

M.O., 2000**Order 425 of the Minister of Natural Resources respecting the value of silvicultural treatments admitted as payment of dues for the fiscal year 2000-2001**

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 2000-2001 fiscal year are those established in Schedule II.

4. This Minister's Order replaces Minister's Order 405 of the Minister of Natural Resources, published in Part 2 of the Gazette officielle du Québec of 31 March 1999.

5. This Minister's Order of the Minister of Natural Resources comes into force on 1 April 2000.

JACQUES BRASSARD,
Minister of Natural Resources

SCHEDULE I

(s.1)

SILVICULTURAL TREATMENTS ADMISSIBLE BY PRODUCTION PRIORITY GROUPE

Silvicultural treatments admissible	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	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 patches					X				X			X		
Selection cutting for maple and wood production							X							X

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Preselection cutting							X							X
Strip cutting with regeneration and soil protection	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		
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			
Site preparation, natural regeneration reinforcement planting and release treatment	X	X			X	X		X	X	X	X	X	X	X
Drainage	X	X												
Enrichment planting					X	X		X	X					

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

SCHEDULE II

(s. 2 and 3)

VALUE OF SILVICULTURAL TREATMENTS ADMITTED AS PAYMENT OF DUES FISCAL YEAR 2000-2001

1. SITE PREPARATION

Scarification

Anchor chains	105 \$/ha
Shark-fin barrels and chains	300 \$/ha
Hydraulic cone trenchers (Wadell type)	240 \$/ha
Hydraulic disk trenchers (TTS hydraulic and Donaren types)	190 \$/ha
Rake scarifier (shark)	190 \$/ha
Batch scarifier (Bracke), disk trencher (TTS type)	135 \$/ha
Batch scarifier moulder (Bracke moulder)	190 \$/ha
“V” blade batch scarifier (Bracke) or disk trencher	375 \$/ha

Cutter-type portable scarifier
forest mattock 330 \$/1 000
microsites

Forest harrows (Rome et Crabe types)
Single pass 215 \$/ha
Double pass 385 \$/ha
36 inches harrow 475 \$/ha
Létourneau tree crusher 335 \$/ha

Winter shear-blading with a
shear-blade-equipped crawler tractor 435 \$/ha

Clearing
Rake-equipped crawler tractor 425 \$/ha
Rake equipped skidder or hydraulic rake 360 \$/ha
Modified “V” blade models C and H 180 \$/ha

Ploughing and harrowing
Forest plough (Lazure type) + forest
harrow (Rome and Crabes types) 1 170 \$/ha

Prescribed burning 395 \$/ha

2. RELEASE TREATMENT

Mechanical

Coniferous or boreal forest zone	650 \$/ha
Mixed and hardwood forest zones	730 \$/ha

Herbicides

Ground spraying	340 \$/ha
Aerial spraying	205 \$/ha

3. PRECOMMERCIAL THINNING

Priority production of softwoods and mixed predominantly softwood stands and priority production of poplars and mixed predominantly poplar stands

Value per hectare = $424,33 \times \ln(ti/ha) - 3\,280,09$

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 intolerant hardwoods and mixed predominantly intolerant hardwoods(except priority production of poplars and mixed predominantly poplar stands) 845 \$/ha

Priority production of tolerant hardwoods and mixed predominantly tolerant hardwood stands 805 \$/ha

4. COMMERCIAL THINNING*

Softwoods

Average DBH of felled trees (cm)	Value with tree marking (\$/ha)	Value without tree marking (\$/ha)
10 à 10,9	1 255	1 110
11 à 11,9	1 050	905
12 à 12,9	885	740
13 à 14,9	705	560
15 et plus	540	395

Mixed with tolerant and intolerant hardwoods 565 \$/ha
Tolerant and intolerant hardwoods 240 \$/ha

5. DRAINAGE

Cleared areas (without prior felling)	1,50 \$/m or m ³
Wooded areas (without prior felling)	1,65 \$/m or m ³
Wooded areas (with prior felling)	1,85 \$/m or m ³

6. FERTILIZATION

Softwoods	370 \$/ha
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7. NATURAL REGENERATION REINFORCEMENT PLANTING RED PINE AND WHITE PINE PLANTING

With site preparation

Bare-root seedlings	
Conventional size	35\$/1000 seedlings
Large size	370 \$/1000 seedlings
Container seedlings	
67-50	190 \$/1000 seedlings
45-110	200 \$/1 000 seedlings
25-200	260 \$/1 000 seedlings
45-340 and 25-350-A	325 \$/1 000 seedlings

Without site preparation

Bare-root seedlings	
Conventional size	250 \$/1 000 seedlings
Large size	385 \$/1 000 seedlings
Container seedlings	
67-50	205 \$/1 000 seedlings
45-110	215 \$/1 000 seedlings
25-200	275 \$/1 000 seedlings
45-340 or 25-350-A	340 \$/1 000 seedlings

8. PROGRESSIVE SEED CUTTING*

Softwoods	530 \$/ha
Mixed with tolerant and intolerant hardwoods	240 \$/ha
Tolerant and intolerant hardwoods	240 \$/ha

9. STRIP CUTTING WITH REGENERATION AND SOIL PROTECTION*

215 \$/ha

10. PLANTING

With site preparation

Bare-root seedlings	
Conventional size	215 \$/1 000 seedlings
Large size	350 \$/1 000 seedlings
Container seedlings	
67-50	175 \$/1 000 seedlings
45-110 or cuttings	180 \$/1 000 seedlings
25-200	240 \$/1 000 seedlings
45-340 or 25-350-A	305 \$/1 000 seedlings

Without site preparation			
Bare-root seedlings			
Conventional size	230	\$/1 000 seedlings	
Large size	365	\$/1 000 seedlings	
Container seedlings			
67-50	190	\$/1 000 seedlings	
45-110	195	\$/1 000 seedlings	
25-200	255	\$/1 000 seedlings	
45-340 or 25-350-A	320	\$/1 000 seedlings	
11.	ENRICHMENT AND REINFORCEMENT PLANTING OF HARDWOODS AND PINE	520	\$/1 000 seedlings
12.	SPREADING COMMERCIAL THINNING*	240	\$/ha
13.	IMPROVEMENT CUTTING*		
	Tolerant hardwood	240	\$/ha
	Mixed with tolerant hardwood	240	\$/ha
	Cedar	230	\$/ha
14.	SELECTION CUTTING*		
	Tolerant hardwood	240	\$/ha
	Mixed with tolerant hardwood	240	\$/ha
	Cedar	230	\$/ha
15.	SELECTION CUTTING BY PATCHES*	240	\$/ha
16.	SELECTION AND REGENERATION CUTTING BY PATCHES*	240	\$/ha
17.	PRESELECTION CUTTING*		
	Tolerant hardwood	240	\$/ha
	Mixed with tolerant hardwood	240	\$/ha
18.	PINE SEEDING		
	Aerial seeding	35	\$/ha
	Ground seeding	135	\$/ha
	Funnels	310	\$/1 000 microsites seeded
19.	SELECTION CUTTING FOR MAPLE SAP AND WOOD PRODUCTION*	375	\$/ha
20.	MOSAICS CUTTING WITH REGENERATION AND SOIL PROTECTION**	55	\$/ha
*	The value admitted as payment of dues includes some harvesting, road construction or tree marking costs.		
**	Treatment admissible at the latest until march 31st 2003.		
Note:	The expression "tolerant hardwoods" includes white pine and red pine.		
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