

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 and Wildlife respecting the value of silvicultural treatments admitted as payment of dues for the 2007-2008 fiscal year, the text of which appears below, may be taken, with or without amendment, at the expiry of 30 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 30-day period, to Mrs. Paule Têtu, Associate Deputy Minister to Forest Québec, Ministère des Ressources naturelles et de la Faune, 880, chemin Sainte-Foy, 10^e étage, Québec (Québec) G1S 4X4.

PIERRE CORBEIL,
*Minister of Natural Resources
and Wildlife*

Order respecting the value of silvicultural treatments admitted as payment of dues for the fiscal year 2007-2008

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 (R.S.Q., c. F-4.1) 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 I and their admissibility criterias are defined in the relative instructions to the application of the present Order.

3. The value of an admissible silvicultural treatment for the 2007-2008 fiscal year is the value indicated in Schedule II.

4. This Minister's Order replaces Minister's Order AM 2006-015 of the Minister of Natural Resources and Wildlife, dated 10 May 2006.

5. This Minister's Order comes into force on 1 April 2007.

SCHEDULE I

(a.1)

SILVICULTURAL TREATMENTS ADMISSIBLE BY PRODUCTION PRIORITY GROUPS

Silvicultural treatments	Production priority groups												
	Fir, spruce, jack pine, tamarack	Thuja	Poplar	White birch	Birch ¹ or Oak or intermediary tol. hard.	Pine	Maple or tsuga or tol. hard.	Pine-Birch (Pine) ¹	Pin-Bou (Bou) ¹	Mixed S-int.hard. (S) or S-int.hard. (hard.)	Mixed S-Birch (S) ¹ or S-intermediary tol.hard	Mixed S-Birch (hard.) ¹ or S-intermediary tol. hard.	Mixed S-Maple (S) or S-tol.hard. (S)
Progressive seed cutting	X ⁴	X		X	X	X	X	X	X	X	X	X	X
Seedlings reserve cutting	X ⁴	X		X	X	X	X	X	X	X	X	X	X
Strip cutting with regeneration and soil protection	X	X		X	X	X	X	X	X	X	X	X	X
Drainage	X	X	X	X	X	X	X	X	X	X	X	X	X
Site preparation	X	X	X	X	X	X	X				X		
Planting	X	X	X	X	X	X	X				X		
Natural regeneration reinforcement planting	X	X	X	X	X	X	X	X	X	X	X	X	X
Pine seeding	X					X		X	X				
Mechanical release	X	X				X		X		X ⁵	X		X
Precommercial thinning	X	X	X	X	X	X	X	X	X	X	X	X	X
Phytosanitary pruning	X					X		X	X				
Commercial thinning	X	X	X	X	X	X	X	X	X	X	X	X	X
Fertilization	X												
Selection cutting		X						X					X
Selection and sanitation cutting		X						X					X
Preselection cutting								X					X
Preselection and sanitation cutting								X					X
Selection cutting for maple sap and wood production								X ²					

Silvicultural treatments	Production priority groups												
	Fir, spruce, jack pine, tamarack	Thuya	Poplar	White birch	Birch ¹ or Oak or intermediary tol. hard.	Pine	Maple or tsuga or tol. hard.	Pine-Birch (Pine) ¹	Pin-Bou (Bou) ¹	Mixed S-int.hard. (S) or S-int.hard. (hard.)	Mixed S-Birch (S) ¹ or S. intermediary tol.hard	Mixed S-Birch (hard.) ¹ or S-intermediary tol. hard.	Mixed S-Maple (S) or S-tol.hard. (S)
Selection cutting by patches					X			X			X		
Selection cutting and sanitation by patches					X			X			X		
Selection and regeneration cutting by parquets					X			X			X		
Selection cutting for single tree and group of trees					X						X		
Selection cutting and sanitation for single tree and group of trees					X						X		
Individual selective thinning					X								
Commercial thinning mixed stands S-Birch (hard.) with fir												X ³	
Spreading commercial thinning					X						X		
Improvement cutting		X											
Enrichment planting					X	X	X	X		X	X	X	X

1. For these priority productions, the yellow birch prevails over the white birch as the principal objective species.
2. For the priority production group maple, selection cutting for maple sap and wood production is possible.
3. For the yellow birch mixed stands (fir) with hardwood dominance.
4. Except for jack pine.
5. For mixt S-intolerant hardwood only.

