







Climate, elevation

Facility for pure in markine climate with annual temperature generally between 16° F and 61° F Pecipitation on vary between 660 mm on the west caust of Vanc.

Elevations write from 1000°m in the assubempart of its range to 300°m in the central part of its range and sea level in its mothern range. (7)

Local occurrence (where, how common)

Pacific aliver fir occurs most often on in areas with high precipitation and moist will like the mid-slope of the western cascades. It can remain in the understory for centuries. (6)

Plant strategy type/successional stage (stress-tolerator, competitor, weedy/colonizer, seral, late successional)
Pacific silver fit is an obligate climax species. It is one of the most shade-tolerant trees in the Northwort. Small trees are often abundant in the forest understory. On many sites Pacific silver fit can eventually outgrow and become taller than we

Collection restrictions or guidelines:
The fining of one collection (mid-to be August) is important because
concess distinguist as for multi-reliable pumper and successful collection methods. The conce are susceptible to modifying and heat build-up if sacked when wet. (4) Good need corps generally only occur every 3 years. (2)

Seed life (can be stored, short shelf-life, long shelf-life) Up to 5 years. (8)

Recommended seed storage conditions Store in drams, cans, or plastic bugs near 5° F. Leave containers unscaled to minimize moisture buildup and prevent mold growth. (8)

Propagation recommendations (plant seeds, vegetative parts, cuttings, etc.)

Plant seeds. Cool, most labitats are best for germination, but full sunlight produces maximum subsequent growth. (2)

Soil or medium requirements (inoculum necessary?) Cermination can occur on a variety of media: on litter humps and in moist depressions in the subalpine zone; on edges of m

Installation form (form, potential for successful outcomes, cost)
Stock is usually outplanted as 2-3 year old seedlings or 3-4 year old transplants. (8)

Recommended planting density
Seeds should be sown in spring at a density of 62.5 to 125 per sere (25.50 per ha) and approximately 0.25 inch (0.64 cm) deep, depending on the site. (4)

Care requirements after installed (water weekly, water once etc.)
Malches of savulast or straw are sometimes used to protect scellings during the first winter. (8)

Normal rate of growth or spread; lifespan
Pacific about System to reach legistic as average vito. Planted sections may only grow 1 to 6 inches per year for the first (so year after planting with most of the plant's energy devoted to root development. After reaching breast height, it may grow up to 35 makes per year. (2) it can eventually grow to beight of 100 to 220 feet and diameters of 36 to 44 inches depending on the site. Pacific about for can live up to 405-500 years on good sites, and 26 550 years.

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