Development expenses for the technical component include the planning, follow-up and supervision costs.

Development expenses for the execution component include the costs for performance.

(1) Site preparation

Treatment to prepare the site for the planting of an optimum, well-distributed quantity of seedlings according to the following techniques:

(1.1) Manual or mechanical bush clearing and site clearing

Removal of bushes and commercially unusable ligneous matter and windrowing or piling of that material either manually or mechanically.

Type	Unit of measurement	Component	Value of expenses	Family of development expenses
Manual	Hectare	Technical	$181	T.T.
Manual	Hectare	Execution	$426	PtRMa
Mechanical	Hectare	Technical	$512	T.T.
Mechanical	Hectare	Execution	$1,210	PtRMe

(1.2) Salvage, bush clearing and site clearing

Harvest in a low-value stand of all mature merchantable timber or deteriorating timber followed by mechanical bush clearing and site clearing as described in 1.1.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$455	T.T.
Hectare	Execution	$1,071	PtRMe

(1.3) Mechanical site clearing

Windrowing, piling or chipping of commercially unusable ligneous matter to facilitate the planting of seedlings.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$203	T.T.
Hectare	Execution	$476	PtRMe

(1.4) Chipping

Removal and chipping of bush and unusable ligneous matter in a single operation.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$392	T.T.
Hectare	Execution	$925	PtRMe

(1.5) Forest harrowing

Removal of bush and loosening of the soil by means of a forest harrow.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$379	T.T.
Hectare	Execution	$895	PtRMe

(1.6) Forest ploughing and harrowing

Removal of bush and loosening of the soil by means of a forest plough and harrow.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$549	T.T.
Hectare	Execution	$1,297	PtRMe

(1.7) Agricultural ploughing and harrowing

Loosening of the soil by means of an agricultural plough and harrow to promote the planting of tolerant hardwoods or hybrid poplars.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$159	T.T.
Hectare	Execution	$375	PtRMe

(1.8) Shear-blading with a shear-blade-equipped tractor

Removal of bush and windrowing of that material with a shear-blade-equipped tractor; this operation must be carried out without damaging the soil, and for that reason it is generally performed when the ground is frozen.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$259	T.T.
Hectare	Execution	$613	PtRMe

(1.9) Scarification

An operation consisting in loosening, more or less energetically, the surface layers of the soil to mix the organic matter and the mineral soil. Scarification is light when performed with a disk trencher, a batch scarifier or an agricultural plough; average when performed with shark-fin barrels and chains or hydraulic trenchers; and manual when performed with hand tools.

Type	Unit of measurement	Component	Value of expenses	Family of development expenses
Light	Hectare	Technical	$137	T.T.
Light	Hectare	Execution	$322	PtRMe
Average	Hectare	Technical	$192	T.T.
Average	Hectare	Execution	$454	PtRMe
Manual	1,000 microsites	Technical	$137	T.T.
Manual	1,000 microsites	Execution	$320	PtRMa

(1.10) Mounding scarification

An operation consisting in producing mounds of soil using an excavator or a feller to create at least 800 microsites per hectare in order to perform intensive sylviculture or reforestation of hardwood, white pine or red pine.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$317	T.T.
Hectare	Execution	$749	PtRMe

(2) Planting

Adequate planting, either mechanically or manually, of an optimum, well distributed quantity of cuttings, whips or seedlings in order to produce ligneous matter.

Type of planting	Unit of measurement	Component	Value of expenses	Family of development expenses
Mechanical planting	1,000 seedlings	Technical	$74	T.T.
Mechanical planting	1,000 seedlings	Execution	$173	PtRMe
Manual planting of one of the following types of seedlings:	1,000 seedlings			

Regular bare-root softwood		Technical	$119	T.T.
Regular bare-root softwood		Execution	$278	PtRMa
Large bare-root softwood		Technical	$151	T.T.
Large bare-root softwood		Execution	$353	PtRMa
Softwood in containers 50 to 109 cubic centimetres (cc)		Technical	$108	T.T.
Softwood in containers 50 to 109 cc		Execution	$250	PtRMa
Softwood in containers 110 to 199 cc		Technical	$111	T.T.
Softwood in containers 110 to 199 cc		Execution	$260	PtRMa
Softwood in containers 200 to 299 cc		Technical	$141	T.T.
Softwood in containers 200 to 299 cc		Execution	$329	PtRMa
Softwood in containers 300 cc and over		Technical	$173	T.T.
Softwood in containers 300 cc and over		Execution	$404	PtRMa
Bare-root hybrid poplar		Technical	$209	T.T.
Bare-root hybrid poplar		Execution	$486	PtRMa
Bare-root hardwood		Technical	$167	T.T.
Bare-root hardwood		Execution	$389	PtRMa
Hardwood in containers		Technical	$216	T.T.
Hardwood in containers		Execution	$500	PtRMa

