Working Paper

Increment and Mortality for Major Forest Species of Northern Eurasia with Variable Growing Stock

Anatoly Shvidenko, Sergey Venevsky, and Sten Nilsson

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Foreword

Siberia's forest sector is a topic which recently has gained considerable international interest.

IIASA, the Russian Academy of Sciences, and the Russian Federal Forest Service, in agreement with the Russian Ministry of the Environment and Natural Resources, signed agreements in 1992 and 1994 to carry out a large-scale study on the Siberian forest sector. The overall objective of the study is to focus on policy options that would encourage sustainable development of the sector. The goals are to assess Siberia's forest resources, forest industries, and infrastructure; to examine the forests' economic, social and biospheric functions; with these functions in mind, to identify possible pathways for their sustainable development; and to translate these pathways into policy options for Russian and international agencies.

The first phase of the study concentrated on the generation of extensive and consistent databases of the total forest sector of Siberia and Russia.

The study is now working on its second phase, which will encompass assessment studies of the greenhouse gas balances, forest resources and forest utilization, biodiversity and landscapes, non-wood products and functions, environmental status, transportation infrastructure, forest industry and markets, and socio-economics.

This report, carried out by Prof. Shvidenko, Dr. Venevsky and Prof. Nilsson of the study's core team, is a contribution to the analyses of the topics of greenhouse gas balances and forest resources, and forest utilization.

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1. Introduction

Current net and gross increments of the stands are the most important biometric indexes, reflecting recent productivity of forests. These indexes are necessary for numerous applications of general ecological analyses (estimation of bioproductivity and elements of global biogeochemical cycles, such as carbon and water cycles), and for analysis of sustainable wood supply.

These are the reasons for the development of a modeling system (MS) with the objective to evaluate current increment (net and gross increment) and mortality in the forests of the Former Soviet Union (FSU). With this purpose in mind, the general structure of the modeling system developed by IIASA's Siberian Forest Study has previously been presented by Shvidenko *et al.* (1995). The modeling system can be used within the frame work of the Russian forest inventory system, with respect to aggregated estimates of forest productivity for different purposes.

The system describes the age dynamics of major biometric indexes for stands over site indexes (bonitäts), namely :

- height - H(A,N);
- diameter -D(A,N);
- basal area - BA(A,N);
- growing stock GS(A,N);
- total volume TV(A,N);
- net increment dGS(A,N);
- gross increment dTV(A,N);
- mortality M(A,N)=dTV(A,N) - dGS(A,N);
- percent age of net increment pGS(A,N)=(dGS(A,N)/GS(A,N))*100;

- percent age of gross increment pTV(A,N)=(dTV(A,N)/TV(A,N))*100;
- percent age of mortality pM(A,N)=(M(A,N) /GS(A,N))*100;

A represents the age of the stand, and N is the site index of the stand (there are seven major site indexes in the Russian classification). The exact definitions of the indexes are presented in Appendix 1. These biometric indexes allow us to describe the temporal dynamics of stands at a satisfactory level.

The first step of the development of the modeling system was the construction of mathematical models of fully-stocked stands for the 17 major forest species in the territory of Northern Eurasia. The models are described in Shvidenko, et al. (1996).

Despite the importance of models and yield tables representing fully-stocked stands, such models can only give a generalized understanding of the growth potential for so-called "normal" stands, i.e., the most productive and even aged stands. However, huge areas of the forested territories in Northern Eurasia, especially in Siberia and the Far East, are covered by stands with variable age structures. These stands are partly mixed and are growing in conditions with natural and artificial disturbances of various intensity and frequency.

This paper summarizes the second stage of the development of the modeling system, devoted to the estimation of increment and mortality in stands with variable growing stock in the territory of Northern Eurasia.

It has been possible to estimate the biometric indexes for six species with variable growing stock levels. They are :

CONIFEROUS:

PINE,

SPRUCE

LARCH;

HARD DECIDUOUS:

OAK.

SOFT DECIDUOUS :

BIRCH,

ASPEN;

The above species cover nearly 85% of the Russian forested areas.

2. Basic Approach and Basic Materials

Development of a stand is a complex process, dependent on climatic and edaphic growing conditions, on the initial inner structure of the forest biogeocenosis, and directions and intensity of biotic and abiotic processes in the forest ecosystem. Attempts for a unified description of these complex processes, with different levels of generalizations, are given by local and general yield tables for fully-stocked stands and for stands with different stocking, as well as in different analytical and simulation models. Much discussion has been carried out concerning the problem of current Russian increment estimations (see reviews in Anatanaitis and Zagreev, 1981; Anuchin, 1977).

The first attempt to estimate the current Russian increment of stands with different stocking levels began with the famous Gerkhard formula (Anatanaitis and Zagreev, 1981):

$$dTV(d)=dTV(1.0)*(2.0-1.0*d)*d \qquad (1)$$

for shade tolerant species, where d is stocking level and $dTV(1.0)$ is the current increment for the fully-stocked stand, and

$$dTV(d)=dTV(1.0)*(1.7-0.7*d)*d \qquad (2)$$

for shade intolerant species.

It is obvious that such formulas are very rough. Subsequent investigations have been oriented to search for more adequate model approaches for the current increment estimations (Anatanaitis and Zagreev, 1981). One of the first major efforts to estimate the current increment in Russia was carried out by Naumenko (1941). This Russian forester elaborated tables of current increment as functions of age for different forest species, site indexes, and stocking levels, based on data from 2327 experimental plots with 15700 felled and measured representative trees for the central part of European Russia.

Similar investigations were carried out in Lithuania (Anonymous,1967; Anonymous, 1972), in other parts of European Russia (Zagreev, 1968), in Ukraine (Nikitin, 1966; Shvidenko *et al.*, 1987) and in Siberia (Verkhunov, 1975). The common conclusion was, that models of the current temporal increment dynamics should be elaborated by forest species, growing conditions (forest types and site indexes), types of stand age and morphological structure, types of management regimes and frequencies and intensities of disturbances (especially in Siberia and the Far East). It was also shown, that the relative current increment for given species with equal site indexes and equal stocking levels vary only slightly with the geographical location.

The most important conclusion was that, by using the forest parameters listed in the previous paragraph, there is the possibility to design relevant models (tables) of the current increment dynamics for a defined stand with an accuracy of ±25-30%. It means, that such

tables give relatively good estimates on the productivity characteristics for unified stands, i.e., for aggregated estimates of productivity over huge territories.

Nevertheless, in the beginning of the work carried out within the framework of the IIASA Siberian Forest Study, different models and tables on the current increment estimations were only available for some areas of Russia, mainly for European Russia and some former Soviet Republics, also located in Europe. These models and tables were, as a rule, of limited applicability for the Siberian Forest Study and contained either estimates of net current increment or estimates of gross current increment.

The objective of the current work was to design a unified model approach, based on all existing increment data in Russia, in order to estimate net and gross increments and mortality.

The major forest species, described in this work, cover huge territories and grow in different edaphic and climatic conditions. Models and tables, presented below are, to a major extent, based on even aged single-species stands (no more than 20% is represented by non-dominant species), which are managed under specific management regimes. We assume smooth dynamics for the development of the stocking levels without any great increases or catastrophic declines. Applications of the models are relevant for static evaluations at fixed ages, but also for description of the growth processes by integrating the dGS (net increment) and the dTV (gross increment) over age, at variable stocking levels, and for specified site indexes.

In our work we used the following major sources for the initial data:

1) General tables of gross increments for stands with different stocking levels of Pine, Spruce, Birch, Aspen. (Table 147, Zagreev *et. al.*, 1992). The age span of these tables is from 5 to 100 years, site indexes vary from 1a to 5a, and the stocking level varies from 0.4 to 1.0.

2) Yield tables for stands in Lituania with different stocking levels by different types of forest of Pine, Spruce, Birch, Aspen (Tables 2.1-2.4, 2.8-2.11, 2.16-2.19, 2.24-2.27, 2.32-2.35 Kenstavichus et al. 1981). The age span for these tables is from 10 to 130 years, site indexes vary from 1 to 5, and the stocking level varies from 0.6 to 1.0. Total volume estimates are absent.

3) Tables of gross increment for stands in European Russia with different stocking levels of Pine, Spruce, Oak, Birch, Aspen (Tables 93-102, Tiurin *et al.*, 1945). The age span of these tables is from 10 to 90 years, site indexes vary from 1 to 4, and the stocking level varies from 0.6 to 1.0

4) Yield tables for model stands for Larch and Pine in different regions of Siberia (Tables 1-5, 11-18, 28-30, 40-52, 58, 83-86, Falaleev *et al.*, 1975). The age span of these tables varies from 20 (50) to 140 (200) years, site indexes from 3 to 5a, and the stocking level varies from 0.4 to 0.7. Estimates of the total volumes are absent as a rule. Total volume estimates are only presented in tables for Larch stands in Northern Jakutia and Buriatia.

5) Yield tables for model Larch stands in the Far East (Tables 150, 151, 153, Koriakin, 1990). The age span of these tables varies from 20 to 240 years, site indexes from 3 to 5a, and the stocking level varies from 0.4 to 0.8. Estimates of the total volumes are

absent as a rule. Total volume estimates are presented only in tables for Larch stands in the Magadan region.

6) Dynamics of the relative current increment for Larch stands in the Southern Far East (Table 158, Koriakin, 1990). The age span of this table varies from 50 to 210 years, site indexes from 1 to 5a, and the stocking level varies from 0.3 to 0.9.

For definitions of general tables, regional tables, model tables, growth tables etc., see Appendix I.

3. General Approach for Calculation of Three-Dimensional Functions for Biometric Indexes

3.1. Calculation of the Growth Functions

The Mitcherlich (Richard-Chapman) growth function was chosen as the basic mathematical function for employing experimental data, and forming yield tables into a simple, but adequate modeling system. The growing stock, total volume and their derivatives, such as annual gross increment, annual net increment and natural mortality, as well as the percentages of these parameters are dependent on the stand age (A) and the three different coefficients in the Mitcherlich function (c_1, c_2, c_3). For example, total volume (TV) can be calculated as:

$$TV = c_1 \cdot (1 - \exp(-c_2 \cdot A))^{c_3} \tag{3}$$

The coefficients have explicit biological meanings (c_1 is the maximal value of the growth function (the asymptote), $c_1 \cdot c_2 \cdot (1 - \frac{1}{c_3})^{(c_3 - 1)}$ is the maximal increment value (slope of the curve) and $\frac{\ln(c_3)}{c_2}$ is the turning point of the growth function).

Using the estimates of the coefficients of the Mitcherlich function, it is possible to calculate annual increments and percentages of annual increments. For example, for the gross increment (dTV) and the percentage of the gross increment P_{TV} we get:

$$dTV = c_1 \cdot c_2 \cdot c_3 \cdot (1 - \exp(-c_2 \cdot A))^{(c_3 - 1)} \cdot \exp(-c_2 \cdot A) \tag{4}$$

and

$$P_{TV} = c_2 \cdot c_3 \cdot \exp(-c_2 \cdot A) / (1 - \exp(-c_2 \cdot A)) \tag{5}$$

The difference between gross increment (dTV) and net increment (dGS), both calculated as derivatives of the Mitcherlich function, gives us the mortality (dM):

$$dM = dTV - dGS. \tag{6}$$

dM is the natural mortality, when the stocking level is equal to 1.0 (i.e. mortality, caused by the concurrence between individual trees), and the mortality equal to the sum of natural, pathological and mechanical moralities, when the stocking level is less then 1.0. The coefficients of the Mitcherlich function vary for different forest species and geographical locations.

For stands of different densities (stocking) d, the growth functions can be formulated as three-dimensional functions and each of the three coefficients of the Mitcherlich function will be dependent on site index (N) and density (d) (d has a range from 0.3 to 1.0). The most simple form of such functions, for the coefficient estimations, is a system of polynomial nonlinear equations.

As a rule, we used the quadric polynomials to design these coefficients:

$$c_i = \sum_{l=0}^{2} \sum_{m=0}^{2} c_{ilm} * N^l * d^m \tag{7}$$

For example, for the calculation of the total volume of Pine, these coefficients are estimated to be:

$$\begin{aligned} c_1 &= 4.174 \cdot N^2 - 66.982 \cdot N - 193.159 \cdot d^2 + 1778.316 \cdot d - 174.997 \cdot d \cdot N + 207.467 \\ c_2 &= (0.034 \cdot N^2 - 0.430 \cdot N + 0.362 \cdot d^2 - 2.136 \cdot d + 0.113 \cdot d \cdot N + 4.285) / 100 \\ c_3 &= (0.389 \cdot N^2 - 2.872 \cdot N + 8.230 \cdot d^2 - 12.963 \cdot d + 0.776 \cdot d \cdot N + 27.684) / 10 \end{aligned} \tag{8}$$

3.2. Calculation of the Gross Increment Dependency on the Growing Stock Level

Based on the availability and the characteristics of the initial data, the following approach has been used.

