M.O., 2006

Order number 2006-010 of the Minister of Natural Resources and Wildlife dated 23 March 2006

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

RESPECTING the value of silvicultural treatments admitted as payment of dues for the fiscal year 2006-2007

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), modified by chapter 3 and 44 of the law of 2005, 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 mentionned in Schedule I and their admissibility criterias are defined in the relative instructions to the application of the present Order.

3. The values admitted as payment of dues for the period beginning on 1 April 2006 and ending on 30 September 2006 correspond at 90% of the values 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 subsection 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 2005-009 of the Minister of Natural Resources and Wildlife, dated 23 March 2005.

6. This Minister's Order comes into force on 1 April 2006.

Québec, 23 March 2006

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	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)	Mixed S-Maple (hard.) or S-int.hard. (hard.)
Progressive seed cutting	X[4]	X		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	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			
Natural regeneration reinforcement planting	X	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	X
Phytosanitary pruning	X					X		X	X					
Commercial thinning	X	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]							
Selection cutting by patches					X				X			X		
Selection cutting and sanitation by patches					X				X			X		

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)	Mixed S-Maple (hard.) or S-int.hard. (hard.)
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
(ss. 2,3 and 4)

VALUES OF SILVICULTURAL TREATMENTS ADMITTED AS PAYMENT OF DUES
FISCAL YEAR 2006-2007

SITE PREPARATION (1)

Scarification	
Anchor chains	$130/ha
Shark-fin barrels and chains	$370/ha
Hydraulic cone trenchers (Wadell type)	$295/ha
Hydraulic disk trenchers (TTS hydraulic and Donaren types) or Rake scarifier (shark)	$235/ha
Batch scarifier (Bracke) or disk trencher (TTS type)	$170/ha
Batch scarifier mounder (Bracke mounder)	$235/ha
"V" blade batch scarifier (Bracke) or disk trencher	$465/ha
Cutter-type portable scarifier or forest mattock (2)	$490/1 000 microsites
Partial scarification in seed holes	
Inside the patches	$785/ha
Inside the parquets	$680/ha
Inside the regeneration cuttings	$600/ha
Forest harrows (Rome et Crabe types)	
Single pass	$265/ha
Double pass	$480/ha
36 inches harrow	$585/ha
Létourneau tree crusher	$415/ha
Ploughing and harrowing	
Forest plough (Lazure type) + forest harrow (Rome and Crabes types)	$1 445/ha
Clearing	
Rake-equipped crawler tractor	$525/ha
Winter shear-blading with a shear-blade-equipped crawler tractor	$535/ha
Grouping feller	$420/ha
Rake equipped skidder	$445/ha
Hydraulic rake	$445/ha
Modified "V" blade models C and H	$225/ha
Prescribed burning	$445/ha
MECHANICAL RELEASE TREATMENT (2)	
Boreal zone	$780/ha
Nordic temperated zone	$875/ha

PRECOMMERCIAL THINNING (2)

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

Value per hectare = 472.68 x ln(ti/ha) - 3 653.85

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	935 $/ha

COMMERCIAL THINNING (3)

Softwoods and mixed with softwood dominance

Value per hectare with marking of trees to fell
= 265.77 / (average DBH harvested x 0.0414) ^{2}

Value per hectare without marking of trees to fell
= 265.77 / (average DBH harvested x 0.0414) ^{2} – 153.43

Mixed with tolerant and intolerant hardwoods (4) (5)	$630/ha
Mixed with tolerant hardwoods – priority production yellow birch and softwoods with fir (5) (7)	$720/ha
Tolerant and intolerant hardwoods (4) (5)	$660/ha
White pine and red pine	$660/ha
DRAINAGE	
Cleared areas (without prior felling)	$1.80/m or m^{3}
Wooded areas (without prior felling)	$2.00/m or m^{3}
Wooded areas (with prior felling)	$2.30/m or m^{3}
FERTILIZATION	
Softwoods	$410/ha
NATURAL REGENERATION FILL	
PLANTING AND RED PINE AND WHITE PINE PLANTING (2) (6)	
With site preparation	
Bare-root seedlings	
Conventional size	$285/1 000 seedlings
Large size	$435/1 000 seedlings
Seedlings 1 $^{1}/_{2}$ to 2 meters height (hybrid poplars)	$660/1 000 seedlings

