

Ministry of Forests Cone and Seed Fee Schedule

Effective July 1, 2003

Surplus Seed Prices

The following prices apply to the sale of ministry seed purchased on an individual sowing request basis.

1. Seed Orchard Seed

Species	Species Code	Price per kg of seed	Average Germination
Cedar, western red	Cw	\$6,500	82%
Douglas-fir: (genetic worth 2-6%)	Fd	\$2,500	90%
Douglas-fir: (genetic worth \geq 7%)	Fd	\$3,850	90%
Hemlock, western	Hw	\$5,500	91%
Larch, western	Lw	\$3,850	88%
Pine, lodgepole	Pl	\$6,300	93%
Pine, western white	Pw	\$2,500	88%
Spruce, interior	Sx	\$4,400	90%
Spruce, Sitka	Ss	\$4,000	92%

2. Natural Stand Seed

Species	Species Code	Price per kg of seed	Average Germination
Cedar, western red	Cw	\$1,355	82%
Cedar, yellow (cypress)	Yc	\$3,007	40%
Douglas-fir, Coastal	Fdc	\$750	90%
Douglas-fir, Coastal (1966 crop)	Fdc	\$428	80%
Douglas-fir, Interior	Fdi	\$557	90%
Fir, grand	Bg	\$194	80%
Fir, Pacific silver (amabilis)	Ba	\$242	76%
Fir, subalpine	Bl	\$387	63%
Hemlock, mountain	Hm	\$1,779	88%
Hemlock, western	Hw	\$1,392	91%
Larch, western	Lw	\$1,525	88%
Pine, lodgepole Coastal	Plc	\$1,234	93%
Pine, lodgepole Interior	Pli	\$1,482	93%
Pine, western white	Pw	\$908	88%
Pine, yellow (ponderosa)	Py	\$242	91%
Spruce, Sitka	Ss	\$811	92%
Spruce, other	Sx	\$668	90%



3. Germination Price Adjustment

If the percent germination of a seedlot is the same or higher than the average listed in the tables, there is no adjustment to the price.

If the percent germination of a seedlot is lower than the average in the tables, the following adjustment formula will apply.

Adjustment formula: $\frac{\% \text{ germination of seedlot}}{\text{Average \% germination of species}} \times \text{price per kg} = \text{adjusted price per kg}$

Example: Coastal Douglas-fir seedlot;
Seedlot germination 75%
Average germination for Coastal Douglas-fir - 90%
Price per kg - \$750

Adjustment formula is: $75/90 \times \$750 = \625 per kilogram

4. Price Variations

The ministry may set different prices for seed if:

- there is no seed price listed for the species and source;
- the ministry acquired the seed for a price different from that listed in the tables above;
- the seed was produced to specifications requested by a client which required additional resources to produce, collect or process; or
- the seed is sold as part of a bulk sale or seed supply agreement.



Cone and Seed Service Fees

This schedule contains fees for the following services offered at the ministry's Tree Seed Centre:

- 1. Cone and Seed Processing**
- 2. Seed Testing**
- 3. Seed Preparation**
- 4. Seed Withdrawal and Transport**
- 5. Other Services**

This fee schedule does not apply to services rendered in registering and storing seed in accordance with the prescribed requirements under the *Forest Practices Code of British Columbia Act*, and the *Forest and Range Practices Act* - including associated seed testing, withdrawal, and transport.

For information about all Tree Seed Centre services, please contact the manager at (604) 541-1683, extension 224 or visit <http://www.for.gov.bc.ca/hti/treeseedcenter/index.htm>

1. Cone and Seed Processing

1.1 Basic Processing Fees

Type of seedlot	Fee per request
Standard (bulk)	\$100
Family	\$75

Basic seedlot charges are divided equally among owners.