SCHEDULE II

(s. 3)

**VALUES OF SILVICULTURAL TREATMENTS
ADMITTED AS PAYMENT OF DUES FOR THE
2007-2008 FISCAL YEAR*****SITE PREPARATION (1) EXECUTION PLANNING
AND
FOLLOWING UP****Scarification**

Anchor chains	\$136/ha	\$26/ha
Shark-fin barrels and chains	\$387/ha	\$26/ha
Hydraulic cone trenchers (Wadell type)	\$306/ha	\$26/ha
Hydraulic disk trenchers (TTS hydraulic and Donaren types) or Rake scarifier (shark)	\$247/ha	\$26/ha
Batch scarifier (Bracke) or disk trencher (TTS type)	\$177/ha	\$26/ha
Batch scarifier moulder (Bracke moulder)	\$243/ha	\$26/ha
“V” blade batch scarifier (Bracke) or disk trencher	\$483/ha	\$26/ha
Cutter-type portable scarifier or forest mattock (2)	\$499/1 000 microsites	\$11/1 000 microsites

Partial scarification in seed holes

Inside the patches	\$817/ha	\$26/ha
Inside the parquets	\$710/ha	\$26/ha
Inside the regeneration cuttings	\$622/ha	\$26/ha

Forest harrows (Rome et Crabe types)

Single pass	\$278/ha	\$26/ha
Double pass	\$497/ha	\$26/ha
36 inches harrow	\$611/ha	\$26/ha

Ploughing and harrowing

Forest harrow (Rome and Crabes types)	\$1 505/ha	\$26/ha
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Clearing

Rake-equipped crawler tractor	\$548/ha	\$26/ha
Winter shear-blading with a shear-blade-equipped crawler tractor	\$559/ha	\$26/ha
Grouping feller	\$438/ha	\$26/ha
Rake equipped skidder	\$463/ha	\$26/ha
Hydraulic rake	\$463/ha	\$26/ha
Modified “V” blade models C and H	\$233/ha	\$26/ha

Prescribed burning	\$458/ha	\$26/ha
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MECHANICAL RELEASE TREATMENT (2)

Boreal zone	\$798/ha	\$77/ha
Nordic temperated zone	\$897/ha	\$77/ha

PRECOMMERCIAL THINNING (2)

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

EXECUTION

Value per hectare =
 $483.72 \times \ln(ti/ha) - 3\ 653.85$ \$67/ha

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

\$955/ha \$67/ha

COMMERCIAL THINNING (3)

Softwoods and mixed with
softwood dominance \$72/ha

EXECUTION

Value per hectare with marking of trees to fell
= $271.98 / (\text{average DBH harvested} \times 0.0414)^2$

Value per hectare without marking of trees to fell
= $271.98 / (\text{average DBH harvested} \times 0.0414)^2 - 153.43$

Mixed with tolerant and
intolerant hardwoods (4) (5) \$674/ha \$72/ha

Mixed with tolerant
hardwoods – priority
production yellow birch
and softwoods with
fir (5) (7) \$674/ha \$72/ha

Tolerant and intolerant
hardwoods (4) (5) \$674/ha \$72/ha

White pine and red pine \$674/ha \$72/ha

DRAINAGE

Cleared areas
(without prior felling) \$1.90/m or m³ \$0.08/m ou m³

Wooded areas
(without prior felling) \$2.10/m or m³ \$0.08/m ou m³

Wooded areas
(with prior felling) \$2.40/m or m³ \$0.08/m ou m³

FERTILIZATION			PLANTING (2)		
Softwoods	\$429/ha	\$26/ha	With site preparation		
			Bare-root seedlings		
NATURAL REGENERATION FILL			Conventional size	\$247/1 000	\$20/1 000
PLANTING AND RED PINE AND WHITE PINE PLANTING (2) (6)			Large size	\$399/1 000	\$20/1 000
With site preparation			Seedlings 1½ to 2 meters		
Bare-root seedlings			height (hybrid poplars)	\$631/1 000	\$20/1 000
Conventional size	\$291/1 000	\$31/1 000	Container seedlings		
seedlings	seedlings	seedlings	67-50	\$197/1 000	\$20/1 000
Large size	\$447/1 000	\$31/1 000	45-110 or cuttings	\$226/1 000	\$20/1 000
seedlings	seedlings	seedlings	seedlings	seedlings	seedlings
Seedlings 1½ to 2 meters			25-200	\$301/1 000	\$20/1 000
height (hybrid poplars)	\$676/1 000	\$31/1 000	45-340 or 25-350-A	\$347/1 000	\$20/1 000
seedlings	seedlings	seedlings	seedlings	seedlings	seedlings
Container seedlings			Mini-recipients 126-25	\$189/1 000	\$20/1 000
67-50	\$241/1 000	\$31/1 000	seedlings	seedlings	seedlings
seedlings	seedlings	seedlings	Without site preparation		
45-110 or cuttings	\$271/1 000	\$31/1 000	Bare-root seedlings		
seedlings	seedlings	seedlings	Conventional size	\$264/1 000	\$20/1 000
25-200	\$346/1 000	\$31/1 000	seedlings	seedlings	seedlings
seedlings	seedlings	seedlings	Large size	\$417/1 000	\$20/1 000
45-340 and 25-350-A	\$394/1 000	\$31/1 000	seedlings	seedlings	seedlings
seedlings	seedlings	seedlings	Container seedlings		
Mini recipients 126-25	\$210/1 000	\$31/1 000	67-50	\$215/1 000	\$20/1 000
seedlings	seedlings	seedlings	seedlings	seedlings	seedlings
Without site preparation			45-110 or cuttings	\$243/1 000	\$20/1 000
Bare-root seedlings			seedlings	seedlings	seedlings
Conventional size	\$309/1 000	\$31/1 000	25-200	\$318/1 000	\$20/1 000
seedlings	seedlings	seedlings	45-340 or 25-350-A	\$364/1 000	\$20/1 000
Large size	\$465/1 000	\$31/1 000	seedlings	seedlings	seedlings
seedlings	seedlings	seedlings	Mini-recipients 126-25	\$205/1 000	\$20/1 000
Container seedlings			seedlings	seedlings	seedlings
67-50	\$258/1 000	\$31/1 000	ENRICHMENT AND REINFORCEMENT		
seedlings	seedlings	seedlings	PLANTING OF HARDWOODS		
45-110 or cuttings	\$289/1 000	\$31/1 000	AND PINE (2)	\$592/1 000	\$31/1 000
seedlings	seedlings	seedlings	seedlings	seedlings	seedlings
25-200	\$363/1 000	\$31/1 000	SPREADING COMMERCIAL		
seedlings	seedlings	seedlings	THINNING (3) (5)	\$675/ha	\$72/ha
45-340 or 25-350-A	\$412/1 000	\$31/1 000	INDIVIDUAL SELECTIVE		
seedlings	seedlings	seedlings	THINNING (3) (5) (7)		
Mini-recipients 126-50	\$225/1 000	\$31/1 000	Tolerant hardwood	\$675/ha	\$72/ha
seedlings	seedlings	seedlings			
PROGRESSIVE SEED CUTTING (3)					
Softwoods	\$603/ha	\$72/ha			
Mixed with tolerant and					
intolerant hardwoods (4)	\$355/ha	\$72/ha			
Tolerant and intolerant					
hardwoods (4)	\$355/ha	\$72/ha			
STRIP CUTTING WITH REGENERATION					
AND SOIL PROTECTION (3)	\$244/ha	\$72/ha			

