



Research Note



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SITE INDEX CHARTS FOR DOUGLAS-FIR IN THE PACIFIC NORTHWEST

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Charts in this report can be used to estimate site index for Douglas-fir from stand age and from average total height of dominant and codominant trees. Table 1 and figure 2 in U.S.D.A. Technical Bulletin 201^{1/} have been used for this purpose in the past. However, the table requires time-consuming interpolation and the figure gives only rough approximations.

Site indexes in the series of six charts were developed from, and for the most part faithfully reproduce, information from the table and curves in Bulletin 201. A few minor discrepancies are the result of irregularities in the original information.

Each chart represents 50 feet of height. For the series, the range of age is from 20 to 440 years, and of site index from 60 to 220.

Procedures are available for adjusting the estimating variables--stand age and average total height--when they are calculated entirely from dominant trees in a stand.^{2/}

^{1/}McArdle, R. E., Meyer, Walter H., and Bruce, Donald. The yield of Douglas-fir in the Pacific Northwest. U. S. Dept. Agr. Tech. Bul. 201, 74 pp., illus. (Rev. Oct. 1949.)

^{2/}Staebler, George R. Use of dominant tree heights in determining site index for Douglas-fir. Pac. NW. Forest and Range Expt. Sta. Res. Note 44, 3 pp., illus. 1948.

Johnson, Floyd A. Estimating stand age for Douglas-fir. Pac. NW. Forest and Range Expt. Sta. Res. Note 103, 2 pp. 1954.