1.2 Processing Fees by Species

In addition to the Basic Processing Fees, the following fees apply:

Species	Fees \$/Hectolitre Cones
Pine, lodgepole (interior & coast) Pine, white, Pine, whitebark & limber	\$40
Spruce, interior	\$48
Douglas-fir (interior & coast)	\$50
Alder spp. Birch spp. Cedar, western red Cedar, yellow Hemlock, western Larch spp. Pine, yellow (ponderosa)	\$60
Spruce, black	\$73
Fir, amabilis, grand, subalpine Hemlock, mountain	\$100

Multi-agency seedlot charges are apportioned by volume owned.

Lots less than or equal to two hectolitres in size are subject to a 10% surcharge.



Services provided for the above fees include:

- pre-collection cone and seed evaluations
- pre-treatment, conditioning and storage of cones
- kiln, wind and/or ambient drying of cones
- tumbling and/or screening to extract and recover seeds
- seed cleaning, de-winging and separation to specified purity, moisture, filled seed and homogeneity standards
- mixing, labelling, and bagging of seed
- cone and seed inspections performed throughout the process
- On processing completion, observations, results and any recommendations are reported to clients. Problems may be reported to clients at any stage during processing.
- All standard germination testing, seeds per gram, moisture content and purity.
- Every effort to process seedlots on a priority basis is made providing the seedlot in question can tolerate expedited processing.

Fees for the processing of seed only are based on a proportion of the applicable Basic Processing and Cone and Seed Processing Fees above. Contact the Tree Seed Centre for more information.

2. Seed Testing

If clients wish to request additional or family lot testing, the following per test charges apply. The Tree Seed Centre offers these services using International Seed Testing Association (ISTA) standards and protocols.

2.1 Germination tests

Species	Fee per test*
Douglas-fir (interior & coast) Pine, lodgepole (interior & coast) Pine, yellow (ponderosa) Spruce spp.	\$22
Alder spp. Birch spp. Cedar, western red	\$25
Fir, grand Hemlock, western & mountain Larch, western & subalpine	\$28
Cedar, yellow	\$35
Fir, amabilis, grand & subalpine Pine, white, whitebark & limber	\$40

*Single germination test performed – preferred type is selected. Germination peak value (germination rate) is derived from the above tests.



2.2 Other Tests

Type of test	Fee per test*
Purity	\$18
Moisture Content	\$9
Seed Weight (seeds per gram)	\$15

*If more than one test for a seedlot or family lot is requested at one time, the fee for each additional test will be reduced by \$6.

3. Seed Preparation

3.1 Seed Stratification

Length/Type of Treatment	Fee per request
3-6 weeks	\$22
Extended stratification*	\$27

*True firs, white pine, yellow cedar and requests for more than 6 weeks stratification duration.

Stratification services provided for above fees include:

- running water soak
- surface drying where appropriate
- chilling
- re-dry techniques used for *Abies* spp.
- testing and inspection throughout the process.

3.2 Seed Pelleting

Species/Weight	Fee per request
Cedar, western red <250 grams	\$111
Cedar, western red ≥250 grams	\$211
Alder & other spp	Based on contractor rates*

*Contact Tree Seed Centre for current rates.

Seed pellet services are provided on contract and the Tree Seed Centre facilitates this process and tests and inspects the final product.

4. Seed Withdrawal and Transport

Seed withdrawal and transport requests for purposes not associated with Crown land reforestation, education, research or public relations are provided at the following charges:

Service	Fee per request
Withdrawal	\$9
Transportation	\$2*



*Clients should advise the TSC directly if other than standard shipping methods are preferred and if so, transport charges are at request agency or nursery expense.

Services provided for these fees includes withdrawal, packaging and labelling of seed in a secure carton containing a freezer pack, weighbill, and couriered by overnight delivery (standard carrier).

5. Other Services

Fees for other services are:

Service	Fee per hour
Seed sizing	\$26/hr
Density separation	
Seed dry-back	

Notes:

- An Invoice Statement (FS70) is prepared on completion of services and forwarded to clients.
- All fees are subject to GST (provincial government agents exempt).
- Charges are billed directly to the requesting agency unless the Tree Seed Centre is otherwise directed in writing.

For further information please contact the Tree Seed Centre at (604) 541-1683, extension 224.