1) A non-linear regression with the Levenberg-Marquart method is executed in order to estimate the coefficients of the Mitcherlich function by age, site index and stocking variations, assuming functional dependence (4) for the gross increments. The computer exercises have shown that the estimation of the exponential coefficient is particularly important, as all the functions designed are very sensitive to variation of this coefficient.

2) Quadratic regressions give us a statistical dependence of the three coefficients by site indexes and stockings. This stage allows us to design a three-dimensional growth function for total volume by age, site index and stocking. There are possibilities to use other non-linear expressions for the regression calculations. However, more sophisticated regressions can generate considerable calculation errors and do not coincide with the simplicity and transparency of the developed system. The analyses so far, showed that linear regressions can not be used due to the low accuracy of the results, while quadric regressions seem to give adequate results.

3) Finally, all total volume and gross increments functions generated, are evaluated by experts with respect to the stand variables employed in the functions. The statistical characteristics of all the approximations are checked. The procedure of checking includes comparisons with general tables for fully-stocked stands. The iterative procedure described can be restarted if the results are not explicit enough, or are in contradiction with, logical requirements of the process described.

It should be noted, that one can use the designed three dimensional total volume functions by age, site index and stocking for estimation of total volumes, gross increments and percentages of gross increment of biologically similar forest species. From the experimental data, the growing stock can be calculated by using the basal areas (BA) from fully-stocked stands evaluated in the previous steps of this study (Shvidenko *et al.*, 1996).

However, usually the stocking variations for a separate region are very small and one is forced to find separate specific methods for the construction of the final three-dimensional approximated surface. From a mathematical point of view, this is a problem of the multidimensional approximation of the plane with irregular points by an analytical function. Such a problem can only be solved, in some cases, with a "good" configuration of experimental data sets.

Computer analyses for two coniferous species (Larch and Pine) allow us to conclude that such manipulations can be made within the limits of the accuracy of the function coefficients.

This is very important, as the data for Larch gross and net increments over different growing stock levels are rather poor, and Larch is the most common forest species in the territory of the former USSR.

3.3. Calculation of the Net Increment Dependency on the Growing Stock Level

Basically, it can be assumed that the dependency of growing stock by the growing stock level *d* can be calculated in the following way:

$$GS(d) = d*GS(1.0) \tag{9}$$

where, *GS(1.0)* is the growing stock of completely fully stocked stands, estimated from the general tables (Shvidenko *et al.*, 1996), and d is the stocking level.

The net increment in this case could be assumed as a linear function over the stocking level:

$$dGS(d) = d*dGS(1.0) \tag{10}$$

where, *dGS(1.0)* is the net increment of a fully stocked stand estimated from general tables (Shvidenko *et al.*, 1996).

However, analyses of experimental data for real stands e.g., in Latvia (Kenstavichus *et al.*, 1981) have shown, that the dependence of growing stock on the stocking level can differ from a linear approach. Hence, the net increment will not have a simple linear behavior over the stocking level (as the time derivatives from the growing stock).

To construct the functions *GS(A,d)* and *dGS(A,d)* for some of the forest species we used the following equation, presented by Kenstavichus et.al. (1981):

$$H(d) = H_B*(e*d + f) + g*(d_B - d) \tag{11}$$

where d is a stocking level, ranging from 0.3 to 1.0; d_B is the basic stocking level, which is averaged for sample plots in investigated stands; H_B is an averaged height of stands with the stocking level d_B, which is actually averaged for sample plots in investigated stands; e, f and g are regression coefficients.

We used the basic stocking levels and regression coefficients presented for different species in the above mentioned work (Kenstavichus *et al.*, 1981). Hence, the basic stocking level shown in this study is the same for all species (0.7).

It can easily be seen that the expression (11) assumes:

$$e^{*}d_B + f = 1 \tag{12}$$

Therefore, the average height of a stand over stocking levels can be expressed as a linear function by the average height of a fully-stocked stand:

$$H(d) = A(d)^{*}H(1.0) + B(d) \tag{13}$$

where:

$$A(d) = \frac{e^{*}(d - d_B) + 1}{(1 - d_B)^{*}e + 1} \tag{14}$$

and:

$$B(d) = g^{*}((d - d_B) - A(d)^{*}(1 - d_B)), \tag{15}$$

The above mentioned Lithuanian authors proposed to estimate the growing stock of a stand by using a quadratic regression:

$$GS(d) = (C_1 + C_2 {}^{*}H(d) + C_3 {}^{*}H^2(d)) * d \tag{16}$$

However, this formula assumes linear dependency of the stand's basal area over the averaged height and seems to be too rough for our purposes. Therefore, we applied a cubic regression function to estimate the growing stock:

$$GS(d) = (C_1 + C_2 {}^{*}H(d) + C_3 {}^{*}H^2(d) + C_4 {}^{*}H^3(d)) * d \tag{17}$$

The final equation for calculation of the growing stock dependency over stocking levels will be the following:

$$GS(d, Age) = d * GS(1.0, Age) + \Delta GS(d, Age), \quad (18)$$

where *(A)* is the age of a stand and the last term presents a nonlinear variation for the approximate formula (9). Formula 18 can be calculated as:

$$\Delta GS(d, A) = d * (q_0(d) + q_1(d) * H(1.0, A) + q_2(d) * H^2(1.0, A) + q_3(d) * H^3(1.0, A)), \quad (19)$$

where

$$\begin{aligned} q_0(d) &= C_2 * B(d) + C_3 * B^2(d) + C_4 * B^3(d), \\ q_1(d) &= C_2 * (A(d) - 1) + 2 * C_3 * A(d) * B(d) + 3 * C_4 * A(d) * B^2(d), \\ q_2(d) &= C_3 * (A^2(d) - 1) + 3 * C_4 * A^2(d) * B(d), \\ q_3(d) &= C_4 * (A^3(d) - 1), \end{aligned} \quad (20)$$

where *A(d)* and *B(d)* are calculated by formulas 14, 15 and C_i are the regression coefficients in formula 17.

Taking into account formulas 18 and 19 we can estimate the net increment over different stocking levels:

$$\frac{dGS(d, Age)}{dAge} = d * \frac{dGS(1.0, Age)}{dAge} + \frac{d(\Delta GS(d, Age))}{dAge}, \quad (21)$$

where

$$\frac{d(\Delta GS(d, Age))}{dAge} = d * (q_1(d) * \frac{d(H(1.0, Age))}{dAge} + 2 * q_2(d) * H(1.0, Age) * \frac{d(H(1.0, Age))}{dAge} +$$
$$+3 * q_3(d) * H^2(1.0, Age) * \frac{d(H(1.0, Age))}{dAge}) \quad (22)$$

It means that we can design the net increment functions over different stocking levels if we have regression equation 15 and growth functions over average height for fully-stocked stands.

The estimates of coefficients *e*, *f* and *g* for the different species in equation 9 are shown in the Table 1.

Species	e	f	g
PINE	0.125	0.912	0
SPRUCE	-0.05	1.035	-1.25
BIRCH	0.140	0.902	0
ASPEN	0.1	0.93	0
OAK	0.429	0.7	0

Table 1. The coefficients of height dependency of stocking levels.

The calculations of the net increment dependency over stocking levels showed that the overall procedure of estimation is very sensitive to the estimate of the above coefficients. The coefficients e, f and g for pine, spruce and birch were taken directly from Table 2.55 by Kenstavichus *et al.* (1981). The coefficients for oak and aspen were estimated from tables for model stands, presented in the same book.

4. Results

The results presented below include coefficients of the models and tables of stand characteristics by different site indexes and stockings for Pine, Spruce, Larch, Oak, Birch and Aspen.

The following stand characteristics are presented:

1. growing stock (GS(A, N, d)),
2. total volume (TV(A, N, d)),
3. net increment dGS(A,N);
4. gross increment dTV(A,N);
5. mortality dM(A,N,d)=dTV(A,N,d) - dGS(A,N, d);
6. percentage of net increment pGS(A,N, d)=(dGS(A, N, d)/GS(A, N, d))*100;
7. percentage of gross increment pTV(A, N, d)=(dTV(A, N, d)/TV(A, N, d))*100;
8. percentage of mortality pM(A, N, d)=(M/GS)*100;

The estimates presented were validated based on some limited experimental data and rather numerous yield tables of model (real) stands. Unfortunately, the major part of the model yield tables, generated during the last decades in the former USSR, do not include data on the total productivity, and experimental data is absent for some parts of the distribution areas of the species studied. However, we consider the results presented as a unified modeling aggregation of existing knowledge with limitations based on the initial data. The complete tables generated from this approach are presented in Appendix 2.

