

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	\$8,000	82%
Douglas-fir: (genetic worth 2-6%)	Fd	\$2,500	90%
Douglas-fir: (genetic worth ³ 7%)	Fd	\$4,000	90%
Hemlock, western	Hw	\$7,000	91%
Larch, western	Lw	\$3,500	88%
Pine, lodgepole	Pl	\$8,500	93%
Pine, ponderosa	Py	\$2,500	87%
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, ponderosa	Py	\$242	91%
Spruce, Sitka	Ss	\$811	92%
Spruce, other	Sx	\$668	90%

*The schedule prices remain unchanged; however, the price of wild stand seedlots collected after 2003 will be based on the cost of procuring the seedlot, as costs can vary considerably based on the collection area, method (e.g. ground vs. helicopter) and seed quality. This is in keeping with section 4 of this schedule.

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.

Tree Seed Centre Cone and Seed Services Fee Schedules

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 and Range Practices Act and Forest Practices Code of British Columbia Act* - including associated seed testing services.

For information about all Tree Seed Centre services, please contact the manager at (604) 541-1683, extension 2224 or visit <http://www.for.gov.bc.ca/hti/treeseedcentre/index.htm>

1. Cone and Seed Processing

1.1 Basic Processing Fees:

Type of seedlot	Fee per Request
Standard (bulk)	\$115
Family	\$85
Split	\$70
Off-site processed	\$70

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, white, whitebark & limber	\$50
Pine, lodgepole (interior & coast) Spruce, interior	\$57
Douglas-fir (interior & coast)	\$63
Pine, yellow (ponderosa)	\$68
Cedar, western-red, Cedar, yellow, Larch spp., Alder spp. Birch spp.	\$74
Hemlock, western Hemlock, mountain	\$81
Spruce, black	\$87
Fir, amabilis, grand & sub-alpine	\$136

Multi-agency seedlot charges are apportioned by volume owned.

Services provided for the above fees include some or all of the following activities depending on seedlot type:

- 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.
- removal of waste cones and burlap sacks.
- on processing cycle completion, observations, results and any recommendations are reported to clients. Problems may be reported to clients at any stage during processing.

Every effort to process seedlots on a priority basis is made providing the seedlot in question can tolerate expedited processing.

1.3. Priority Processing Fees

Where clients request that a seedlots processing be fast tracked so that it is immediately available (e.g.) crown land reforestation, an additional fee of \$150 per lot will be applied.

1.4. Additional Handling Fees

Where atypical effort is required to receive and/or process seedlots, a fee of \$50 for each hour of additional handling will be applied (e.g.) unorganized and/or unpalletized cone shipments; seedlots containing excessive amounts of debris and mould.

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.	\$30
Alder spp., Birch spp., Aspen, Cedar, western red	\$34
Fir, grand	\$54
Larch spp., Hemlock spp.	\$40
Cedar, yellow Pine, white, whitebark & limber Fir, amabilis, subalpine & noble	\$64

*Preferred test type will be selected for germination tests.

2.2 Other Tests

Type of test	Fee per test
Purity	\$20
Moisture Content	\$5
Seed Weight (seeds per gram)	\$16
Fungal Assays	Fees based on contractor's rates

2.3 Sampling

A sampling fee of \$11 will be added when one or more tests are requested against a seedlot.

3. Seed Preparation

3.1 Seed Stratification

Length/Type of Treatment	Fee per test
3-6 weeks stratification	\$26
Extended stratification*	\$36
Yellow cedar stratification	\$118
Dry	\$13

* true firs, white pine 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 True Fir species
- testing and inspection throughout the process.

3.2 Seed Pelleting

Seed pellet services are provided on contract and the Tree Seed centre facilitates this process, tests and inspects the final product. Fees for pelleting species other than Western red cedar will be based on contractor rates. Fees for western red cedar pelleting are as follows:

- \$100 per request plus \$0.25 per gram to be pelleted up to a request weight of 740 grams. For requests where the pre-pellet weight is greater than 740 grams, a flat rate of \$285 per request will apply. Fees for pelleting services for Alder and other species will be based on contractor's rates.

4. Seed Withdrawal and Transport

Seed withdrawal and transport services are provided at the following charges:

Service	Fee per request
Withdrawal	\$11
Shipping	\$5*

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

There continues to be no charge for withdrawals and shipping of requests for crown land reforestation, education and research.

*New - minimum charge per individual shipment is \$10. Clients should advise the TSC directly if other than standard shipping methods are preferred and if so, shipments will be forwarded "collect".

5. Other Services

Fees for other services are:

Service	Fee per request
Additional seedlot handling	\$50/hour
Seedlot upgrading	
Family lot blending	
Small lot cone and seed processing	
Special requests	

Notes:

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