

Tree Seeds and Services Regulation Update Tree Seed Price and Fees Summary – August 2024

Effective date August 1, 2024

This document summarizes the prices and fees in the *Tree Seeds and Services Regulation* (TSSR). In the case of any inconsistencies between this document and the regulation, the fees and prices in the TSSR will be used for billing.

Surplus Seed Prices

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

1. Orchard Seed¹

Item	Tree Species	Species Code	Price per kg	Germination Index
1	Alder, red	Dr	\$13 000	90%
2	Birch, paper	Ep	\$19 200	85%
3	Douglas-fir – coastal	Fdc	\$5 330	90%
4	Douglas-fir – interior	Fdi	\$5 100	90%
5	Fir, subalpine (balsam)	Bl	\$2 390	60%
6	Hemlock, western	Hw	\$7 000	90%
7	Larch, western	Lw	\$4 540	85%
8	Pine, lodgepole	Pl	\$9 860	90%
9	Pine, ponderosa (yellow)	Py	\$1 600	85%
10	Pine, western white	Pw	\$3 050	85%
11	Redcedar, western	Cw	\$9 830	85%
12	Spruce, Sitka	Ss	\$4 000	90%
13	Spruce, white, Engelmann or any hybrid	Sx	\$5 150	85%

2. Vegetative Material (cuttings)

Tree Species	Species Code	Price per Seedling
Cedar, yellow (cypress)	Yc	\$ 0.04
Redcedar, western	Cw	\$ 0.04

¹ The ministry may vary the price for orchard seed if:

- the genetic worth of orchard seed is < 5%. Seed will be discounted to 50% of listed price
- the ministry acquired the seed for a price different from that listed in the table (eg it was not grown in a ministry orchard)

3. Wild Seed (collected prior to 2004)

Item	Tree	Species Code	Price per kg	Germination Index
1	Alder, red	Dr	\$533	65%
2	Birch, paper	Ep	\$493	75%
3	Cedar, yellow (cypress)	Yc	\$4 090	40%
4	Douglas-fir – coastal, 1966 crop	Fdc	\$582	80%
5	Douglas-fir – coastal, other crops	Fdc	\$1 020	90%
6	Douglas-fir – interior	Fdi	\$757	90%
7	Fir, amabilis (Pacific silver)	Ba	\$329	75%
8	Fir, grand	Bg	\$264	80%
9	Fir, noble	Bp	\$230	60%
10	Fir, subalpine (balsam)	Bl	\$527	60%
11	Hemlock, mountain	Hm	\$2 420	85%
12	Hemlock, western	Hw	\$1 893	90%
13	Larch, western	Lw	\$2 075	85%
14	Pine, limber	Pf	\$3 400	45%
15	Pine, lodgepole – coastal	Plc	\$1 678	90%
16	Pine, lodgepole – interior	Pli	\$2 016	90%
17	Pine, ponderosa (yellow)	Py	\$329	90%
18	Pine, western white	Pw	\$1 235	85%
19	Redcedar, western	Cw	\$1 843	80%
20	Spruce, other than Sitka	Sx, Sxs, Sb	\$909	90%
21	Spruce, Sitka	Ss	\$1 103	90%

4. Wild Seed (collected after 2003)

The price of wild seed collected after 2003 is based on the actual acquisition cost of procuring the seedlot as costs can vary considerably based on the collection area, method (eg. ground vs. helicopter) and seed quality.

5. Germination Price Adjustment (for orchard and wild seed)

If the germination percent of a seedlot is the same or higher than the species germination index listed in the tables, there is no adjustment to the price. If the germination percent of a seedlot is lower than the species germination index in the tables, the following price adjustment formula will apply.

Price Adjustment formula:

$$\frac{\text{Germination \% of seedlot}}{\text{Germination index \% of species and genetic class}} \times \text{price per kg} = \text{adjusted price per kg}$$

Example: Pine, lodgepole orchard seedlot:

Seedlot germination 75%

Species germination index for Pine, lodgepole 90%

Price per kg - \$9,860

Adjusted price is: $(75/90) \times \$9,860 = \$8,216.67$ per kilogram

Tree Seed Centre Cone and Seed Services

The following fees apply to the services offered by the Tree Seed Centre:

1. Cone and Seed Processing
2. Seed Testing
3. Seed Preparation
4. Seed Withdrawal and Transport

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*, including associated seed testing services.