1. PINE

Coefficients for growing stock: three-dimensional function

C_1

C_{100}	C_{101}	C_{102}	C_{110}	C_{120}	C_{122}
13.23984	878.7605	93.63118	-22.138	3.802649	-121.08

C_2

C_{200}	C_{201}	C_{202}	C_{210}	C_{220}	C_{222}
0.029244	-0.002	0.000203	-0.0025	0.000156	0.0002

C_3

C_{300}	C_{301}	C_{302}	C_{310}	C_{320}	C_{322}
2.092845	-0.07705	0.011944	-0.07196	0.013303	0.008194

Coefficients for total volume: three-dimensional function

C_1

C_{100}	C_{101}	C_{102}	C_{110}	C_{120}	C_{122}
207.4674	1778.316	-193.159	-66.9821	4.173756	-174.997

C_2

C_{200}	C_{201}	C_{202}	C_{210}	C_{220}	C_{222}
0.042285	-0.02136	0.003624	-0.0043	0.000342	0.001129

C_3

C_{300}	C_{301}	C_{302}	C_{310}	C_{320}	C_{322}
2.768428	-1.29628	0.822985	-0.2872	0.0389	0.077631

2. SPRUCE

Coefficients for growing stock: three-dimensional function

C_1

C_{100}	C_{101}	C_{102}	C_{110}	C_{120}	C_{122}
124.0545	1372.634	-54.7459	-69.644	7.802248	-166.021

C_2

C_{200}	C_{201}	C_{202}	C_{210}	C_{220}	C_{222}
0.024618	0.000243	7.87E-05	-0.00103	-2.8E-06	-7.2E-05

C_3

C_{300}	C_{301}	C_{302}	C_{310}	C_{320}	C_{322}
2.826917	0.040252	-0.02571	0.010275	0.013694	-0.01732

Coefficients for total volume: three-dimensional function

C_1

C_{100}	C_{101}	C_{102}	C_{110}	C_{120}	C_{122}
180.5888	2606.015	-489.992	-51.8728	0.47205	-229.123

C_2

	C_{201}	C_{202}	C_{210}	C_{220}	C_{222}
0.023864	-0.00294	0.001729	-0.00038	-7.7E-05	1.4E-05

C_3

C_{300}	C_{301}	C_{302}	C_{310}	C_{320}	C_{322}
2.712135	-0.29837	0.290073	0.304812	-0.02972	-0.00799

3. LARCH

Coefficients for growing stock: three-dimensional function

C_1

C_{100}	C_{101}	C_{102}	C_{110}	C_{120}	C_{122}
-53.8572	870.1806	118.3955	-16	2.762214	-114

C_2

C_{200}	C_{201}	C_{202}	C_{210}	C_{220}	C_{222}
0.056032	-0.02249	0.010626	-0.00978	0.00083	-0.00013

C_3

C_{300}	C_{301}	C_{302}	C_{310}	C_{320}	C_{322}
3.541151	-0.47666	0.046502	-0.76431	0.085249	0.028297

Coefficients for total volume: three-dimensional function

C_1

C_{100}	C_{101}	C_{102}	C_{110}	C_{120}	C_{122}
14.89885	1508.967	-1.3E-10	-67.6981	8.167804	-174.997

C_2

C_{200}	C_{201}	C_{202}	C_{210}	C_{220}	C_{222}
0.044226	-0.01773	2.11E-15	-0.00304	2.41E-05	0.001129

C_3

C_{300}	C_{301}	C_{302}	C_{310}	C_{320}	C_{322}
2.5861	-0.36643	3.86E-13	-0.19843	0.017095	0.053008

4. OAK

Coefficients for growing stock: three-dimensional function

C_1

C_{100}	C_{101}	C_{102}	C_{110}	C_{120}	C_{122}
-93.247	849.9144	381.1728	26.05641	0.87217	-162.108

C_2

C_{200}	C_{201}	C_{202}	C_{210}	C_{220}	C_{222}
0.017952	0.000832	-3.5E-05	-0.00104	0.000226	-0.00015

C_3

C_{300}	C_{301}	C_{302}	C_{310}	C_{320}	C_{322}
1.588481	0.08071	0.031384	-0.05392	0.025634	-0.03321

Coefficients for total volume: three-dimensional function

C_1

C_{100}	C_{101}	C_{102}	C_{110}	C_{120}	C_{122}
637.9028	1246.599	41.38131	-64.2541	-1.16365	-178.811

C_2

C_{200}	C_{201}	C_{202}	C_{210}	C_{220}	C_{222}
0.025627	-0.00865	0.002126	-0.0029	0.000361	0.000793

C_3

C_{300}	C_{301}	C_{302}	C_{310}	C_{320}	C_{322}
2.987432	-1.69441	0.759964	-0.11953	0.035984	-0.0597

5. BIRCH

Coefficients for growing stock: three-dimensional function

C_1

C_{100}	C_{101}	C_{102}	C_{110}	C_{120}	C_{122}
-25.3732	629.4216	81.68202	-9.87134	3.166198	-101.672

C_2

C_{200}	C_{201}	C_{202}	C_{210}	C_{220}	C_{222}
0.026576	-0.00304	0.001589	-0.00013	5.89E-05	-0.00013

C_3

C_{300}	C_{301}	C_{302}	C_{310}	C_{320}	C_{322}
1.126933	0.167419	-0.04063	0.178273	0.006152	-0.00943

Coefficients for total volume: three-dimensional function

C_1

C_{100}	C_{101}	C_{102}	C_{110}	C_{120}	C_{122}
199.2417	1115.688	-259.828	-80.4278	6.250513	-98.4463

C_2

C_{200}	C_{201}	C_{202}	C_{210}	C_{220}	C_{222}
0.048304	-0.01932	-0.00372	-0.00209	-3E-05	0.001882

C_3

C_{300}	C_{301}	C_{302}	C_{310}	C_{320}	C_{322}
2.37	-1.33322	0.407693	0.116397	-0.00487	0.113229

6. ASPEN

Coefficients for growing stock: three-dimensional function

C_1

C_{100}	C_{101}	C_{102}	C_{110}	C_{120}	C_{122}
-27.8481	674.9466	111.3739	6.617726	0.375203	-98.2327

C_2

C_{200}	C_{201}	C_{202}	C_{210}	C_{220}	C_{222}
0.036346	-0.0025	0.000382	-0.00573	0.000574	0.000243

C_3

C_{300}	C_{301}	C_{302}	C_{310}	C_{320}	C_{322}
1.708474	0.002149	-0.00107	-0.12874	0.01905	0.013201

Coefficients for total volume: three-dimensional function

C_1

C_{100}	C_{101}	C_{102}	C_{110}	C_{120}	C_{122}
260.4649	1263.355	-333.67	-112.257	10.80118	-103.653

C_2

C_{200}	C_{201}	C_{202}	C_{210}	C_{220}	C_{222}
0.051285	-0.01112	-0.00685	-0.00049	-4.9E-05	-0.00035

C_3

C_{300}	C_{301}	C_{302}	C_{310}	C_{320}	C_{322}
2.617857	-0.54505	0.106591	-0.02748	-0.00362	-0.00104

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Appendix 1

Definitions

In the following we present definitions of some terms which are central in the paper.

GS(A) - **growing stock** at age A, amount of the total stem volume of all living trees of a stand, expressed in m^3 per hectare.

TV(A) - **total volume** (total production) by age A, total volume produced of all stem wood by a stand up to age A, expressed in m^3 per hectare.

M(A) - **accumulated mortality**, the accumulated stem volume of trees which died of natural causes up to age A, expressed in m^3 per hectare. Hence,

$$TV(A) = GS(A) + M(A).$$

dTV(A) - **gross increment** per year at age A , is defined as:

$$dTV(A) = TV(A) - TV(A-1),$$

or

$$dTV(A) = f'(A),$$

where $TV(A) = f(A)$ is the functional expression for the total volume by age.

dGS(A) - **net increment** per year at age A, is defined as :

$$dGS(A) = GS(A) - GS(A-1),$$

or

$$dGS(A) = g'(A),$$

where $GS(A) = g(A)$ is the functional expression for the growing stock by age.

dM(A) - **mortality** per year for age A is the difference between gross and net increment

$$dM(A) = dTV(A) - dGS(A).$$

Gross increment per year as percent of total production to date can be approximately calculated as:

$$P_{TV}(A) = \frac{dTV(A) \cdot 200}{TV(A) + TV(A-1)},$$

or explicitly as:

$$P_{TV}(A) = \frac{f'(A) \cdot 100}{f(A)}$$

Net increment per year, as percentage of growing stock to date, can be calculated in the same manner.

The average diameter D is DBH, calculated as the average quadratic value of DBH's of the trees constituting a stand.

The average height H is the value, calculated from the regression equation as the height of the tree with the diameter equal to D.

Basal area BA is the sum of areas of all trees in the stand at breast height, expressed in m^2 per hectare.

Density or stocking is determined as the ratio between the sum of the basal areas of the measured stand at breast height and the sum of the basal areas of an ideal stand according to yield tables.

Site indexes are determined in Russia by average height at a certain age of stands.

Type of age structure (TASS) is a classification system of stands, which reflect the variation of age inside a separate stand.

General tables are yield tables for fully stocked stands for an entire area, dominated by a certain species and are valid for all of the former USSR. They are used as general standards for different comparisons, and for forest inventories and forest management, if regional tables are absent.

Regional tables are yield tables generated for a specified area which is dominated by a certain species. There are different types of regional tables: for normal (or fully stocked stands); for model (or not fully stocked stands), for different TASS; for specific goals of the forest management (so-called goal programs of forest regeneration); for forest plantations with different initial densities; etc. They are used for the local forest inventory and by the forest management.

Growth tables (or models) are regional tables (or models) of dependency of net or/and gross growth of different stand characteristic.

Appendix 2

Resulting Tables

1. Pine

1.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	13	11	10	8	7	6	5	3
10	44	39	34	30	25	21	16	12
15	87	77	68	59	50	41	33	24
20	136	122	107	93	79	65	52	38
25	189	169	149	129	110	91	72	53
30	243	217	191	166	141	117	92	68
35	296	264	233	202	172	142	112	83
40	346	310	273	237	201	166	132	97
45	395	352	311	270	229	189	150	111
50	439	392	346	300	255	210	167	123
60	519	463	408	354	301	248	196	145
70	585	522	460	399	339	279	221	163
80	640	570	502	435	369	304	241	178
90	683	609	536	464	394	325	256	189
100	718	640	563	488	414	341	269	199
110	746	665	585	506	429	353	279	206
120	768	684	601	521	441	363	287	211
130	785	699	615	532	450	371	292	216
140	798	711	625	541	458	377	297	219
150	809	720	633	547	464	381	301	222
160	817	727	639	553	468	385	304	224
170	824	733	644	557	471	388	306	225
180	829	737	648	560	474	390	307	227
				I Site Index				
5	10	9	8	6	5	4	3	3
10	34	30	26	23	19	16	12	9
15	67	59	52	45	38	31	24	18
20	105	93	82	71	60	49	38	28
25	146	130	114	99	83	68	53	39
30	189	168	147	127	107	88	69	50
35	230	205	180	155	131	107	84	61
40	271	241	212	183	154	126	99	72
45	310	276	242	209	176	144	113	82
50	347	309	271	234	197	161	126	92
60	413	367	322	278	235	192	150	109
70	470	417	366	316	266	218	170	124
80	517	459	402	347	293	239	187	136
90	555	493	432	373	314	257	200	145
100	587	521	457	393	331	271	211	153
110	613	544	476	410	346	282	220	160
120	633	562	492	424	357	291	227	165
130	650	577	505	435	366	299	233	169
140	663	588	515	443	373	304	237	172
150	674	598	523	450	379	309	241	174

1. Pine

1.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	682	605	529	455	383	312	244	176
170	689	611	534	460	387	315	246	178
180	694	615	538	463	389	318	247	179
				II Site Index				
5	7	6	5	5	4	3	2	2
10	25	22	19	16	14	11	9	6
15	49	44	38	33	27	22	17	12
20	78	69	60	52	44	35	27	20
25	109	97	85	73	61	50	38	28
30	142	126	110	94	79	64	50	36
35	175	155	135	116	97	79	61	44
40	207	183	160	137	115	94	73	52
45	237	210	184	158	132	108	83	60
50	267	236	207	177	149	121	94	67
60	321	284	248	213	179	145	112	80
70	368	325	284	244	204	166	128	92
80	407	361	315	270	226	184	142	102
90	441	390	340	292	245	198	153	110
100	469	414	362	310	260	211	163	116
110	492	435	379	325	272	221	170	122
120	510	451	393	337	282	229	177	126
130	526	465	405	347	290	235	182	130
140	538	475	414	355	297	241	186	133
150	548	484	422	361	302	245	189	135
160	556	491	428	367	307	248	192	137
170	563	497	433	371	310	251	194	138
180	568	502	437	374	313	253	195	139
				III Site Index				
5	4.8	4.2	3.6	3.1	2.6	2.1	1.6	1.1
10	17	15	13	11	9	8	6	4
15	35	31	27	23	19	15	12	8
20	56	49	43	37	31	25	19	14
25	79	69	60	52	43	35	27	19
30	103	91	79	68	57	46	35	25
35	128	113	98	84	70	57	44	31
40	152	134	117	100	83	67	52	37
45	176	155	135	115	96	78	60	43
50	199	175	153	130	109	88	68	48
60	241	213	185	158	132	107	82	59
70	279	246	214	183	153	123	95	68
80	312	275	239	204	170	138	106	75
90	340	299	260	222	185	150	115	82
100	363	320	278	237	198	160	123	87
110	383	337	293	250	208	168	129	92
120	399	351	305	260	217	175	135	96

1. Pine

1.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	412	363	315	269	224	181	139	99
140	424	373	324	276	230	186	143	101
150	433	381	331	282	235	189	146	103
160	440	387	336	287	239	193	148	105
170	446	393	341	291	242	195	150	106
180	451	397	345	294	245	197	152	108
				IV Site Index				
5		2.6	2.3	1.9	1.6	1.3	1.0	0.7
10	11	10	8	7	6	5	4	3
15	23	20	17	15	12	10	8	6
20	37	33	29	24	20	17	13	9
25	54	47	41	35	29	24	18	13
30	71	63	54	46	39	31	24	18
35	89	78	68	58	48	39	30	22
40	107	94	82	70	58	47	37	26
45	125	110	95	81	68	55	43	31
50	142	125	108	92	77	62	48	35
60	174	153	133	113	94	77	59	43
70	203	179	155	132	110	89	69	50
80	229	201	174	148	124	100	78	56
90	251	220	191	163	136	110	85	62
100	270	237	205	175	146	118	91	66
110	286	251	217	185	154	125	97	70
120	299	263	227	194	161	130	101	73
130	311	272	236	201	167	135	105	76
140	320	281	243	207	172	139	108	78
150	328	288	249	212	176	143	110	80
160	334	293	254	216	180	145	112	81
170	340	298	258	219	183	147	114	82
180	344	302	261	222	185	149	116	83
				V Site Index				
5			1.3	1.1	0.9	0.7	0.6	0.5
10		5.7	5.0	4.3	3.6	2.9	2.4	1.8
15	14	12	11	9	8	6	5	4
20	23	21	18	15	13	11	8	7
25	34	30	26	22	19	15	12	10
30	46	40	35	30	25	21	17	13
35	58	51	44	38	32	26	21	16
40	70	62	54	46	39	32	25	20
45	83	73	63	54	45	37	30	23
50	95	83	72	62	52	43	34	26
60	118	104	90	77	65	53	42	33
70	139	122	106	90	76	62	50	38
80	158	138	120	102	86	71	57	44
90	174	153	132	113	95	78	62	48