Container seedlings	
67-50	$235/1 000 seedlings
45-110 or cuttings	$265/1 000 seedlings
25-200	$340/1 000 seedlings
45-340 and 25-350-A	$385/1 000 seedlings
Mini recipients 126-25	$205/1 000 seedlings
Without site preparation	
Bare-root seedlings	
Conventional size	$300/1 000 seedlings
Large size	$455/1 000 seedlings
Container seedlings	
67-50	$250/1 000 seedlings
45-110 or cuttings	$280/1 000 seedlings
25-200	$355/1 000 seedlings
45-340 or 25-350-A	$400/1 000 seedlings
Mini-recipients 126-50	$220/1 000 seedlings
PROGRESSIVE SEED CUTTING (3)	
Softwoods	$590/ha
Mixed with tolerant and intolerant hardwoods (4)	$660/ha
Tolerant and intolerant hardwoods (4)	$660/ha
STRIP CUTTING WITH REGENERATION AND SOIL PROTECTION (3)	$240/ha
PLANTING (2)	
With site preparation	
Bare-root seedlings	
Conventional size	$240/1 000 seedlings
Large size	$390/1 000 seedlings
Seedlings 1 1/2 to 2 meters height (hybrid poplars)	$615/1 000 seedlings
Container seedlings	
67-50	$195/1 000 seedlings
45-110 or cuttings	$220/1 000 seedlings
25-200	$295/1 000 seedlings
45-340 or 25-350-A	$340/1 000 seedlings
Mini-recipients 126-25	$185/1 000 seedlings
Without site preparation	
Bare-root seedlings	
Conventional size	$260/1 000 seedlings
Large size	$405/1 000 seedlings
Container seedlings	
67-50	$210/1 000 seedlings
45-110 or cuttings	$240/1 000 seedlings
25-200	$310/1 000 seedlings
45-340 or 25-350-A	$355/1 000 seedlings
Mini-recipients 126-25	$200/1 000 seedlings
ENRICHMENT AND REINFORCEMENT PLANTING OF HARDWOODS AND PINE (2)	$580/1 000 seedlings
SPREADING COMMERCIAL THINNING (3) (5)	$660/ha
INDIVIDUAL SELECTIVE THINNING (3) (5)	
Tolerant hardwood	$720/ha
IMPROVEMENT CUTTING (3) (5)	
Softwoods (cedars)	$660/ha
SELECTION CUTTING (3) (5)	
Tolerant hardwood	$660/ha
Mixed with tolerant hardwood	$660/ha
Softwoods (cedars)	$660/ha
SELECTION CUTTING AND SANITATION (3) (5)	
Tolerant hardwood	$660/ha
Mixed with tolerant hardwood	$660/ha
SELECTION CUTTING BY PATCHES (3) (5)	$660/ha
SELECTION CUTTING AND SANITATION BY PATCHES (3) (5)	
Tolerant hardwood	$660/ha
Mixed with tolerant hardwood	$660/ha
Mixed with tolerant hardwood and pines	$660/ha
SELECTION CUTTING FOR TREE AND GROUP OF TREES (3) (5) (7)	
Tolerant hardwood	$660/ha
Mixed with tolerant hardwood	$660/ha
SELECTION CUTTING AND SANITATION FOR TREE AND GROUP OF TREES (3) (5) (7)	
Tolerant hardwood	660 $/ha
Mixed with tolerant hardwood	660 $/ha
SELECTION AND REGENERATION CUTTING BY PARQUETS (3) (5)	$620/ha
SEEDLINGS RESERVE CUTTING	$20/ha

PRESELECTION CUTTING (3) (5)	
Tolerant hardwood	$660/ha
Mixed with tolerant hardwood	$660/ha
PRESELECTION CUTTING AND SANITATION (3) (5)	
Tolerant hardwood	$660/ha
Mixed with tolerant hardwood	$660/ha
PINE SEEDING	
Aerial seeding	$40/ha
Ground seeding	$155/ha
Funnels	$345/1 000 microsites seeded
SELECTION CUTTING FOR MAPLE SAP AND WOOD PRODUCTION (3) (5)	$660/ha
PHYTOSANITARY PRUNING	$450/ha

(1) The value admitted as payment of dues can be increased by 2.6% 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.

(2) 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.

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

(4) 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.

(5) The value admitted as payment of dues is increased by $30 when felling and skidding paths are flagged.

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

(7) The admitted value can be increase by $200/ha if valid patches according to official instructions was created during harvest operation.

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

7526