(3) Reinforcement planting in plantations or in naturally regenerated stands

Adequate planting of seedlings in places where natural or artificial (planting) regeneration is insufficient so as to obtain a number of evenly distributed stems of the desired species.

Type of reinforcement	Unit of measurement	Component	Value of expenses	Family of development expenses
Planting of one of the following types of seedlings:	1,000 seedlings			
Regular bare-root softwood		Technical	$131	T.T.
Regular bare-root softwood		Execution	$310	PtRMe
Large bare-root softwood		Technical	$166	T.T.
Large bare-root softwood		Execution	$389	PtRMe
Softwood in containers 50 to 109 cubic centimetres (cc)		Technical	$117	T.T.
Softwood in containers 50 to 109 cc		Execution	$273	PtRMa
Softwood in containers 110 to 199 cc		Technical	$123	T.T.
Softwood in containers 110 to 199 cc		Execution	$286	PtRMa
Softwood in containers 200 to 299 cc		Technical	$155	T.T.
Softwood in containers 200 to 299 cc		Execution	$359	PtRMa
Softwood in containers 300 cc and over		Technical	$191	T.T.
Softwood in containers 300 cc and over		Execution	$446	PtRMa
Bare-root hybrid poplar		Technical	$257	T.T.

Bare-root hybrid poplar		Execution	$608	PtRMe
Bare-root hardwood		Technical	$179	T.T.
Bare-root hardwood		Execution	$422	PtRMe
Hardwood in containers		Technical	$273	T.T.
Hardwood in containers		Execution	$647	PtRMe
Natural regeneration of one of the following types of seedlings:	1,000 seedlings			
Regular bare-root softwood		Technical	$142	T.T.
Regular bare-root softwood		Execution	$337	PtRMe
Large bare-root softwood		Technical	$176	T.T.
Large bare-root softwood		Execution	$416	PtRMe
Softwood in containers 110 to 199 cubic centimetres (cc)		Technical	$137	T.T.
Softwood in containers 110 to 199 cc		Execution	$322	PtRMe
Softwood in containers 200 to 299 cc		Technical	$166	T.T.
Softwood in containers 200 to 299 cc		Execution	$389	PtRMe
Softwood in containers 300 cc and over		Technical	$203	T.T.
Softwood in containers 300 cc and over		Execution	$475	PtRMe
Bare-root hardwood		Technical	$179	T.T.
Bare-root hardwood		Execution	$422	PtRMe
Hardwood in containers		Technical	$218	T.T.
Hardwood in containers		Execution	$509	PtRMe

(4) Enrichment planting

In a stand, adequate planting, either in patches or mini-strips, of seedlings of tolerant species in order to improve the quality and composition of the regeneration of commercial species.

Type of enrichment	Unit of measurement	Component	Value of expenses	Family of development expenses
In patches of one of the following types of seedlings:	1,000 seedlings			
Regular bare-root softwood		Technical	$140	T.T.
Regular bare-root softwood		Execution	$328	PtRMa
Large bare-root softwood		Technical	$213	T.T.
Large bare-root softwood		Execution	$494	PtRMa
Softwood in containers 200 to 299 cubic centimetres (cc)		Technical	$213	T.T.
Softwood in containers 200 to 299 cc		Execution	$494	PtRMa
Softwood in containers 300 cc and over		Technical	$233	T.T.
Softwood in containers 300 cc and over		Execution	$541	PtRMa
Bare-root hardwood		Technical	$213	T.T.
Bare-root hardwood		Execution	$494	PtRMa
Hardwood in containers		Technical	$288	T.T.
Hardwood in containers		Execution	$674	PtRMa
In mini-strips of one of the following types of seedlings:	1,000 seedlings			
Regular bare-root softwood		Technical	$103	T.T.
Regular bare-root softwood		Execution	$239	PtRMa
Large bare-root softwood		Technical	$130	T.T.