1. Pine

1.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	189	165	143	122	103	84	67	52
110	201	176	152	130	109	90	72	55
120	211	185	160	137	115	94	75	58
130	220	192	167	142	119	98	78	60
140	227	199	172	147	123	101	81	62
150	233	204	177	151	127	104	83	64
160	238	209	180	154	129	106	85	65
170	243	212	184	157	132	108	86	66
180	246	215	186	159	133	110	87	67
				Va Site Index				
5				0.5	0.5	0.4	0.3	0.3
10		3.0	2.6	2.3	2.0	1.7	1.5	1.3
15	7.5	6.6	5.8	5.0	4.4	3.8	3.3	2.8
20	13	11	10	9	8	6	6	5
25	19	17	15	13	11	10	8	7
30	26	23	20	18	15	13	11	10
35	34	30	26	23	20	17	15	13
40	42	36	32	28	24	21	18	16
45	49	43	38	33	28	25	21	18
50	57	50	44	38	33	28	25	21
60	72	63	55	48	41	36	31	27
70	85	75	65	57	49	43	37	32
80	98	86	75	65	56	49	42	36
90	109	95	83	72	63	54	47	40
100	118	104	90	79	68	59	51	44
110	126	111	97	84	73	63	54	47
120	133	117	102	89	77	66	57	49
130	139	122	107	92	80	69	59	
140	144	126	110	96	83	71	62	
150	148	130	114	99	85	73	63	
160	152	133	116	101	87	75	65	
170	155	136	118	103	89	77	66	
180	157	138	120	104	90	78		

1. Pine

1.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	12	14	15	15	14	13	11	9
10	48	53	55	55	53	49	43	35
15	103	110	113	113	108	100	88	73
20	170	179	182	180	172	159	141	118
25	245	255	258	253	241	222	197	165
30	325	335	336	328	312	286	253	212
35	408	416	415	402	380	348	307	258
40	490	496	491	474	446	407	358	300
45	570	574	564	542	508	462	405	339
50	648	648	633	605	565	512	448	374
60	793	783	758	718	665	599	521	433
70	921	900	863	812	746	668	579	478
80	1031	999	951	888	812	723	623	513
90	1124	1081	1023	949	863	765	657	538
100	1203	1149	1081	998	904	798	682	557
110	1268	1205	1127	1037	935	823	701	571
120	1321	1250	1164	1067	959	841	715	581
130	1365	1286	1194	1091	977	855	726	589
140	1401	1315	1217	1109	992	866	733	594
150	1431	1339	1236	1123	1002	874	739	598
160	1454	1357	1250	1134	1011	880	743	601
170	1474	1372	1262	1143	1017	885	746	603
180	1489	1384	1271	1150	1022	888	749	604
				I Site Index				
5	11	12	13	13	13	12	10	8
10	40	44	46	47	45	42	36	30
15	82	89	92	93	89	82	72	59
20	134	143	147	146	140	129	113	94
25	193	202	206	203	194	179	157	130
30	255	265	267	262	249	228	201	167
35	319	328	329	321	303	277	243	202
40	383	391	389	377	355	324	283	235
45	447	453	448	432	405	368	321	265
50	509	512	503	483	451	408	355	293
60	626	622	605	575	533	479	415	341
70	731	719	693	654	602	538	464	379
80	824	803	768	719	658	585	502	409
90	904	875	831	774	704	623	532	432
100	973	935	883	818	741	653	555	449
110	1032	985	926	853	770	676	573	462
120	1081	1028	961	882	793	694	587	472
130	1123	1062	989	905	811	708	598	479
140	1157	1091	1013	924	826	719	606	485
150	1186	1114	1031	939	837	728	612	489

1. Pine

1.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	1211	1134	1047	950	846	734	616	492
170	1231	1150	1059	960	853	739	620	495
180	1247	1163	1069	967	858	743	622	496
				II Site Index				
5	8.0	9.2	10.2	10.6	10.3	9.5	8.2	6.4
10	29	33	35	36	35	32	28	23
15	61	67	70	71	69	63	55	45
20	100	108	112	112	107	99	87	71
25	144	153	157	156	149	137	120	98
30	191	201	204	201	191	175	153	126
35	241	250	252	246	233	213	186	152
40	290	299	299	291	274	250	217	178
45	340	347	345	334	313	284	247	201
50	389	394	389	375	350	317	274	223
60	482	482	471	449	417	374	322	261
70	567	561	544	514	474	423	362	293
80	644	631	606	570	521	463	395	317
90	712	692	660	616	561	496	421	337
100	771	744	705	655	593	522	441	352
110	822	789	743	687	620	543	457	364
120	866	826	775	713	641	560	470	373
130	903	858	802	735	658	573	480	380
140	935	885	823	752	672	584	488	385
150	962	907	841	766	683	592	494	390
160	985	926	856	778	692	598	499	393
170	1004	941	868	787	699	604	502	395
180	1021	954	878	795	704	608	505	397
				III Site Index				
5	5.0	6.0	6.7	7.0	7.0	6.5	5.6	4.4
10	19.5	22.2	24.0	24.8	24.3	22.6	19.7	15.7
15	42	46	49	50	48	45	39	32
20	69	75	79	79	77	71	62	50
25	102	109	112	112	108	99	86	70
30	137	144	148	146	140	128	111	90
35	173	181	184	181	172	156	136	109
40	211	219	220	215	203	184	160	128
45	249	256	256	248	233	211	182	146
50	287	292	290	280	262	237	204	163
60	360	362	355	340	315	283	242	193
70	428	426	414	392	362	322	274	218
80	491	483	465	438	401	355	300	238
90	546	533	510	477	434	382	322	254
100	595	577	548	510	462	405	340	267
110	638	615	581	537	484	423	354	277
120	676	647	608	560	503	438	365	285

1. Pine

1.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	708	675	632	579	518	450	374	291
140	736	698	651	595	531	459	381	296
150	759	718	667	608	541	467	386	299
160	780	735	681	619	549	473	391	302
170	797	749	692	627	556	478	394	305
180	812	760	701	635	561	482	397	306
				IV Site Index				
5		3.3	3.7	4.0	4.0	3.8	3.2	2.5
10	11.5	13.2	14.5	15.1	15.0	14.0	12.1	9.6
15	26	29	31	32	31	29	25	20
20	45	49	51	52	51	47	41	32
25	67	72	75	75	72	67	58	46
30	92	98	100	100	95	87	75	60
35	119	124	127	125	119	108	93	74
40	146	152	154	151	142	129	111	87
45	175	180	181	176	165	149	128	101
50	203	208	207	200	188	169	144	113
60	259	261	257	246	229	204	173	135
70	312	311	303	288	265	235	198	154
80	361	356	344	324	296	261	219	169
90	405	396	380	355	323	283	236	182
100	444	432	411	382	346	302	250	192
110	479	462	437	405	364	317	262	200
120	509	489	460	424	380	329	271	207
130	536	511	479	440	393	339	279	212
140	558	531	495	453	403	347	284	216
150	578	547	509	464	412	354	289	219
160	594	561	520	473	419	359	293	222
170	608	573	530	480	425	363	296	224
180	621	582	538	486	429	367	298	225
				V Site Index				
5			1.7	1.9	1.9	1.8	1.6	1.2
10		6.9	7.6	8.0	8.0	7.5	6.5	5.0
15	14.3	16.1	17.4	18.0	17.7	16.5	14.2	11.0
20	26	29	30	31	30	28	24	19
25	41	44	46	46	45	41	35	27
30	57	61	63	63	60	55	47	36
35	76	80	81	81	77	70	59	45
40	95	99	100	99	93	84	71	55
45	115	119	120	117	110	99	83	64
50	136	139	139	134	126	112	95	72
60	176	178	175	168	156	138	116	88
70	215	215	210	199	183	161	134	101
80	252	248	240	226	206	181	149	112
90	284	279	267	250	227	197	162	121

1. Pine

1.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	314	305	291	270	244	211	173	129
110	339	328	311	287	258	223	182	135
120	362	348	328	302	270	232	189	139
130	382	365	342	314	280	240	194	143
140	398	379	355	324	288	246	199	146
150	413	392	365	333	295	251	202	148
160	425	402	374	339	300	255	205	150
170	435	411	381	345	304	258	207	152
180	444	418	387	350	308	261	209	153
				Va Site Index				
5				0.7	0.7	0.7	0.6	0.4
10		3.0	3.3	3.6	3.6	3.4	2.9	2.1
15	6.8	7.7	8.4	8.8	8.7	8.0	6.8	5.0
20	13	15	16	16	16	14	12	9
25	22	23	25	25	24	22	19	14
30	31	34	35	35	34	31	26	19
35	43	45	46	46	44	39	33	24
40	55	57	58	57	54	49	40	29
45	67	70	71	69	65	58	48	35
50	80	83	83	81	75	67	55	40
60	107	108	107	103	95	84	68	49
70	132	132	130	123	113	99	80	57
80	156	155	150	142	129	112	90	64
90	177	174	168	157	143	123	99	70
100	196	192	184	171	154	132	106	74
110	212	207	197	182	164	140	111	78
120	227	220	208	192	171	146	116	81
130	239	230	218	200	178	151	120	
140	250	240	225	207	183	155	122	
150	258	247	232	212	188	158	125	
160	266	254	237	216	191	161	127	
170	272	259	242	220	194	163	128	
180	277	264	246	223	196	165		

1. Pine

1.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	4.65	4.15	3.65	3.16	2.68	2.21	1.74	1.29
10	7.61	6.79	5.99	5.20	4.42	3.65	2.89	2.14
15	9.39	8.40	7.41	6.44	5.47	4.52	3.58	2.65
20	10.35	9.25	8.17	7.10	6.03	4.99	3.95	2.93
25	10.73	9.59	8.46	7.35	6.25	5.16	4.09	3.03
30	10.69	9.55	8.43	7.32	6.22	5.14	4.07	3.01
35	10.39	9.27	8.18	7.09	6.03	4.97	3.94	2.91
40	9.90	8.83	7.78	6.75	5.73	4.73	3.74	2.76
45	9.30	8.29	7.30	6.33	5.37	4.43	3.50	2.59
50	8.64	7.70	6.78	5.87	4.98	4.10	3.24	2.39
60	7.28	6.48	5.70	4.93	4.17	3.43	2.70	1.99
70	6.00	5.33	4.68	4.04	3.41	2.80	2.21	1.62
80	4.87	4.32	3.78	3.26	2.75	2.26	1.77	1.30
90	3.91	3.46	3.03	2.60	2.19	1.80	1.41	1.03
100	3.11	2.75	2.40	2.06	1.74	1.42	1.11	0.81
110	2.46	2.17	1.89	1.62	1.36	1.11	0.87	0.64
120	1.94	1.71	1.49	1.27	1.07	0.87	0.68	0.49
130	1.52	1.34	1.16	0.99	0.83	0.68	0.53	0.38
140	1.19	1.05	0.91	0.78	0.65	0.53	0.41	0.30
150	0.93	0.82	0.71	0.60	0.50	0.41	0.32	0.23
160	0.73	0.64	0.55	0.47	0.39	0.32	0.24	0.18
170	0.57	0.50	0.43	0.36	0.30	0.24	0.19	0.14
180	0.44	0.39	0.33	0.28	0.23	0.19	0.15	0.11
				I Site Index				
5	3.58	3.18	2.79	2.40	2.02	1.65	1.29	0.93
10	5.83	5.19	4.56	3.93	3.32	2.72	2.13	1.54
15	7.24	6.44	5.66	4.89	4.13	3.38	2.65	1.93
20	8.04	7.15	6.29	5.43	4.59	3.76	2.94	2.14
25	8.40	7.48	6.57	5.67	4.79	3.93	3.07	2.23
30	8.46	7.52	6.61	5.70	4.82	3.94	3.09	2.24
35	8.29	7.38	6.47	5.59	4.72	3.86	3.02	2.19
40	7.98	7.10	6.23	5.37	4.53	3.71	2.90	2.10
45	7.58	6.73	5.91	5.09	4.29	3.51	2.74	1.99
50	7.12	6.32	5.54	4.77	4.02	3.29	2.57	1.86
60	6.13	5.44	4.76	4.09	3.45	2.81	2.19	1.59
70	5.16	4.57	4.00	3.43	2.88	2.35	1.83	1.32
80	4.28	3.78	3.30	2.83	2.38	1.93	1.50	1.09
90	3.50	3.09	2.70	2.31	1.94	1.57	1.22	0.88
100	2.85	2.51	2.19	1.87	1.56	1.27	0.98	0.71
110	2.30	2.02	1.76	1.50	1.26	1.02	0.79	0.57
120	1.85	1.62	1.41	1.20	1.00	0.81	0.63	0.45
130	1.48	1.30	1.13	0.96	0.80	0.65	0.50	0.36
140	1.18	1.04	0.90	0.76	0.64	0.51	0.39	0.28
150	0.94	0.82	0.71	0.61	0.50	0.41	0.31	0.22

