed predominantly tolerant hardwood stands and of associations constituted of pines and birches

825 \$/ha

4. COMMERCIAL THINNING (2)

Softwoods

Value per hectare with marking of trees to fell
= $242,05 / (\text{average DBH harvested} \times 0,0414)^2$

Value per hectare without marking of trees to fell
= $242,05 / (\text{average DBH harvested} \times 0,0414)^2 - 150$

Mixed with tolerant and intolerant hardwoods (3)

590 \$/ha

Tolerant and intolerant hardwoods (3)

325 \$/ha

5. DRAINAGE

Cleared areas (without prior felling)

1,60 \$/m or m³

Wooded areas (without prior felling)

1,80 \$/m or m³

Wooded areas (with prior felling)

2,00 \$/m or m³

6. FERTILIZATION

Softwoods

385 \$/ha

7. NATURAL REGENERATION REINFORCEMENT

PLANTING RED PINE AND WHITE PINE PLANTING (1)

With site preparation

Bare-root seedlings

Conventional size

240 \$/1 000 seedlings

Large size

380 \$/1 000 seedlings

Hybrid poplars

585 \$/1 000 saplings

Container seedlings

67-50

195 \$/1 000 seedlings

45-110 or cuttings

205 \$/1 000 seedlings

25-200

290 \$/1 000 seedlings

45-340 and 25-350-A

335 \$/1 000 seedlings

Without site preparation

Bare-root seedlings

Conventional size

255 \$/1 000 seedlings

Large size

395 \$/1 000 seedlings

Container seedlings

67-50

210 \$/1 000 seedlings

45-110 or cuttings

220 \$/1 000 seedlings

25-200

305 \$/1 000 seedlings

45-340 or 25-350-A

350 \$/1 000 seedlings

8. PROGRESSIVE SEED CUTTING (2) (3)

Softwoods

550 \$/ha

Mixed with tolerant and intolerant hardwoods

325 \$/ha

Tolerant and intolerant hardwoods

325 \$/ha

9. STRIP CUTTING WITH REGENERATION AND SOIL PROTECTION (2)

220 \$/ha

10. PLANTING (1)

With site preparation

Bare-root seedlings

Conventional size

220 \$/1 000 seedlings

Large size

360 \$/1 000 seedlings

Hybrid poplars

565 \$/1 000 saplings

Container seedlings

67-50

175 \$/1 000 seedlings

45-110 or cuttings

185 \$/1 000 seedlings

25-200

270 \$/1 000 seedlings

45-340 or 25-350-A

310 \$/1 000 seedlings

Without site preparation	
Bare-root seedlings	
Conventional size	235 \$/1 000 seedlings
Large size	375 \$/1 000 seedlings
Container seedlings	
67-50	190 \$/1 000 seedlings
45-110 or cuttings	200 \$/1 000 seedlings
25-200	285 \$/1 000 seedlings
45-340 or 25-350-A	325 \$/1 000 seedlings
11. ENRICHMENT AND REINFORCEMENT PLANTING OF HARDWOODS AND PINE (1)	
	530 \$/1 000 seedlings
12. SPREADING COMMERCIAL THINNING (2)	
	325 \$/ha
13. IMPROVEMENT CUTTING (2)	
Cedar	310 \$/ha
14. SELECTION CUTTING (2)	
Tolerant hardwood	325 \$/ha
Mixed with tolerant hardwood	325 \$/ha
Cedar	310 \$/ha
15. SELECTION CUTTING BY PATCHES (2)	
	325 \$/ha
16. SELECTION AND REGENERATION CUTTING BY PARQUETS (2)	
	305 \$/ha
17. SEEDLINGS RESERVE CUTTING	
	20 \$/ha
18. PRESELECTION CUTTING (2)	
Tolerant hardwood	325 \$/ha
Mixed with tolerant hardwood	325 \$/ha

19. PINE SEEDING

Aerial seeding	40 \$/ha
Ground seeding	145 \$/ha
Funnels	320 \$/1 000
microsites seeded	

20. SELECTION CUTTING FOR MAPLE

SAP AND WOOD PRODUCTION (2) 390 \$/ha

21. MOSAICS CUTTING WITH REGENERATION AND SOIL PROTECTION (4)

Inaccessible zones	155 \$/ha
Accessible zones	55 \$/ha

22. PHYTOSANITARY PRUNING

410 \$/ha

(1) The value admitted as payment of dues can be increased by 7,8% when the silvicultural treatments are realized from forest camps whose admissibility criterias are defined in the relative instructions to the application of the present order.

(2) The value admitted as payment of dues includes some harvesting, road construction, supervision or tree marking costs.

(3) The value admitted as payment of dues can be increased by 60 \$/ha when the marking of trees takes into account the trees to preserve.

(4) The inaccessible zones are the forest tarification zones appearing at Schedule I of the Regulation respecting forest royalties, as modified by Order in Council 192-2002 of February 28th 2002, and having the following numbers: 220, 227, 228, 229, 230, 231, 232, 233, 236, 237, 239, 837, 838, 839, 840, 841, 842, 913, 914, 915, 916, 917, 918, 919, 920, 922, 923. The accessible zones are all the other forest tarification zones appearing in that Schedule that do not have the numbers previously indicated.

Note: The expression "tolerant hardwoods" includes white pine and red pine.

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