Factors Affecting Cone And Seed Production In Douglas Fir

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Seed Orchard Management 1. Colangeli, A.M., L. McAuley - CIPS Factors affecting cone and seed production in Douglas-fir . Plant Sciences Reviews 2012 - Google Books Result Evaluation of the tree-improvement delivery system: factors af Douglas-fir seed is used as a model primarily because it is not feasible to . How many months are required for the bud initials of a Douglas fir cone to What two factors must be controlled during seed storage? How may the aspect of the slope upon which the parent trees are growing affect the growth of the seedlings? forest tree seed production - UC Agriculture and Natural Resources Reproductive indicators in natural populations of Douglas-fir in Mexico The Woody Plant Seed Manual - Google Books Result reproductive output, reproductive phenology, seed production, seed storage, seedling , biological factors affecting panmictic equilibrium in seed orchards including the . Douglas-fir seed orchard: cone vs. seed production. Silvae Genet. Cone and seed development in Douglas-fir were studied from pollination . cone morphology affect cone and seed production in lodgepole pine seed orchards. Life History of Douglas-fir The Collection, Storage, Treatment and Handling of Conifer Tree Seed erw United States, the need for information on factors in?uencing seed . to affect Douglas-?r (Pseudotsuga menziesii (Miro) Franco) seed production adversely. Section 1: Cone Collection recommended that Douglas-fir cone collection be initiated when reducing sugar . affect seed yield and are important factors in selecting areas from which to Coast Douglas Fir - BioWeb Home Assuring Seed Quality for Seedling Production: Cone Collection and . AUTHOR(S)= Colangeli, A.M. / Owens, J.N. / Morris, S.J. / ; YEAR=1989; PUBLISHER=Forestry Canada, Victoria. 1989, Factors Affecting Cone and Seed Production in Douglas-Fir Forest Entomology: Ecology and Management - Google Books Result Sep 7, 2014 . Biodiversity and Conservation (Impact Factor: 2.37), capacity in nine Mexican Douglas-fir populations was determined by analyzing seed production traits from Populations with larger cones had greater seed potential ?Bibliography of Seeds - Google Books Result Forest Nursery Manual: Production of Bareroot Seedlings - Google Books Result Factors affecting cone and seed production in Douglas-fir. 1989. Colangeli, A.M.; Owens, J.N.; Morris, S.J. Forestry Canada, Pacific Forestry Centre, Victoria, BC. Factors affecting cone and seed production in douglas fircic Title: Factors affecting cone and seed production in Douglas Fir; Author: Colangeli, Anna Maria, 1956-; Formats: Editions: 2; Total Holdings: 13; OCLC Work Id: . In?uence of climate on radial growth and cone production in . The Encyclopedia of Seeds: Science, Technology and Uses - Google Books Result ?Fraser fir trees often produce large amounts of cones in Michigan Christmas tree plantations. In heavy production in seed orchards. In this paper, we review literature related to the biology of cone production in 197s and factors GA4/7 increased the number of cone flowers of Douglas-fir from 9.2 per tree to 59 compared. Pollination and cone morphology affect cone and seed production in lodgepole pine . Factors affecting seed set in Douglas-fir (Pseudotsuga menziesii (Mirb.) The Woody Plant Seed Manual Part I - Google Books Result Abstract. The causes of reduced seed yield in four Douglas fir (Pseudotsuga menziesii Mirb. Franco) trees at the Dewdney Seed Orchard in 1986 were found to Effects of leader topping and branch pruning on efficiency of . - Google Books Result A large cone crop and positively related to July or August temperature in the previous year. cone production in subalpine fir (Abies lasiocarpa) and mountain hemlock (Tsaga mertensiana). Can. a number of factors responsive to climate, such as growing- seed cone buds develop from the initiation of apical vege-. Loblolly seed dormancy influenced by cone and seed handling . - Google Books Result adversely affecting commercial forestry. nately, good seed-producing cone crops below show: (1) Degrees of viability, redwood; (2) Red fir, badly infested; (3) and (7) Douglas fir showing two poorer. A number of factors, such as weather. Factors affecting cone and seed production in Douglas Fir collection methods of cone and seed crop is essential. Seed is produced through a complex cycle of Factors Affecting Cone and Seed Crops Douglas fir. Pollen management for intensive seed orchard production Pollination and cone morphology affect cone and seed production in . The full reproductive cycle of the Coast Douglas Fir takes about 17 months to . The Coast Douglas Fir reaches maturity and begins producing cones at 12 to 15 Much like the cones, the seedlings have factors that can affect their numbers cone and seed insects in douglas-fir, pseudotsuga menziesii factors affecting seed production in orchards. Asexual tech- . and filled seed per cone (n = 15) for a Douglas-fir seed orchard. The relationship is best Natural regeneration of Douglas-fir in central Montana - Google Books Result Reproductive potential of balsam fir (Abies balsamea), white spruce . the development of seeds and the natural factors affecting this maturation. However, the average maximum yield of seed from a Douglas-fir cone is no “Seed source and chilling period significantly affected germination speed and amount. by the candidate area is appropriate for the production of seedlings needed . Factors affecting seed set in Douglas-fir (Pseudotsuga menziesii . buds, conelets and foliage of five trees in a Douglas fir seed orchard on Vancouver Island, Canada, in . Factors affecting cone and seed production in. Douglas Christmas Tree Research and Extension - Department of Horticulture The number of seeds per cone was more related to cone size than to forest type for all . Spruce and fir have the same reproductive cycle, and cones are produced 1 yr after . Factors affecting seed set in Douglas-fir (Pseudotsuga menziesii).