1. Pine

1.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.75	0.66	0.57	0.48	0.40	0.32	0.25	0.18
170	0.59	0.52	0.45	0.38	0.31	0.25	0.19	0.14
180	0.47	0.41	0.35	0.30	0.25	0.20	0.15	0.11
				II Site Index				
5	2.61	2.31	2.02	1.73	1.45	1.18	0.91	0.65
10	4.31	3.82	3.34	2.87	2.41	1.96	1.52	1.08
15	5.41	4.80	4.20	3.61	3.03	2.46	1.91	1.37
20	6.08	5.39	4.71	4.05	3.40	2.77	2.14	1.54
25	6.43	5.70	4.98	4.28	3.59	2.92	2.26	1.62
30	6.54	5.79	5.06	4.35	3.65	2.97	2.30	1.65
35	6.48	5.74	5.02	4.31	3.61	2.94	2.27	1.63
40	6.30	5.58	4.88	4.18	3.51	2.85	2.21	1.58
45	6.05	5.35	4.67	4.01	3.36	2.73	2.11	1.51
50	5.74	5.07	4.43	3.80	3.18	2.58	2.00	1.43
60	5.04	4.45	3.88	3.32	2.78	2.25	1.74	1.24
70	4.32	3.82	3.32	2.84	2.38	1.92	1.48	1.06
80	3.65	3.22	2.80	2.39	2.00	1.61	1.24	0.89
90	3.05	2.68	2.33	1.99	1.66	1.34	1.03	0.73
100	2.52	2.22	1.92	1.64	1.36	1.10	0.85	0.60
110	2.07	1.82	1.58	1.34	1.12	0.90	0.69	0.49
120	1.69	1.49	1.29	1.09	0.91	0.73	0.56	0.40
130	1.38	1.21	1.05	0.89	0.74	0.59	0.45	0.32
140	1.12	0.98	0.85	0.72	0.60	0.48	0.37	0.26
150	0.91	0.79	0.68	0.58	0.48	0.38	0.29	0.21
160	0.73	0.64	0.55	0.47	0.39	0.31	0.24	0.17
170	0.59	0.52	0.44	0.38	0.31	0.25	0.19	0.13
180	0.48	0.42	0.36	0.30	0.25	0.20	0.15	0.11
				III Site Index				
5	1.79	1.58	1.38	1.18	0.98	0.79	0.61	0.43
10	3.05	2.69	2.34	2.00	1.67	1.35	1.04	0.74
15	3.90	3.44	3.00	2.57	2.14	1.74	1.34	0.95
20	4.45	3.93	3.42	2.93	2.45	1.98	1.53	1.09
25	4.77	4.21	3.66	3.13	2.62	2.12	1.63	1.16
30	4.91	4.33	3.77	3.22	2.69	2.18	1.68	1.20
35	4.92	4.34	3.78	3.23	2.70	2.18	1.68	1.20
40	4.84	4.27	3.71	3.17	2.65	2.14	1.65	1.17
45	4.69	4.13	3.59	3.07	2.56	2.07	1.59	1.13
50	4.49	3.96	3.44	2.94	2.45	1.98	1.52	1.08
60	4.02	3.54	3.07	2.62	2.18	1.76	1.36	0.96
70	3.51	3.09	2.68	2.28	1.90	1.53	1.18	0.84
80	3.01	2.65	2.29	1.95	1.63	1.31	1.00	0.71
90	2.55	2.24	1.94	1.65	1.37	1.10	0.85	0.60
100	2.15	1.88	1.63	1.38	1.15	0.92	0.71	0.50
110	1.79	1.57	1.36	1.15	0.95	0.77	0.59	0.41
120	1.48	1.30	1.12	0.95	0.79	0.63	0.48	0.34

1. Pine

1.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	1.23	1.07	0.93	0.78	0.65	0.52	0.40	0.28
140	1.01	0.88	0.76	0.64	0.53	0.43	0.32	0.23
150	0.83	0.72	0.62	0.53	0.44	0.35	0.26	0.19
160	0.68	0.59	0.51	0.43	0.36	0.28	0.22	0.15
170	0.56	0.48	0.42	0.35	0.29	0.23	0.18	0.12
180	0.45	0.40	0.34	0.29	0.24	0.19	0.14	0.10
				IV Site Index				
5		1.01	0.88	0.75	0.62	0.50	0.39	0.28
10	2.04	1.79	1.55	1.33	1.11	0.90	0.70	0.51
15	2.67	2.35	2.04	1.74	1.46	1.18	0.92	0.66
20	3.11	2.74	2.38	2.03	1.69	1.37	1.07	0.77
25	3.39	2.98	2.59	2.21	1.84	1.49	1.16	0.84
30	3.54	3.11	2.70	2.30	1.92	1.56	1.21	0.88
35	3.59	3.16	2.74	2.34	1.95	1.58	1.23	0.89
40	3.57	3.14	2.72	2.32	1.94	1.57	1.22	0.88
45	3.50	3.07	2.66	2.27	1.89	1.53	1.19	0.86
50	3.38	2.97	2.57	2.19	1.83	1.48	1.15	0.83
60	3.08	2.70	2.34	1.99	1.66	1.34	1.04	0.75
70	2.73	2.40	2.07	1.76	1.47	1.19	0.92	0.66
80	2.38	2.08	1.80	1.53	1.27	1.03	0.79	0.57
90	2.04	1.79	1.55	1.31	1.09	0.88	0.68	0.49
100	1.74	1.52	1.31	1.11	0.93	0.75	0.58	0.41
110	1.47	1.28	1.11	0.94	0.78	0.63	0.48	0.35
120	1.23	1.08	0.93	0.79	0.65	0.52	0.40	0.29
130	1.03	0.90	0.77	0.66	0.54	0.44	0.34	0.24
140	0.86	0.75	0.64	0.54	0.45	0.36	0.28	0.20
150	0.71	0.62	0.53	0.45	0.37	0.30	0.23	0.16
160	0.59	0.51	0.44	0.37	0.31	0.25	0.19	0.14
170	0.49	0.42	0.36	0.31	0.25	0.20	0.16	0.11
180	0.40	0.35	0.30	0.25	0.21	0.17	0.13	0.09
				V Site Index				
5			0.51	0.44	0.37	0.30	0.24	0.19
10		1.10	0.96	0.82	0.69	0.57	0.45	0.35
15	1.71	1.50	1.30	1.11	0.94	0.77	0.62	0.48
20	2.04	1.79	1.55	1.33	1.12	0.92	0.74	0.57
25	2.26	1.98	1.72	1.47	1.24	1.02	0.82	0.63
30	2.40	2.10	1.82	1.56	1.31	1.08	0.86	0.66
35	2.47	2.16	1.88	1.60	1.35	1.11	0.89	0.68
40	2.48	2.18	1.89	1.61	1.36	1.12	0.89	0.69
45	2.46	2.15	1.86	1.59	1.34	1.10	0.88	0.68
50	2.40	2.10	1.82	1.55	1.31	1.07	0.86	0.66
60	2.22	1.94	1.68	1.44	1.21	0.99	0.79	0.61
70	2.00	1.75	1.51	1.29	1.08	0.89	0.71	0.54
80	1.76	1.54	1.33	1.13	0.95	0.78	0.62	0.48
90	1.53	1.34	1.15	0.98	0.82	0.68	0.54	0.41

1. Pine

1.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	1.31	1.15	0.99	0.84	0.71	0.58	0.46	0.35
110	1.12	0.98	0.84	0.72	0.60	0.49	0.39	0.30
120	0.95	0.83	0.71	0.61	0.51	0.42	0.33	0.25
130	0.80	0.70	0.60	0.51	0.43	0.35	0.28	0.21
140	0.67	0.58	0.50	0.43	0.36	0.29	0.23	0.18
150	0.56	0.49	0.42	0.36	0.30	0.24	0.19	0.15
160	0.47	0.41	0.35	0.30	0.25	0.20	0.16	0.12
170	0.39	0.34	0.29	0.25	0.21	0.17	0.13	0.10
180	0.32	0.28	0.24	0.21	0.17	0.14	0.11	0.08
				Va Site Index				
5				0.23	0.20	0.17	0.15	0.13
10		0.60	0.53	0.46	0.40	0.34	0.30	0.26
15	0.97	0.85	0.75	0.65	0.56	0.49	0.42	0.36
20	1.19	1.05	0.91	0.79	0.69	0.59	0.51	0.45
25	1.35	1.19	1.04	0.90	0.78	0.67	0.58	0.51
30	1.46	1.28	1.12	0.97	0.84	0.73	0.63	0.54
35	1.52	1.33	1.17	1.01	0.88	0.76	0.65	0.57
40	1.55	1.36	1.19	1.03	0.89	0.77	0.66	0.58
45	1.55	1.36	1.18	1.03	0.89	0.77	0.66	0.58
50	1.52	1.34	1.17	1.01	0.88	0.76	0.65	0.57
60	1.43	1.25	1.09	0.95	0.82	0.71	0.61	0.53
70	1.30	1.14	1.00	0.86	0.75	0.64	0.56	0.48
80	1.16	1.02	0.89	0.77	0.66	0.57	0.49	0.43
90	1.02	0.89	0.78	0.67	0.58	0.50	0.43	0.37
100	0.88	0.77	0.67	0.58	0.50	0.43	0.37	0.32
110	0.75	0.66	0.58	0.50	0.43	0.37	0.32	0.28
120	0.64	0.56	0.49	0.42	0.37	0.31	0.27	0.23
130	0.54	0.48	0.41	0.36	0.31	0.27	0.23	
140	0.46	0.40	0.35	0.30	0.26	0.22	0.19	
150	0.39	0.34	0.29	0.25	0.22	0.19	0.16	
160	0.32	0.28	0.25	0.21	0.18	0.16	0.13	
170	0.27	0.24	0.21	0.18	0.15	0.13	0.11	
180	0.23	0.20	0.17	0.15	0.13	0.11		

1. Pine

1.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	4.99	5.48	5.76	5.80	5.59	5.14	4.48	3.66
10	9.20	9.78	10.06	10.01	9.62	8.90	7.89	6.62
15	12.28	12.78	12.92	12.70	12.13	11.21	9.97	8.43
20	14.38	14.69	14.64	14.24	13.49	12.41	11.01	9.32
25	15.68	15.76	15.50	14.91	14.01	12.80	11.31	9.53
30	16.34	16.20	15.74	14.98	13.94	12.64	11.09	9.31
35	16.52	16.16	15.52	14.61	13.47	12.12	10.56	8.80
40	16.33	15.78	14.99	13.97	12.76	11.37	9.83	8.13
45	15.88	15.17	14.25	13.15	11.89	10.51	9.00	7.38
50	15.24	14.40	13.38	12.23	10.96	9.59	8.15	6.62
60	13.65	12.62	11.50	10.30	9.06	7.79	6.49	5.18
70	11.89	10.78	9.63	8.47	7.31	6.17	5.05	3.95
80	10.15	9.04	7.93	6.85	5.80	4.81	3.86	2.97
90	8.56	7.48	6.45	5.47	4.55	3.70	2.92	2.20
100	7.13	6.13	5.19	4.33	3.54	2.83	2.19	1.62
110	5.90	4.99	4.16	3.41	2.74	2.15	1.63	1.18
120	4.86	4.04	3.31	2.67	2.11	1.62	1.21	0.86
130	3.98	3.26	2.62	2.08	1.62	1.22	0.90	0.63
140	3.24	2.62	2.08	1.62	1.24	0.92	0.66	0.46
150	2.64	2.10	1.64	1.26	0.94	0.69	0.49	0.33
160	2.14	1.68	1.29	0.97	0.72	0.52	0.36	0.24
170	1.74	1.34	1.02	0.76	0.55	0.39	0.27	0.17
180	1.41	1.07	0.80	0.58	0.42	0.29	0.20	0.12
				I Site Index				
5	4.14	4.60	4.89	4.97	4.81	4.43	3.86	3.13
10	7.30	7.83	8.11	8.11	7.81	7.22	6.37	5.28
15	9.58	10.04	10.21	10.07	9.62	8.87	7.84	6.55
20	11.14	11.46	11.47	11.18	10.59	9.72	8.57	7.16
25	12.14	12.28	12.13	11.69	10.98	10.01	8.78	7.32
30	12.69	12.65	12.34	11.77	10.95	9.91	8.65	7.17
35	12.89	12.69	12.23	11.55	10.65	9.56	8.28	6.83
40	12.83	12.48	11.90	11.12	10.16	9.05	7.78	6.37
45	12.58	12.09	11.41	10.56	9.56	8.44	7.20	5.85
50	12.18	11.58	10.82	9.92	8.90	7.79	6.60	5.32
60	11.12	10.36	9.49	8.54	7.54	6.48	5.39	4.28
70	9.90	9.05	8.14	7.19	6.23	5.27	4.31	3.36
80	8.65	7.76	6.86	5.96	5.08	4.22	3.39	2.60
90	7.45	6.58	5.72	4.88	4.09	3.34	2.64	1.99
100	6.36	5.52	4.72	3.97	3.27	2.63	2.04	1.51
110	5.39	4.60	3.88	3.21	2.60	2.05	1.57	1.14
120	4.54	3.82	3.16	2.58	2.06	1.60	1.20	0.85
130	3.80	3.15	2.57	2.06	1.62	1.24	0.91	0.64
140	3.17	2.60	2.09	1.65	1.27	0.96	0.70	0.48
150	2.64	2.13	1.69	1.31	1.00	0.74	0.53	0.36