Large bare-root softwood		Execution	$302	PtRMa
Softwood in containers 50 to 109 cubic centimetres (cc)		Technical	$93	T.T.
Softwood in containers 50 to 109 cc		Execution	$214	PtRMa
Softwood in containers 110 to 199 cc		Technical	$97	T.T.
Softwood in containers 110 to 199 cc		Execution	$224	PtRMa
Softwood in containers 200 to 299 cc		Technical	$121	T.T.
Softwood in containers 200 to 299 cc		Execution	$281	PtRMa
Softwood in containers 300 cc and over		Technical	$150	T.T.
Softwood in containers 300 cc and over		Execution	$348	PtRMa
Bare-root hardwood		Technical	$140	T.T.
Bare-root hardwood		Execution	$328	PtRMa
Hardwood in containers		Technical	$206	T.T.
Hardwood in containers		Execution	$482	PtRMa

(5) Tending of plantations or natural regeneration

A treatment carried out in order to maintain or improve the growth or quality of the regeneration of desired species according to the following techniques:

(5.1) Weeding

An operation to control competing grasses hindering seedling growth by mowing or harrowing; this also includes straightening of seedlings that have been pulled over by grasses.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$119	T.T.
Hectare	Execution	$279	E.P.

(5.2) Mechanical or manual release treatment and mulch spreading

An operation to control competing vegetation hindering the growth of desired trees by manual or mechanical means or, in plantations of hardwood species, by spreading mulch.

Type	Unit of measurement	Component	Value of expenses	Family of development expenses
Release treatment	Hectare	Technical	$337	T.T.
Release treatment	Hectare	Execution	$787	E.P.
Mulch	1,000 mats	Technical	$436	T.T.
Mulch	1,000 mats	Execution	$1,030	PtRMe

(5.3) Fertilization and forest amendment

A treatment consisting in the application of chemical or organic fertilizers for timber production in fast-growing tree species stands and in sugar bushes intended for forest or acericultural-forest use that is the subject of a sylvicultural diagnostic by a forest engineer.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$238	T.T.
Hectare	Execution	$562	PtRMe

(5.4) Pruning

An operation to maintain or improve the quality of trees

(1) by cutting off dead or living branches from the lower trunk of crop trees, in the case of red pine or white pine plantations;

(2) by cutting off dead or living branches over a minimum height of 4 m of the tree trunk and a minimum of 300 crop trees per hectare, in the case of plantations of softwood species other than red pine or white pine;

(3) by removing double or multiple heads or branches which, because of their strong growth, might produce forks or impede the growth of the trunk (pruning for shaping), in the case of plantations of hardwood species; and

(4) by removing double or multiple heads or branches which, because of their strong growth, might produce forks or impede the growth of the trunk (pruning for shaping), in the case of the natural regeneration of hardwood species.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$198	T.T.
Hectare	Execution	$465	E.P.

(6) Protection treatment

A treatment against insects, diseases or animals to prevent them from spreading or to minimize the damage they cause to trees.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$213	T.T.
Hectare	Execution	$496	PtRMa

(7) Precommercial thinning and intermediate thinning

Removal, from a young stand, of excess trees impeding the growth of selected trees, with or without prior marking, in order to improve the growth, quality or composition of the stand and to even the spacing between the trees. The treatment does not focus on merchantable timber harvesting.

Type of stand	Unit of measurement	Component	Value of expenses	Family of development expenses
Softwood	Hectare	Technical	$440	T.T.
Softwood	Hectare	Execution	$1,032	E.P.
Tolerant hardwood	Hectare	Technical	$431	T.T.

Tolerant hardwood	Hectare	Execution	$1,013	E.P.
Intolerant hardwood	Hectare	Technical	$369	T.T.
Intolerant hardwood	Hectare	Execution	$865	E.P.

(8) Commercial thinning

Cutting practised in a forest stand that has not reached maturity, intended to accelerate the diameter growth of the remaining trees, and also, by appropriate selection, to improve the average form for the stand.

Type of stand	Unit of measurement	Component	Value of expenses	Family of development expenses
Hardwood with marking	Hectare	Technical	$364	T.T.
Hardwood with marking	Hectare	Execution	$856	T.C.
Softwood from plantation or precommercial thinning	Hectare	Technical	$524	T.T.
Softwood from plantation or precommercial thinning	Hectare	Execution	$1,236	T.C.
Softwood not from plantation or precommercial thinning with marking	Hectare	Technical	$519	T.T.
Softwood not from plantation or precommercial thinning with marking	Hectare	Execution	$818	T.C.
Softwood not from plantation or precommercial thinning without marking	Hectare	Technical	$348	T.T.