1. Cone and Seed Processing

1.1 Processing fees for registration and storage:

Processing charges are divided equally among owners.

Service	Fee per request
Extraction from cones not required	\$100
Extraction from cones basic fee	\$200

1.2. Processing fees by species:

In addition to the basic fee in section 1.1, the following fees apply. Multi-agency processing charges are apportioned by ownership percent.

Item	Tree Species	Fee per hL of cones
1	Alder	\$126
2	Birch	\$126
3	Cedar, yellow (cypress)	\$126
4	Douglas-fir	\$107
5	Fir, amabilis (Pacific silver), grand, noble or subalpine (balsam)	\$227
6	Hemlock, western or mountain	\$136
7	Larch	\$126
8	Pine, limber, ponderosa (yellow), western white or whitebark	\$115
9	Pine, lodgepole	\$96
10	Redcedar, western	\$126
11	Spruce, black	\$147
12	Spruce, other than black	\$96

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, forced-air 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
- blending, labelling, and bagging of seed
- cone and seed inspections performed throughout the process
- removal of waste cones, debris 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

1.3. Expedited processing fees:

Where clients request that seedlot processing be fast-tracked, an additional fee will be applied.

Expedited Processing Service	Fee per request
Cone volume \leq 40 hL	\$267
Cone volume $>$ 40 hL	\$401

1.4. Additional handling fees:

Service	Fee per request
Atypical effort or special request	\$80/hr
Additional kiln treatment	50% surcharge per hL ²
Additional cleaning for pitch removal	5% surcharge per hL
Upgrade or blend seedlots	\$80/hr

² according to species rates in the Table of section 1.2

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 ISTA standards and protocols.

2.1 Sampling fee

Service	Fee Per sample
Seedlot sampling for tests	\$32

2.2 Seed testing fees: germination

Item	Tree Species	Fee per test
1	Alder	\$57
2	Aspen	\$57
3	Birch	\$57
4	Cedar, yellow (cypress)	\$120
5	Douglas-fir	\$49
6	Fir, amabilis (Pacific silver), noble or subalpine (balsam)	\$120
7	Fir, grand	\$91
8	Hemlock	\$67
9	Larch	\$67
10	Pine, western white or whitebark	\$120
11	Pine, lodgepole, ponderosa (yellow) or limber	\$49
12	Redcedar, western	\$57
13	Spruce	\$49

2.3 Other test fees:

Item	Test	Fee per test
1	Fungal assay	actual cost
2	Moisture test	\$19
3	Purity test	\$49
4	Weight test (seeds per gram)	\$27
5	X-ray test	\$19

3. Seed Preparation

3.1 Preparation for sowing

Service	Fee per request
Basic preparation fee (Dry)	\$21

3.2 Seed stratification

The following fees apply when stratification is required.

Item	Stratification	Fee per request
1	Stratification of yellow cedar, western white pine and whitebark pine seeds	\$174
2	Stratification of other seeds for ≤ 4 weeks	\$53
3	Stratification of other seeds for > 4 weeks	\$73

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

3.3 Seed Pelleting

Seed pellet services are provided on contract. The Tree Seed Centre facilitates this process, then tests and inspects the final product. The fee for pelleting is the sum of a basic fee and the fee per gram of seeds that the government is charged to have the seeds pelleted.

Service	Fee per request
Basic pelleting fee	\$83
Fee per gram of seeds pelleted	actual cost

4. Seed Withdrawal and Shipping

Services include withdrawal and labelling of seed, packaging in a secure carton also containing a freezer pack and waybill, then couriered by overnight delivery (standard government carrier).

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

Service	Fee per request
Seed withdrawal	\$16
Minimum shipping fee individual package	\$16
Minimum shipping fee per package (2 or more)	\$8
Vegetative material shipping	actual cost

Clients should advise the TSC directly if other than standard shipping methods are preferred and if so, shipments will be forwarded "collect".

There will continue to be no charge for withdrawals and shipping of requests for Crown land reforestation, education and research.

Notes:

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