1. Pine

1.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	2.20	1.75	1.36	1.05	0.78	0.57	0.40	0.27
170	1.82	1.43	1.10	0.83	0.61	0.44	0.30	0.20
180	1.51	1.17	0.89	0.66	0.48	0.34	0.23	0.15
				II Site Index				
5	3.07	3.46	3.73	3.83	3.74	3.46	3.01	2.42
10	5.41	5.88	6.14	6.18	5.97	5.52	4.85	3.98
15	7.15	7.55	7.73	7.66	7.34	6.76	5.94	4.90
20	8.37	8.67	8.73	8.54	8.10	7.42	6.50	5.36
25	9.19	9.36	9.29	8.98	8.44	7.68	6.69	5.50
30	9.68	9.72	9.53	9.11	8.48	7.66	6.64	5.43
35	9.92	9.83	9.52	9.01	8.32	7.45	6.41	5.22
40	9.97	9.75	9.34	8.75	8.01	7.11	6.08	4.92
45	9.86	9.53	9.04	8.39	7.61	6.70	5.69	4.57
50	9.63	9.22	8.65	7.96	7.15	6.25	5.26	4.19
60	8.96	8.40	7.74	6.99	6.18	5.31	4.40	3.45
70	8.11	7.47	6.76	6.00	5.22	4.41	3.60	2.78
80	7.21	6.53	5.81	5.08	4.34	3.61	2.90	2.20
90	6.33	5.64	4.93	4.24	3.57	2.93	2.31	1.72
100	5.50	4.82	4.16	3.52	2.91	2.35	1.82	1.34
110	4.74	4.09	3.48	2.90	2.36	1.88	1.43	1.04
120	4.06	3.45	2.89	2.38	1.91	1.49	1.12	0.80
130	3.46	2.90	2.40	1.94	1.54	1.18	0.88	0.61
140	2.94	2.43	1.98	1.58	1.23	0.94	0.68	0.47
150	2.48	2.03	1.63	1.28	0.99	0.74	0.53	0.36
160	2.10	1.69	1.34	1.04	0.79	0.58	0.41	0.27
170	1.77	1.41	1.10	0.84	0.63	0.46	0.32	0.21
180	1.49	1.17	0.90	0.68	0.50	0.36	0.25	0.16
				III Site Index				
5	2.01	2.31	2.52	2.62	2.58	2.40	2.09	1.66
10	3.72	4.08	4.31	4.37	4.24	3.93	3.44	2.78
15	5.05	5.39	5.56	5.54	5.32	4.90	4.28	3.47
20	6.04	6.31	6.39	6.28	5.97	5.46	4.75	3.85
25	6.75	6.92	6.91	6.70	6.31	5.72	4.95	4.01
30	7.22	7.29	7.18	6.89	6.42	5.78	4.97	4.00
35	7.49	7.46	7.26	6.89	6.36	5.68	4.86	3.89
40	7.61	7.48	7.20	6.77	6.20	5.49	4.66	3.70
45	7.60	7.39	7.04	6.55	5.95	5.23	4.40	3.48
50	7.50	7.22	6.80	6.28	5.65	4.92	4.12	3.23
60	7.10	6.69	6.20	5.62	4.97	4.27	3.51	2.71
70	6.53	6.05	5.50	4.91	4.27	3.61	2.93	2.23
80	5.89	5.37	4.80	4.21	3.61	3.01	2.40	1.80
90	5.23	4.70	4.14	3.58	3.02	2.48	1.95	1.44
100	4.60	4.07	3.53	3.01	2.50	2.02	1.57	1.14
110	4.01	3.50	2.99	2.51	2.06	1.64	1.25	0.89
120	3.47	2.99	2.52	2.09	1.69	1.33	1.00	0.70

1. Pine

1.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	2.99	2.54	2.12	1.73	1.38	1.07	0.79	0.55
140	2.57	2.15	1.77	1.43	1.12	0.86	0.62	0.43
150	2.19	1.82	1.48	1.17	0.91	0.69	0.49	0.33
160	1.87	1.53	1.23	0.96	0.74	0.55	0.39	0.26
170	1.59	1.29	1.02	0.79	0.60	0.44	0.31	0.20
180	1.35	1.08	0.84	0.65	0.48	0.35	0.24	0.15
				IV Site Index				
5		1.34	1.49	1.57	1.56	1.46	1.27	1.00
10	2.34	2.59	2.76	2.83	2.76	2.56	2.23	1.77
15	3.35	3.60	3.74	3.75	3.61	3.32	2.89	2.30
20	4.15	4.36	4.44	4.39	4.18	3.81	3.29	2.62
25	4.75	4.91	4.92	4.79	4.52	4.09	3.51	2.78
30	5.19	5.27	5.22	5.02	4.68	4.20	3.58	2.82
35	5.48	5.49	5.36	5.10	4.71	4.20	3.55	2.78
40	5.64	5.58	5.39	5.08	4.65	4.11	3.45	2.68
45	5.71	5.58	5.33	4.98	4.52	3.96	3.30	2.55
50	5.69	5.50	5.21	4.81	4.33	3.76	3.12	2.39
60	5.47	5.19	4.82	4.38	3.88	3.32	2.71	2.05
70	5.10	4.75	4.34	3.88	3.39	2.85	2.29	1.71
80	4.65	4.26	3.83	3.38	2.90	2.41	1.91	1.40
90	4.17	3.76	3.34	2.90	2.45	2.01	1.57	1.13
100	3.69	3.29	2.87	2.46	2.05	1.66	1.27	0.91
110	3.24	2.84	2.45	2.07	1.71	1.36	1.03	0.72
120	2.82	2.44	2.08	1.74	1.41	1.11	0.83	0.57
130	2.44	2.09	1.76	1.45	1.16	0.90	0.66	0.45
140	2.10	1.78	1.48	1.20	0.95	0.73	0.53	0.36
150	1.80	1.51	1.24	0.99	0.78	0.59	0.42	0.28
160	1.54	1.27	1.03	0.82	0.63	0.47	0.33	0.22
170	1.31	1.07	0.86	0.68	0.52	0.38	0.27	0.17
180	1.12	0.90	0.72	0.56	0.42	0.31	0.21	0.13
				V Site Index				
5			0.75	0.80	0.81	0.76	0.66	0.51
10		1.48	1.59	1.64	1.61	1.50	1.29	1.00
15	2.03	2.20	2.31	2.33	2.25	2.07	1.78	1.37
20	2.65	2.80	2.87	2.85	2.72	2.47	2.11	1.63
25	3.14	3.26	3.29	3.21	3.03	2.73	2.32	1.78
30	3.52	3.60	3.57	3.45	3.22	2.87	2.42	1.85
35	3.80	3.82	3.75	3.58	3.30	2.93	2.44	1.85
40	3.97	3.95	3.83	3.62	3.31	2.91	2.41	1.82
45	4.07	4.00	3.84	3.59	3.25	2.83	2.33	1.75
50	4.10	3.98	3.78	3.51	3.15	2.73	2.23	1.66
60	4.00	3.81	3.56	3.24	2.87	2.44	1.97	1.44
70	3.77	3.53	3.24	2.91	2.53	2.12	1.69	1.22
80	3.45	3.19	2.88	2.55	2.19	1.81	1.42	1.01
90	3.11	2.83	2.52	2.20	1.86	1.52	1.17	0.82

1. Pine

1.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	2.75	2.47	2.18	1.87	1.57	1.26	0.96	0.66
110	2.41	2.14	1.86	1.58	1.31	1.04	0.78	0.53
120	2.10	1.84	1.58	1.33	1.08	0.85	0.63	0.42
130	1.81	1.57	1.33	1.11	0.89	0.69	0.50	0.34
140	1.55	1.33	1.12	0.92	0.73	0.56	0.40	0.26
150	1.33	1.13	0.94	0.76	0.60	0.45	0.32	0.21
160	1.13	0.95	0.78	0.63	0.49	0.36	0.26	0.16
170	0.96	0.80	0.65	0.52	0.40	0.29	0.20	0.13
180	0.81	0.67	0.54	0.42	0.32	0.24	0.16	0.10
				Va Site Index				
5				0.34	0.34	0.32	0.28	0.20
10		0.72	0.78	0.81	0.80	0.74	0.63	0.47
15	1.07	1.17	1.24	1.26	1.22	1.12	0.94	0.69
20	1.48	1.58	1.64	1.63	1.56	1.41	1.18	0.87
25	1.84	1.92	1.95	1.92	1.81	1.62	1.35	0.98
30	2.12	2.18	2.19	2.12	1.98	1.76	1.45	1.05
35	2.34	2.37	2.34	2.25	2.08	1.83	1.49	1.07
40	2.49	2.49	2.44	2.31	2.12	1.84	1.50	1.07
45	2.58	2.56	2.47	2.32	2.11	1.82	1.47	1.04
50	2.63	2.57	2.46	2.29	2.06	1.77	1.41	1.00
60	2.60	2.50	2.35	2.15	1.90	1.61	1.27	0.88
70	2.45	2.32	2.15	1.94	1.69	1.41	1.09	0.75
80	2.25	2.10	1.92	1.70	1.47	1.20	0.92	0.62
90	2.02	1.86	1.67	1.47	1.25	1.01	0.76	0.51
100	1.78	1.62	1.44	1.25	1.05	0.84	0.63	0.41
110	1.54	1.39	1.22	1.05	0.87	0.69	0.51	0.33
120	1.33	1.18	1.03	0.87	0.72	0.56	0.41	0.26
130	1.14	1.00	0.86	0.72	0.59	0.45	0.33	
140	0.96	0.84	0.72	0.60	0.48	0.37	0.26	
150	0.81	0.70	0.60	0.49	0.39	0.29	0.21	
160	0.68	0.59	0.49	0.40	0.31	0.24	0.16	
170	0.57	0.49	0.41	0.33	0.25	0.19	0.13	
180	0.48	0.41	0.33	0.27	0.21	0.15		

