

File: 18140-04

May 15, 1996

To: District Managers

From: Henry Benskin
Director
Silviculture Practices Branch

Ted Baker
Director
Research Branch

Re: Seed and Vegetative Material Guidebook Update #1

The attached outlines changes to the Provincial Seed Transfer Guidelines (STG) which appear in the Forest Practices Code *Seed and Vegetative Material Guidebook*, pages 21-31. These changes are based on recent information from the progeny and provenance testing programs, and some oversights in the compiling information for the Guidebook published in April 1995. Many of these changes have been discussed over the past several months and this memo officially endorses them. These changes can be implemented immediately for planting and/or 1997 sowing requests submitted this fall.

Please pass along these changes to the STG to all operators in your district.

Other STG changes will be forthcoming as the Interior Seed Planning Zones are undergoing revisions to reflect the current information of species adaptability and performance. Changes to the transferability of interior spruce and lodgepole pine seed orchard seed is also imminent. These changes may not be formalized prior to the commencement of the 1997 sowing request season, but we will make every effort to keep you apprised of the changes and when they will occur. The formal review process for these changes will take place through the auspices of the Interior Tree Improvement Council's Technical Advisory Committee beginning in June.

If you have any comments or questions regarding STG please contact Brian Barber, Silviculture Practices Branch at (604) 356-6207 or BBARBER@mfor01.gov.bc.ca.

Henry Benskin, Director
Silviculture Practices Branch

Ted Baker, Director
Research Branch

Attachments (1)

c.c. Research Branch Geneticists
Regional Reforestation/Site Prep. Officers
Drew Brazier, Director, Nursery and Seed Operations Branch
Al McDonald, SPAR Project Manager, Nursery and Seed Operations Branch
Seed Production Officers, Silviculture Practices Branch
Regional Forest Practices Code Coordinators



May 15, 1996

Preface

Forest Practices Code guidebooks have been developed to support the regulations; however, only those portions of guidebooks cited in regulation are part of the legislation.

The Seed and Vegetative Material Guidebook is referenced in the Silviculture Practices Regulations, Part 3, Division 1, section 8 (4). This requires that the limits for seed or vegetative material transfer are followed in accordance with the guidebook as amended from time to time. The relevant portion of the guidebook amendment (Guidebook Update #1) that contains this information is as follows:

Interior seed planning zones (SPZ), 1. *Western larch (Lw)*,

Lodgepole pine superior provenances, 2. *Rocky Mt. Trench*,

Interior spruce superior provenances, 3. *Birch Island*,

Seed Orchards, 4. *Coastal Douglas-fir (Fdc)*, 6. *Lodgepole pine (Pli)*,

The recommendations that are not part of the cited portion of guidebook amendments are not mandatory requirements, but once a recommended practice is included in a plan, prescription or contract, it becomes legally enforceable. Except where referenced by regulation, guidebook amendments are not intended to provide a legal interpretation of the *Act* or regulations. In general, they describe procedures, practices and results that are consistent with the legislated requirements of the Code.

Interior seed planning zones (SPZ)

1. *Western larch (Lw)*: Modify section 3.(p 25) to read: Transfer of Douglas-fir between SA and TOD, or between CT and QL not permitted. Transfer of western larch outside its native seed planning zone is permitted, irrespective of biogeoclimatic zones, but the transfer must adhere to the limits listed in Table 5.

Lodgepole pine superior provenances

2. *Rocky Mt. Trench*. Add TOD to the SPZs/Area of Use for the Rocky Mtn. Trench superior provenances (B+) source listed in Table 6 (p. 26).

Interior spruce superior provenances

3. *Birch Island*. Change the upper elevation limit for the Birch Island superior provenance to 1000 m, on Table 7 (p. 27). Note: this does not imply a 1000 m elevation transfer upwards from the seedlot's source, but rather an elevation limit for the planting site.

Seed orchards

4. *Coastal Douglas-fir (Fdc)*. Add to Table 9. (p 29) Fdc seed orchards: 101 (Quinsam), 114 (Koksilah), and 121 (Saanichton). All seedlots from these orchards may be used in the M and GL SPZ, and the lower limit of the Range of elevation use is 0 m. Upward transfer limit of +350 m, and latitude transfer of 3° N and 2° S, shall continue to be applied to the wt. mean elevation and latitude of each individual seedlot.
6. *Lodgepole pine (Pli)*. Change the range of elevation use for Orchard 201 CP/FIN to 700-1200 m S of 56 degrees, and 700-1050 N of 56 degrees, and Orchard 202 CP/FIN to 570-1100 m S of 56, and 570 - 860 N of 56 on Table 10 (p.30). Also add NCH SPZ to the Seed Planning Zones for Orchard 218. on Table 10 (p.30).

¹. Changes are made in reference to the Provincial Seed Transfer Guidelines within the Forest Practice Code *Seed and Vegetative Material Guidebook, April 1995*.