IMPROVEMENT CUTTING (3) (5)

Softwoods (cedars)	\$675/ha	\$72/ha
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SELECTION CUTTING (3) (5)

Tolerant hardwood	\$675/ha	\$72/ha
Mixed with tolerant hardwood	\$675/ha	\$72/ha
Softwoods (cedars)	\$675/ha	\$72/ha

SELECTION CUTTING AND SANITATION (3) (5)

Tolerant hardwood	\$675/ha	\$72/ha
Mixed with tolerant hardwood	\$675/ha	\$72/ha

SELECTION CUTTING

BY PATCHES (3) (5)	\$675/ha	\$72/ha
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SELECTION CUTTING AND SANITATION BY PATCHES (3) (5)

Tolerant hardwood	\$675/ha	\$72/ha
Mixed with tolerant hardwood	\$675/ha	\$72/ha
Mixed with tolerant hardwood and pines	\$675/ha	\$72/ha

SELECTION CUTTING FOR

TREE AND GROUP OF TREES (3) (5) (7)		
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Tolerant hardwood	\$675/ha	\$72/ha
Mixed with tolerant hardwood	\$675/ha	\$72/ha

SELECTION CUTTING AND SANITATION FOR TREE AND GROUP OF TREES (3) (5) (7)

Tolerant hardwood	\$675/ha	\$72/ha
Mixed with tolerant hardwood	\$675/ha	\$72/ha

SELECTION AND REGENERATION CUTTING BY PARQUETS (3) (5)

\$634/ha	\$72/ha
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SEEDLINGS RESERVE

CUTTING	\$22/ha	\$72/ha
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PRESELECTION CUTTING (3) (5)

Tolerant hardwood	\$675/ha	\$72/ha
Mixed with tolerant hardwood	\$675/ha	\$72/ha

PRESELECTION CUTTING AND SANITATION (3) (5)

Tolerant hardwood	\$675/ha	\$72/ha
Mixed with tolerant hardwood	\$675/ha	\$72/ha

PINE SEEDING

Aerial seeding	\$41/ha	\$20/ha
Ground seeding	\$157/ha	\$20/ha
Funnels	\$352/1 000	\$20/1 000
	microsites seeded	microsites seeded

SELECTION CUTTING FOR MAPLE SAP AND WOOD

PRODUCTION (3) (5)	\$675/ha	\$72/ha
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PHYTOSANITARY PRUNING	\$461 \$/ha	\$77/ha
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* To know the percentage of a silvicultural treatment value which is admitted as payment of royalties, refer to section 11 and following of the Regulation Respecting Forest Royalties. The values of the treatments apply either to in-house or contracted work.

(1) The execution value of the treatment can be increased by 2.6% when the silvicultural treatment is realized from forest camps whose admissibility criterias are defined in the relative instructions to the application of the present order.

(2) The execution value of the treatment 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.

(3) The execution value of the treatment includes some harvesting, road construction, supervision or tree marking costs.

(4) The execution value of the treatment can be increased by \$69/ha when the marking of trees takes into account the trees to preserve.

(5) The execution value of the treatment is increased by \$31/ha when felling and skidding paths are flagged.

(6) Excluding fill planting with white and red pines and tolerant hardwoods.

(7) The execution value of the treatment can be increase by \$205/ha if valid patches, according to the relative instructions to the application of the present order, was created during harvest operation.

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

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