1. Pine

1.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	0.34	1.33	2.11	2.64	2.91	2.93	2.73	2.37
10	1.60	2.99	4.07	4.81	5.20	5.25	5.00	4.48
15	2.89	4.38	5.51	6.27	6.66	6.69	6.39	5.78
20	4.03	5.44	6.47	7.14	7.45	7.42	7.06	6.39
25	4.95	6.18	7.04	7.57	7.76	7.64	7.22	6.51
30	5.64	6.64	7.31	7.66	7.72	7.50	7.03	6.29
35	6.13	6.89	7.34	7.52	7.45	7.14	6.62	5.88
40	6.43	6.95	7.20	7.22	7.03	6.65	6.09	5.36
45	6.58	6.88	6.95	6.82	6.53	6.08	5.51	4.80
50	6.60	6.70	6.61	6.36	5.98	5.50	4.91	4.23
60	6.36	6.14	5.80	5.38	4.89	4.36	3.79	3.19
70	5.88	5.45	4.95	4.43	3.90	3.36	2.84	2.33
80	5.28	4.72	4.14	3.58	3.05	2.55	2.09	1.66
90	4.65	4.02	3.42	2.86	2.36	1.91	1.51	1.17
100	4.03	3.38	2.79	2.27	1.80	1.41	1.08	0.81
110	3.44	2.82	2.26	1.78	1.37	1.03	0.76	0.55
120	2.92	2.33	1.82	1.39	1.04	0.75	0.53	0.37
130	2.46	1.92	1.46	1.09	0.78	0.55	0.37	0.24
140	2.05	1.57	1.17	0.84	0.59	0.40	0.25	0.16
150	1.71	1.28	0.93	0.65	0.44	0.28	0.17	0.10
160	1.42	1.04	0.74	0.51	0.33	0.20	0.12	0.06
170	1.17	0.84	0.59	0.39	0.25	0.14	0.08	0.04
180	0.96	0.68	0.47	0.30	0.18	0.10	0.05	0.02
				I Site Index				
5	0.56	1.43	2.11	2.57	2.79	2.78	2.57	2.19
10	1.47	2.64	3.56	4.17	4.49	4.50	4.24	3.74
15	2.34	3.59	4.55	5.18	5.49	5.49	5.19	4.62
20	3.11	4.30	5.19	5.75	6.01	5.96	5.63	5.02
25	3.74	4.80	5.56	6.02	6.19	6.08	5.71	5.09
30	4.23	5.13	5.73	6.07	6.14	5.97	5.56	4.93
35	4.60	5.31	5.76	5.96	5.93	5.70	5.27	4.64
40	4.85	5.38	5.67	5.75	5.63	5.34	4.88	4.27
45	5.00	5.36	5.50	5.47	5.27	4.93	4.46	3.87
50	5.06	5.26	5.28	5.15	4.88	4.51	4.03	3.46
60	4.99	4.92	4.73	4.45	4.09	3.67	3.20	2.69
70	4.74	4.47	4.14	3.76	3.35	2.92	2.48	2.04
80	4.37	3.98	3.56	3.13	2.70	2.29	1.89	1.51
90	3.95	3.48	3.02	2.57	2.15	1.77	1.42	1.11
100	3.52	3.01	2.54	2.10	1.71	1.36	1.06	0.80
110	3.09	2.58	2.12	1.70	1.34	1.04	0.78	0.57
120	2.69	2.19	1.75	1.37	1.05	0.79	0.57	0.40
130	2.32	1.85	1.45	1.10	0.82	0.59	0.42	0.28
140	1.99	1.56	1.19	0.88	0.64	0.45	0.30	0.20
150	1.70	1.31	0.98	0.71	0.50	0.33	0.22	0.14

1. Pine

1.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	1.45	1.09	0.80	0.57	0.39	0.25	0.15	0.09
170	1.23	0.91	0.65	0.45	0.30	0.19	0.11	0.06
180	1.03	0.75	0.53	0.36	0.23	0.14	0.08	0.04
				II Site Index				
5	0.46	1.15	1.71	2.10	2.29	2.28	2.10	1.77
10	1.10	2.05	2.80	3.31	3.56	3.57	3.34	2.89
15	1.73	2.75	3.53	4.05	4.31	4.30	4.03	3.53
20	2.29	3.28	4.02	4.49	4.70	4.65	4.36	3.82
25	2.76	3.66	4.31	4.70	4.85	4.76	4.43	3.88
30	3.15	3.93	4.46	4.76	4.83	4.69	4.34	3.78
35	3.44	4.09	4.50	4.70	4.70	4.51	4.14	3.59
40	3.66	4.17	4.46	4.57	4.50	4.26	3.88	3.34
45	3.81	4.18	4.37	4.38	4.25	3.98	3.58	3.06
50	3.90	4.14	4.22	4.16	3.97	3.67	3.27	2.77
60	3.92	3.95	3.85	3.66	3.39	3.06	2.66	2.21
70	3.79	3.65	3.44	3.16	2.84	2.49	2.12	1.72
80	3.56	3.31	3.01	2.68	2.34	2.00	1.65	1.31
90	3.28	2.95	2.60	2.25	1.91	1.59	1.28	0.99
100	2.98	2.60	2.23	1.88	1.55	1.25	0.98	0.74
110	2.67	2.27	1.90	1.56	1.25	0.98	0.74	0.55
120	2.36	1.97	1.61	1.28	1.00	0.76	0.56	0.40
130	2.08	1.69	1.35	1.05	0.80	0.59	0.42	0.29
140	1.82	1.45	1.13	0.86	0.64	0.46	0.32	0.21
150	1.58	1.24	0.95	0.70	0.51	0.35	0.24	0.15
160	1.36	1.05	0.79	0.57	0.40	0.27	0.17	0.11
170	1.18	0.89	0.66	0.47	0.32	0.21	0.13	0.08
180	1.01	0.75	0.54	0.38	0.25	0.16	0.10	0.05
				III Site Index				
5	0.22	0.72	1.14	1.44	1.60	1.61	1.48	1.23
10	0.67	1.39	1.97	2.36	2.57	2.58	2.40	2.04
15	1.15	1.94	2.56	2.97	3.17	3.16	2.94	2.52
20	1.59	2.38	2.97	3.35	3.52	3.48	3.22	2.76
25	1.98	2.71	3.24	3.57	3.69	3.60	3.32	2.84
30	2.31	2.96	3.41	3.66	3.72	3.60	3.29	2.80
35	2.57	3.12	3.48	3.66	3.67	3.50	3.18	2.69
40	2.77	3.22	3.49	3.60	3.55	3.35	3.01	2.53
45	2.91	3.26	3.45	3.48	3.38	3.16	2.81	2.34
50	3.01	3.26	3.36	3.34	3.20	2.94	2.59	2.14
60	3.07	3.15	3.12	2.99	2.78	2.50	2.16	1.75
70	3.02	2.96	2.82	2.62	2.37	2.08	1.75	1.39
80	2.87	2.72	2.51	2.26	1.99	1.70	1.40	1.09
90	2.68	2.45	2.20	1.93	1.65	1.37	1.10	0.84
100	2.46	2.19	1.91	1.63	1.36	1.10	0.86	0.64
110	2.22	1.93	1.64	1.36	1.11	0.88	0.67	0.48
120	1.99	1.69	1.40	1.14	0.90	0.69	0.51	0.36

1. Pine

1.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	1.77	1.47	1.19	0.95	0.73	0.55	0.39	0.27
140	1.56	1.27	1.01	0.78	0.59	0.43	0.30	0.20
150	1.36	1.09	0.85	0.65	0.48	0.34	0.23	0.15
160	1.19	0.94	0.72	0.53	0.38	0.26	0.17	0.11
170	1.03	0.80	0.60	0.44	0.31	0.21	0.13	0.08
180	0.90	0.68	0.51	0.36	0.25	0.16	0.10	0.05
				IV Site Index				
5		0.33	0.61	0.82	0.94	0.96	0.88	0.71
10	0.30	0.80	1.21	1.50	1.65	1.67	1.54	1.27
15	0.67	1.25	1.70	2.01	2.16	2.14	1.97	1.63
20	1.03	1.62	2.07	2.36	2.48	2.44	2.23	1.84
25	1.37	1.93	2.34	2.59	2.67	2.59	2.35	1.94
30	1.65	2.16	2.52	2.72	2.76	2.64	2.37	1.94
35	1.89	2.33	2.62	2.77	2.77	2.62	2.33	1.89
40	2.07	2.44	2.67	2.76	2.71	2.54	2.23	1.80
45	2.21	2.51	2.67	2.71	2.62	2.42	2.11	1.69
50	2.31	2.53	2.63	2.62	2.50	2.29	1.97	1.56
60	2.39	2.49	2.48	2.39	2.22	1.98	1.67	1.30
70	2.37	2.36	2.27	2.12	1.92	1.67	1.38	1.05
80	2.27	2.18	2.03	1.85	1.63	1.38	1.11	0.83
90	2.12	1.97	1.79	1.58	1.36	1.13	0.89	0.64
100	1.95	1.76	1.56	1.35	1.13	0.91	0.70	0.49
110	1.77	1.56	1.35	1.13	0.93	0.73	0.55	0.38
120	1.58	1.37	1.15	0.95	0.76	0.58	0.42	0.28
130	1.41	1.19	0.98	0.79	0.62	0.46	0.33	0.21
140	1.24	1.03	0.83	0.66	0.50	0.37	0.25	0.16
150	1.09	0.89	0.70	0.54	0.41	0.29	0.19	0.11
160	0.95	0.76	0.59	0.45	0.33	0.23	0.15	0.08
170	0.82	0.65	0.50	0.37	0.26	0.18	0.11	0.06
180	0.71	0.56	0.42	0.30	0.21	0.14	0.08	0.04
				V Site Index				
5			0.24	0.37	0.44	0.46	0.42	0.32
10		0.37	0.63	0.82	0.92	0.93	0.84	0.65
15	0.32	0.70	1.01	1.21	1.31	1.29	1.16	0.90
20	0.61	1.01	1.32	1.52	1.60	1.55	1.37	1.06
25	0.88	1.28	1.57	1.74	1.79	1.71	1.50	1.15
30	1.13	1.49	1.75	1.89	1.91	1.79	1.55	1.18
35	1.33	1.66	1.87	1.97	1.95	1.82	1.56	1.17
40	1.49	1.77	1.94	2.00	1.95	1.79	1.52	1.13
45	1.62	1.85	1.97	1.99	1.91	1.73	1.45	1.07
50	1.70	1.88	1.97	1.95	1.85	1.65	1.37	1.00
60	1.79	1.87	1.88	1.81	1.66	1.45	1.18	0.83
70	1.77	1.78	1.73	1.62	1.45	1.24	0.98	0.67
80	1.70	1.65	1.55	1.41	1.24	1.03	0.79	0.53
90	1.58	1.49	1.37	1.21	1.04	0.84	0.63	0.41

1. Pine

1.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	1.44	1.32	1.18	1.03	0.86	0.68	0.50	0.31
110	1.29	1.16	1.02	0.86	0.70	0.54	0.39	0.23
120	1.15	1.01	0.87	0.72	0.57	0.43	0.30	0.17
130	1.01	0.87	0.73	0.59	0.46	0.34	0.23	0.12
140	0.88	0.75	0.62	0.49	0.37	0.27	0.17	0.09
150	0.77	0.64	0.52	0.40	0.30	0.21	0.13	0.06
160	0.66	0.54	0.43	0.33	0.24	0.16	0.10	0.04
170	0.57	0.46	0.36	0.27	0.19	0.12	0.07	0.03
180	0.49	0.39	0.30	0.22	0.15	0.10	0.05	0.02
				Va Site Index				
5				0.11	0.14	0.15	0.13	0.08
10		0.11	0.25	0.35	0.41	0.40	0.34	0.21
15	0.10	0.32	0.49	0.61	0.66	0.63	0.52	0.33
20	0.29	0.54	0.72	0.84	0.87	0.82	0.67	0.42
25	0.49	0.74	0.92	1.02	1.03	0.95	0.77	0.48
30	0.66	0.90	1.07	1.15	1.14	1.03	0.82	0.50
35	0.82	1.04	1.18	1.24	1.20	1.07	0.84	0.51
40	0.94	1.14	1.25	1.28	1.22	1.07	0.83	0.49
45	1.04	1.20	1.29	1.29	1.22	1.05	0.80	0.46
50	1.10	1.24	1.30	1.28	1.19	1.01	0.76	0.43
60	1.16	1.24	1.25	1.20	1.08	0.90	0.65	0.35
70	1.15	1.18	1.15	1.08	0.94	0.76	0.54	0.27
80	1.09	1.08	1.03	0.93	0.80	0.63	0.43	0.20
90	1.00	0.97	0.90	0.80	0.67	0.51	0.33	0.14
100	0.90	0.85	0.77	0.67	0.54	0.41	0.25	0.09
110	0.79	0.73	0.65	0.55	0.44	0.32	0.19	0.05
120	0.69	0.62	0.54	0.45	0.35	0.24	0.14	0.03
130	0.59	0.52	0.45	0.36	0.28	0.19	0.10	
140	0.50	0.44	0.37	0.29	0.22	0.14	0.07	
150	0.43	0.37	0.30	0.24	0.17	0.11	0.05	
160	0.36	0.31	0.25	0.19	0.13	0.08	0.03	
170	0.30	0.25	0.20	0.15	0.10	0.06	0.02	
180	0.25	0.21	0.16	0.12	0.08	0.04		

