

**M.O., 2007****Order number 2007-006 of the Minister of Natural Resources and Wildlife dated 23 March 2007**

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

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

**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 according to the production priority groups established in Schedule I.

Production priority refers to the production in the forest area in which the silvicultural treatments must be carried out.

**2.** The silvicultural treatments mentioned in Schedule I and their admissibility criteria are defined in the instructions relating to the application of this Order.

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

**4.** This Order replaces Minister's Order AM 2006-015 made by the Minister of Natural Resources and Wildlife on 10 May 2006.

**5.** This Order comes into force on 1 April 2007.

Québec, 23 March 2007

PIERRE CORBEIL,  
*Minister of Natural Resources  
and Wildlife*

**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' or Oak or intermediary tol. hard.	Pine	Maple or tsga or tol. hard.	Pine-Birch (Pine)'	Pin-Bou (Bou)'	Mixed S-int.hard. (S) or S-int.hard. (hard.)	Mixed S-Birch (S)' or S. intermediary tol.hard	Mixed S-Birch (hard.)' or S-intermediary tol. hard.	Mixed S-Maple (S) or S-tol.hard. (S)	Mixed S-Maple (hard.) or S-int.hard. (hard.)
Progressive seed cutting	X <sup>4</sup>	X		X	X	X	X	X	X	X	X	X	X	X
Seedlings reserve cutting	X <sup>4</sup>	X		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	X
Drainage	X	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			



Silvicultural treatments	Production priority groups												
	Fir, spruce, jack pine, tamarack	Thuja	Poplar	White birch	Birch <sup>1</sup> or Oak or intermediary tol. hard.	Pine	Maple or tsuga or tol. hard.	Pine-Birch (Pine) <sup>1</sup>	Pin-Bou (Bou) <sup>1</sup>	Mixed S-int.hard. (S) or S-int.hard. (hard.)	Mixed S-Birch (S) <sup>1</sup> or S. intermediary tol.hard	Mixed S-Birch (hard.) <sup>1</sup> or S-intermediary tol. hard.	Mixed S-Maple (S) or S-tol.hard. (S)
Commercial thinning mixed stands S-Birch (hard.) with fir												X <sup>3</sup>	
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		
			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 microsities \$11/1 000 microsities
			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
Scarification			Forest harrows (Rome et Crabe types)	
Anchor chains	\$136/ha	\$26/ha	Single pass	\$278/ha \$26/ha
Shark-fin barrels and chains	\$387/ha	\$26/ha	Double pass	\$497/ha \$26/ha
Hydraulic cone trenchers (Wadell type)	\$306/ha	\$26/ha	36 inches harrow	\$611/ha \$26/ha
Hydraulic disk trenchers (TTS hydraulic and Donaren types) or Rake scarifier (shark)	\$247/ha	\$26/ha	Ploughing and harrowing	
Batch scarifier (Bracke) or disk trencher (TTS type)	\$177/ha	\$26/ha	Forest harrow (Rome and Crabes types)	\$1 505/ha \$26/ha

Clearing			Tolerant and intolerant hardwoods (4) (5)	\$674/ha	\$72/ha
Rake-equipped crawler tractor	\$548/ha	\$26/ha	White pine and red pine	\$674/ha	\$72/ha
Winter shear-blading with a shear-blade-equipped crawler tractor	\$559/ha	\$26/ha			
Grouping feller	\$438/ha	\$26/ha	DRAINAGE		
Rake equipped skidder	\$463/ha	\$26/ha	Cleared areas (without prior felling)	\$1.90/m or m <sup>3</sup>	\$0.08/m ou m <sup>3</sup>
Hydraulic rake	\$463/ha	\$26/ha	Wooded areas (without prior felling)	\$2.10/m or m <sup>3</sup>	\$0.08/m ou m <sup>3</sup>
Modified "V" blade models C and H	\$233/ha	\$26/ha	Wooded areas (with prior felling)	\$2.40/m or m <sup>3</sup>	\$0.08/m ou m <sup>3</sup>
Prescribed burning	\$458/ha	\$26/ha	FERTILIZATION		
MECHANICAL RELEASE TREATMENT (2)			Softwoods	\$429/ha	\$26/ha
Boreal zone	\$798/ha	\$77/ha	NATURAL REGENERATION FILL		
Nordic temperated zone	\$897/ha	\$77/ha	PLANTING AND RED PINE AND WHITE PINE PLANTING (2) (6)		
PRECOMMERCIAL THINNING (2)			With site preparation		
Priority production of softwoods, of mixed predominantly softwood stands, of poplars and of mixed predominantly intolerant hardwoods stands			Bare-root seedlings		
			Conventional size	\$291/1 000 seedlings	\$31/1 000 seedlings
EXECUTION			Large size	\$447/1 000 seedlings	\$31/1 000 seedlings
Value per hectare =			Seedlings 1½ to 2 meters height (hybrid poplars)	\$676/1 000 seedlings	\$31/1 000 seedlings
$483.72 \times \ln(ti/ha) - 3 739.17$		\$67/ha	Container seedlings		
ln: base <i>e</i> logarithm			67-50	\$241/1 000 seedlings	\$31/1 000 seedlings
ti: number of trees of more than 1.2 meter for softwoods and 1.8 meter for hardwoods			45-110 or cuttings	\$271/1 000 seedlings	\$31/1 000 seedlings
ha: hectare			25-200	\$346/1 000 seedlings	\$31/1 000 seedlings
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	45-340 and 25-350-A	\$394/1 000 seedlings	\$31/1 000 seedlings
COMMERCIAL THINNING (3)			Mini recipients 126-25	\$210/1 000 seedlings	\$31/1 000 seedlings
Softwoods and mixed with softwood dominance		\$72/ha	Without site preparation		
EXECUTION			Bare-root seedlings		
Value per hectare with marking of trees to fell = $271.98 / (\text{average DBH harvested} \times 0.0414)^2$			Conventional size	\$309/1 000 seedlings	\$31/1 000 seedlings
Value per hectare without marking of trees to fell = $271.98 / (\text{average DBH harvested} \times 0.0414)^2 - 157.01$			Large size	\$465/1 000 seedlings	\$31/1 000 seedlings
Mixed with tolerant and intolerant hardwoods (4) (5)	\$674/ha	\$72/ha	Container seedlings		
Mixed with tolerant hardwoods – priority production yellow birch and softwoods with fir (4) (5) (7)	\$674/ha	\$72/ha	67-50	\$258/1 000 seedlings	\$31/1 000 seedlings
			45-110 or cuttings	\$289/1 000 seedlings	\$31/1 000 seedlings
			25-200	\$363/1 000 seedlings	\$31/1 000 seedlings
			45-340 or 25-350-A	\$412/1 000 seedlings	\$31/1 000 seedlings
			Mini-recipients 126-50	\$225/1 000 seedlings	\$31/1 000 seedlings