Softwood not from plantation or precommercial thinning without marking	Hectare	Execution	$818	T.C.

(9) Improvement, sanitation or salvage cutting

Cutting for the purpose of correcting a special or unusual situation, in particular a natural disaster:

(1) improvement cutting is performed, in a stand of trees beyond the sapling stage, by removing undesirable species or malformed trees, in order to improve the composition, structure and condition of the stand;

(2) sanitation cutting removes trees killed or weakened by diseases or insects to prevent such pests from attacking the rest of the stand; and

(3) salvage cutting removes dead, dying or deteriorating trees before the timber becomes unusable.

Type of treatment	Unit of measurement	Component	Value of expenses	Family of development expenses
Improvement cutting	Hectare	Technical	$397	T.T.
Improvement cutting	Hectare	Execution	$936	T.C.
Sanitation cutting	Hectare	Technical	$296	T.T.
Sanitation cutting	Hectare	Execution	$699	T.C.
Salvage cutting	Hectare	Technical	$142	T.T.
Salvage cutting	Hectare	Execution	$338	T.C.

(10) Progressive seed cutting

A cutting that is part of a series of partial cuts in a stand at cutting age, which over a period of time will open up the forest cover, thereby encouraging regeneration.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$401	T.T.
Hectare	Execution	$946	T.C.

(11) Succession cutting

The harvesting of trees in the overstorey while preserving the regeneration of desired species already established in the understorey for the purpose of improving the composition of the stand.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$320	T.T.
Hectare	Execution	$756	T.C.

(12) Strip cutting or patch cutting

Strip cutting or patch cutting in a stand at cutting age in 2 or more cycles in order to encourage natural regeneration or protect vulnerable stations, landscapes, wildlife habitats or water.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$173	T.T.
Hectare	Execution	$407	T.C.

(13) Selection cutting

The periodic harvesting of trees selected individually or in small groups in

- an irregular structure in order to harvest its production and to bring it to an uneven-aged structure, while also ensuring the necessary cultivation of growing trees and encouraging seed establishment;

- an uneven-aged structure, in order to bring it or maintain it in a balanced uneven-aged structure while also ensuring the necessary cultivation of growing trees, encouraging seed establishment and maintaining a sufficient number of tapholes to allow, ensure and develop acericultural production.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$401	T.T.
Hectare	Execution	$946	T.C.

(14) Forest-fauna work

Forest development activities provided for in this Regulation are considered forest-fauna work if they are performed to conserve or improve a wildlife habitat. The work results from an analysis of the wildlife potential and is provided for in the multiresource schedule to the forest development plan (FDP) or the sylvicultural prescription of a forest engineer.

The amount of the value of the expenses of the technical or execution component is increased by 10%.

(15) Other work

Execution of a prescription of a forest engineer followed by an execution report for any treatment not defined in this Regulation for producing ligneous matter.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$317	T.T.
Hectare	Execution	Not applicable (N/A)	N/A.

(16) Forest roads

Construction or improvement of access roads, bridges or culverts in order to facilitate forest operations.

Type	Unit of measurement	Component	Value of expenses	Family of development expenses
Construction of access roads	Kilometre (km)	Technical	$833*	T.T.
Construction of access roads	Km	Execution	$1,967*	T.C.
Improvement of access roads	Km	Technical	$397*	T.T.
Improvement of access roads	Km	Execution	$936*	T.C.
Construction of bridges or culverts	A bridge or a culvert	Technical	$467*	T.T.
Construction of bridges or culverts	A bridge or a culvert	Execution	$1,102*	T.C.
Improvement of bridges or culverts	A bridge or a culvert	Technical	$64*	T.T.
Improvement of bridges or culverts	A bridge or a culvert	Execution	$150*	T.C.

* Upon presentation of eligible invoices and proof of payment by the producer (to be attached to the forest engineer's report for validation), the value of the expense indicated in the above table may correspond to the total of the amount of the validated invoices, up to twice the indicated value.

(17) Forest development plan (FDP)

Information and planning tool prepared by a forest engineer for the benefit of a forest producer and for the purpose of protecting and developing forest property.

Unit of measurement	Component	Value of expenses	Family of development expenses
Per FDP with an area of:			
4 to 10 hectares (ha)	Technical	$529*	T.T.
4 to 10 ha	Execution	N/A	N/A
11 to 50 ha	Technical	$582*	T.T.
11 to 50 ha	Execution	N/A	N/A
51 to 100 ha	Technical	$760*	T.T.
51 to 100 ha	Execution	N/A	N/A
101 to 799 ha	Technical	$1,057*	T.T.
101 to 799 ha	Execution	N/A	N/A
800 ha and over	Technical	$1,268*	T.T.
800 ha and over	Execution	N/A	N/A

* Upon presentation of eligible invoices and proof of payment by the producer (to be attached to the forest engineer's report for validation), the value of the expense indicated in the above table may correspond to the total of the amount of the validated invoices, up to twice the indicated value.

(18) Multiresource component provided for in the FDP

Preparation of an information tool for multiresource potentials based on multiresource data collection; that component is in addition to the FDP, as it is described in point 17 of this Schedule.

Unit of measurement	Component	Value of expenses	Family of development expenses
Per FDP	Technical	$212*	T.T.
Per FDP	Execution	N/A	N/A

* Upon presentation of eligible invoices and proof of payment by the producer (to be attached to the forest engineer's report for validation), the value of the expense indicated in the above table may correspond to the total of the amount of the validated invoices, up to twice the indicated value.

(19) Section on species in a precarious situation and exceptional forest ecosystems

Written report of a visit by a forest engineer or a biologist confirming, modifying or clarifying the data

(1) of the Centre de données sur le patrimoine naturel du Québec respecting a species designated or likely to be designated threatened or vulnerable under the Act respecting threatened or vulnerable species (chapter E-12.01);

(2) of the databank of the Ministère des Forêts, de la Faune et des Parcs respecting exceptional forest ecosystems; or

(3) on a sensitive element identified in the protection and development plan of the private forest in the region.

The report must also specify the recommended action to be taken based on the situation observed.

Unit of measurement	Component	Value of expenses	Family of development expenses
Per FDP with an area of:			
4 to 10 hectares (ha)	Technical	$263*	T.T.
4 to 10 ha	Execution	N/A	N/A
11 to 50 ha	Technical	$422*	T.T.
11 to 50 ha	Execution	N/A	N/A
51 to 100 ha	Technical	$529*	T.T.
51 to 100 ha	Execution	N/A	N/A
101 to 799 ha	Technical	$739*	T.T.
101 to 799 ha	Execution	N/A	N/A
800 ha and over	Technical	$952*	T.T.
800 ha and over	Execution	N/A	N/A

* Upon presentation of eligible invoices and proof of payment by the producer (to be attached to the forest engineer's report for validation), the value of the expense indicated in the above table may correspond to the total of the amount of the validated invoices, up to twice the indicated value.

(20) Zoning of sensitive forest environment

Zoning on site

(1) of a site identified

(*a*) at the Centre de données sur le patrimoine naturel du Québec respecting a species designated or likely to be designated threatened or vulnerable under the Act respecting threatened or vulnerable species (chapter E-12.01);

(*b*) in the databanks on exceptional forest ecosystems, wetlands, aquatic fauna, of the Ministère des Forêts, de la Faune et des Parcs; or

(*c*) in the wildlife habitat plan of the Ministère des Forêts, de la Faune et des Parcs;

(2) of a sensitive element identified in the protection and development plan of the private forest in the region involved

to exclude it from a management activity planned for the next 2 years.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$164	T.T.
Hectare	Execution	N/A	N/A

(21) Advisory visit

Advisory visit, including an analysis on the site to follow through on the FDP with the owner, or to advise the owner on the carrying out of development work on the owner's wooded land. The visit must be made under the responsibility and supervision of a forest engineer.

Maximum number of visits per FDP per year: 1.

Unit of measurement	Component	Value of expenses	Family of development expenses
Visit	Technical	$370	T.T.
Visit	Execution	N/A	N/A

(22) Forestry certification

Obtaining or maintaining a forestry certification within a recognized community program.

Unit of measurement	Component	Value of expenses	Family of development expenses
Hectare	Technical	$3	T.T.
Hectare	Execution	N/A	N/A