PROGRESSIVE SEED CUTTING (3)			SPREADING COMMERCIAL		
Softwoods	\$603/ha	\$72/ha	THINNING (3) (5)	\$675/ha	\$72/ha
Mixed with tolerant and intolerant hardwoods (4)	\$355/ha	\$72/ha	INDIVIDUAL SELECTIVE		
Tolerant and intolerant hardwoods (4)	\$355/ha	\$72/ha	THINNING (3) (4) (5) (7)		
			Tolerant hardwood	\$675/ha	\$72/ha
STRIP CUTTING WITH REGENERATION AND SOIL PROTECTION (3)			IMPROVEMENT CUTTING (3) (5)		
\$244/ha \$72/ha			Softwoods (cedars)		
			\$675/ha	\$72/ha	
PLANTING (2)			SELECTION CUTTING (3) (5)		
With site preparation			Tolerant hardwood		
Bare-root seedlings			Mixed with tolerant hardwood		
Conventional size	\$247/1 000	\$20/1 000	Softwoods (cedars)	\$675/ha	\$72/ha
	seedlings	seedlings			
Large size	\$399/1 000	\$20/1 000	SELECTION CUTTING AND SANITATION (3) (5)		
	seedlings	seedlings	Tolerant hardwood		
Seedlings 1½ to 2 meters height (hybrid poplars)	\$631/1 000	\$20/1 000	Mixed with tolerant hardwood		
	seedlings	seedlings	Softwoods (cedars)		
Container seedlings			\$675/ha \$72/ha		
67-50	\$197/1 000	\$20/1 000			
	seedlings	seedlings	SELECTION CUTTING		
45-110 or cuttings	\$226/1 000	\$20/1 000	BY PATCHES (3) (5)		
	seedlings	seedlings	\$675/ha \$72/ha		
25-200	\$301/1 000	\$20/1 000			
	seedlings	seedlings	SELECTION CUTTING AND SANITATION		
45-340 or 25-350-A	\$347/1 000	\$20/1 000	BY PATCHES (3) (5)		
	seedlings	seedlings	Tolerant hardwood		
Mini-recipient 126-25	\$189/1 000	\$20/1 000	Mixed with tolerant hardwood		
	seedlings	seedlings	Mixed with tolerant hardwood and pines		
			\$675/ha \$72/ha		
Without site preparation			SELECTION CUTTING FOR		
Bare-root seedlings			TREE AND GROUP OF TREES (3) (5) (7)		
Conventional size	\$264/1 000	\$20/1 000	Tolerant hardwood		
	seedlings	seedlings	Mixed with tolerant hardwood		
Large size	\$417/1 000	\$20/1 000	\$675/ha \$72/ha		
	seedlings	seedlings			
Container seedlings			SELECTION CUTTING AND SANITATION		
67-50	\$215/1 000	\$20/1 000	FOR TREE AND GROUP OF TREES (3) (5) (7)		
	seedlings	seedlings	Tolerant hardwood		
45-110 or cuttings	\$243/1 000	\$20/1 000	Mixed with tolerant hardwood		
	seedlings	seedlings	\$675/ha \$72/ha		
25-200	\$318/1 000	\$20/1 000			
	seedlings	seedlings	SELECTION AND REGENERATION		
45-340 or 25-350-A	\$364/1 000	\$20/1 000	CUTTING BY PARQUETS (3) (5)		
	seedlings	seedlings	\$634/ha \$72/ha		
Mini-recipient 126-25	\$205/1 000	\$20/1 000			
	seedlings	seedlings	SEEDLINGS RESERVE		
			CUTTING		
ENRICHMENT AND REINFORCEMENT PLANTING OF HARDWOODS AND PINE (2)			\$22/ha \$72/ha		
	\$592/1 000	\$31/1 000	PRESELECTION CUTTING (3) (5)		
	seedlings	seedlings	Tolerant hardwood		
			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 microsites seeded	\$20/1 000 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

\* 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 3.2% 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 12.6% 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.