1.Pine

1.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	37.096	37.169	37.247	37.328	37.413	37.502	37.596	37.693
10	17.376	17.404	17.433	17.464	17.497	17.532	17.568	17.605
15	10.838	10.851	10.865	10.880	10.895	10.912	10.930	10.948
20	7.595	7.601	7.607	7.614	7.622	7.630	7.639	7.648
25	5.669	5.671	5.674	5.677	5.680	5.683	5.687	5.691
30	4.403	4.402	4.402	4.402	4.403	4.403	4.404	4.405
35	3.512	3.510	3.509	3.507	3.506	3.504	3.503	3.502
40	2.856	2.854	2.851	2.848	2.846	2.843	2.840	2.838
45	2.357	2.354	2.350	2.347	2.343	2.340	2.337	2.333
50	1.967	1.963	1.959	1.955	1.951	1.947	1.944	1.940
60	1.404	1.399	1.395	1.391	1.387	1.382	1.378	1.374
70	1.025	1.021	1.017	1.013	1.009	1.004	1.000	0.995
80	0.761	0.757	0.753	0.749	0.745	0.741	0.737	0.733
90	0.572	0.568	0.564	0.561	0.557	0.553	0.549	0.545
100	0.433	0.430	0.426	0.423	0.420	0.416	0.413	0.409
110	0.330	0.327	0.324	0.321	0.318	0.315	0.312	0.309
120	0.252	0.250	0.247	0.245	0.242	0.239	0.237	0.234
130	0.194	0.191	0.189	0.187	0.185	0.183	0.180	0.178
140	0.149	0.147	0.145	0.143	0.142	0.140	0.138	0.136
150	0.115	0.113	0.112	0.110	0.109	0.107	0.105	0.104
160	0.089	0.087	0.086	0.085	0.083	0.082	0.081	0.079
170	0.069	0.068	0.066	0.065	0.064	0.063	0.062	0.061
180	0.053	0.052	0.051	0.050	0.049	0.048	0.047	0.046
				I Site Index				
5	36.820	36.880	36.944	37.013	37.085	37.161	37.242	37.326
10	17.331	17.353	17.378	17.404	17.432	17.461	17.492	17.525
15	10.864	10.874	10.886	10.898	10.912	10.926	10.942	10.958
20	7.653	7.657	7.663	7.669	7.675	7.682	7.690	7.698
25	5.743	5.745	5.747	5.749	5.752	5.755	5.758	5.762
30	4.485	4.485	4.484	4.485	4.485	4.485	4.486	4.487
35	3.599	3.597	3.595	3.594	3.592	3.591	3.590	3.589
40	2.944	2.942	2.939	2.937	2.934	2.932	2.930	2.928
45	2.444	2.441	2.438	2.435	2.432	2.429	2.426	2.423
50	2.052	2.049	2.045	2.042	2.038	2.035	2.031	2.028
60	1.484	1.480	1.476	1.472	1.469	1.465	1.461	1.457
70	1.099	1.095	1.091	1.087	1.084	1.079	1.075	1.071
80	0.827	0.824	0.820	0.816	0.813	0.809	0.805	0.801
90	0.630	0.627	0.624	0.620	0.617	0.613	0.609	0.606
100	0.485	0.482	0.478	0.475	0.472	0.469	0.465	0.462
110	0.375	0.372	0.369	0.367	0.364	0.361	0.358	0.355
120	0.291	0.289	0.287	0.284	0.281	0.279	0.276	0.273
130	0.227	0.225	0.223	0.221	0.219	0.216	0.214	0.212
140	0.178	0.176	0.174	0.172	0.170	0.168	0.166	0.164
150	0.140	0.138	0.136	0.135	0.133	0.131	0.129	0.128

1.Pine

1.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.110	0.108	0.107	0.105	0.104	0.102	0.101	0.099
170	0.086	0.085	0.084	0.083	0.081	0.080	0.079	0.078
180	0.068	0.067	0.066	0.065	0.064	0.063	0.062	0.061
				II Site Index				
5	37.014	37.061	37.112	37.167	37.226	37.289	37.356	37.428
10	17.492	17.509	17.528	17.549	17.572	17.596	17.622	17.650
15	11.010	11.018	11.027	11.037	11.048	11.060	11.072	11.086
20	7.789	7.793	7.797	7.801	7.806	7.812	7.818	7.825
25	5.872	5.873	5.874	5.875	5.877	5.880	5.882	5.885
30	4.606	4.606	4.605	4.605	4.605	4.605	4.605	4.606
35	3.713	3.711	3.710	3.708	3.707	3.706	3.705	3.704
40	3.053	3.050	3.048	3.046	3.043	3.041	3.039	3.037
45	2.547	2.544	2.541	2.538	2.536	2.533	2.530	2.527
50	2.150	2.146	2.143	2.140	2.137	2.134	2.130	2.127
60	1.571	1.567	1.564	1.560	1.557	1.553	1.550	1.546
70	1.176	1.173	1.169	1.166	1.162	1.158	1.155	1.151
80	0.896	0.893	0.889	0.886	0.882	0.879	0.875	0.871
90	0.691	0.688	0.685	0.681	0.678	0.675	0.671	0.668
100	0.538	0.535	0.532	0.529	0.526	0.523	0.519	0.516
110	0.421	0.419	0.416	0.413	0.410	0.408	0.405	0.402
120	0.332	0.329	0.327	0.325	0.322	0.320	0.317	0.314
130	0.262	0.260	0.258	0.256	0.254	0.251	0.249	0.247
140	0.208	0.206	0.204	0.202	0.201	0.199	0.196	0.194
150	0.165	0.164	0.162	0.161	0.159	0.157	0.155	0.153
160	0.132	0.130	0.129	0.128	0.126	0.125	0.123	0.121
170	0.105	0.104	0.103	0.101	0.100	0.099	0.098	0.096
180	0.084	0.083	0.082	0.081	0.080	0.079	0.077	0.076
				III Site Index				
5	37.685	37.718	37.755	37.797	37.842	37.892	37.945	38.003
10	17.865	17.877	17.891	17.906	17.923	17.942	17.963	17.985
15	11.282	11.287	11.293	11.300	11.308	11.317	11.327	11.338
20	8.009	8.010	8.013	8.016	8.019	8.023	8.028	8.033
25	6.058	6.058	6.059	6.059	6.060	6.062	6.063	6.066
30	4.770	4.769	4.768	4.767	4.766	4.766	4.766	4.766
35	3.859	3.857	3.855	3.854	3.852	3.851	3.850	3.848
40	3.185	3.182	3.180	3.178	3.175	3.173	3.171	3.169
45	2.667	2.665	2.662	2.659	2.657	2.654	2.652	2.649
50	2.260	2.257	2.254	2.251	2.249	2.246	2.243	2.240
60	1.665	1.662	1.659	1.656	1.653	1.649	1.646	1.643
70	1.258	1.255	1.252	1.248	1.245	1.242	1.238	1.235
80	0.967	0.964	0.961	0.958	0.954	0.951	0.948	0.945
90	0.752	0.750	0.747	0.744	0.741	0.738	0.735	0.731
100	0.591	0.589	0.586	0.583	0.580	0.578	0.575	0.572
110	0.468	0.465	0.463	0.461	0.458	0.455	0.453	0.450
120	0.372	0.370	0.368	0.366	0.363	0.361	0.358	0.356

1.Pine

1.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	0.297	0.295	0.293	0.291	0.289	0.287	0.285	0.283
140	0.238	0.237	0.235	0.233	0.231	0.229	0.227	0.225
150	0.192	0.190	0.189	0.187	0.185	0.184	0.182	0.180
160	0.154	0.153	0.152	0.150	0.149	0.147	0.146	0.144
170	0.125	0.123	0.122	0.121	0.120	0.118	0.117	0.116
180	0.101	0.100	0.099	0.097	0.096	0.095	0.094	0.093
				IV Site Index				
5		38.854	38.878	38.905	38.937	38.973	39.013	39.057
10	18.454	18.460	18.468	18.478	18.489	18.502	18.517	18.534
15	11.682	11.684	11.687	11.691	11.696	11.702	11.709	11.717
20	8.313	8.313	8.314	8.315	8.317	8.319	8.322	8.326
25	6.305	6.304	6.303	6.303	6.303	6.303	6.304	6.305
30	4.977	4.975	4.974	4.972	4.971	4.970	4.970	4.970
35	4.038	4.036	4.033	4.032	4.030	4.028	4.027	4.025
40	3.341	3.339	3.336	3.334	3.332	3.330	3.328	3.326
45	2.807	2.804	2.801	2.799	2.796	2.794	2.791	2.789
50	2.385	2.382	2.380	2.377	2.374	2.372	2.369	2.366
60	1.768	1.765	1.762	1.760	1.757	1.754	1.751	1.748
70	1.344	1.341	1.338	1.336	1.333	1.330	1.327	1.324
80	1.040	1.037	1.034	1.032	1.029	1.026	1.023	1.020
90	0.815	0.812	0.810	0.807	0.805	0.802	0.799	0.796
100	0.644	0.642	0.640	0.638	0.635	0.633	0.630	0.627
110	0.514	0.512	0.510	0.507	0.505	0.503	0.500	0.498
120	0.412	0.410	0.408	0.406	0.404	0.402	0.400	0.397
130	0.331	0.330	0.328	0.326	0.325	0.323	0.321	0.319
140	0.268	0.266	0.265	0.263	0.262	0.260	0.258	0.256
150	0.217	0.216	0.214	0.213	0.211	0.210	0.208	0.207
160	0.176	0.175	0.174	0.173	0.171	0.170	0.168	0.167
170	0.143	0.142	0.141	0.140	0.139	0.138	0.136	0.135
180	0.117	0.116	0.115	0.114	0.113	0.112	0.111	0.110
				V Site Index				
5			40.480	40.494	40.512	40.534	40.561	40.591
10		19.258	19.260	19.264	19.270	19.278	19.287	19.298
15	12.210	12.209	12.209	12.210	12.212	12.215	12.219	12.224
20	8.703	8.701	8.700	8.699	8.700	8.700	8.701	8.703
25	6.611	6.609	6.608	6.606	6.605	6.605	6.605	6.605
30	5.228	5.226	5.223	5.222	5.220	5.219	5.218	5.217
35	4.249	4.246	4.244	4.242	4.240	4.238	4.236	4.235
40	3.522	3.520	3.517	3.515	3.513	3.511	3.509	3.507
45	2.964	2.962	2.959	2.957	2.954	2.952	2.950	2.947
50	2.524	2.521	2.519	2.516	2.514	2.511	2.509	2.506
60	1.878	1.876	1.873	1.871	1.868	1.866	1.863	1.860
70	1.433	1.431	1.429	1.426	1.424	1.421	1.419	1.416
80	1.113	1.111	1.109	1.107	1.105	1.102	1.100	1.097
90	0.876	0.874	0.872	0.870	0.868	0.866	0.864	0.861

1.Pine

1.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	0.696	0.695	0.693	0.691	0.689	0.687	0.685	0.682
110	0.558	0.556	0.554	0.553	0.551	0.549	0.547	0.545
120	0.449	0.448	0.446	0.445	0.443	0.441	0.439	0.437
130	0.363	0.362	0.361	0.359	0.358	0.356	0.354	0.353
140	0.295	0.294	0.293	0.291	0.290	0.289	0.287	0.285
150	0.240	0.239	0.238	0.237	0.236	0.234	0.233	0.232
160	0.196	0.195	0.194	0.193	0.192	0.191	0.190	0.188
170	0.160	0.159	0.159	0.158	0.157	0.156	0.155	0.154
180	0.131	0.131	0.130	0.129	0.128	0.127	0.126	0.125

Va Site Index

5				42.562	42.566	42.575	42.587	42.604
10		20.270	20.267	20.265	20.266	20.268	20.271	20.277
15	12.865	12.861	12.858	12.856	12.855	12.855	12.856	12.858
20	9.176	9.173	9.170	9.168	9.166	9.165	9.165	9.165
25	6.976	6.973	6.971	6.968	6.967	6.965	6.964	6.963
30	5.521	5.518	5.516	5.513	5.511	5.509	5.508	5.507
35	4.490	4.488	4.485	4.483	4.481	4.479	4.477	4.476
40	3.726	3.723	3.721	3.719	3.717	3.715	3.713	3.711
45	3.138	3.136	3.134	3.131	3.129	3.127	3.125	3.123
50	2.674	2.672	2.670	2.668	2.666	2.664	2.661	2.659
60	1.993	1.992	1.990	1.988	1.986	1.984	1.981	1.979
70	1.524	1.522	1.521	1.519	1.517	1.515	1.513	1.511
80	1.186	1.185	1.183	1.182	1.180	1.178	1.176	1.174
90	0.936	0.934	0.933	0.931	0.930	0.928	0.926	0.924
100	0.745	0.744	0.743	0.741	0.740	0.738	0.736	0.735
110	0.598	0.597	0.596	0.594	0.593	0.592	0.590	0.588
120	0.482	0.482	0.481	0.479	0.478	0.477	0.475	0.474
130	0.391	0.390	0.389	0.388	0.387	0.386	0.385	
140	0.318	0.318	0.317	0.316	0.315	0.314	0.313	
150	0.260	0.259	0.258	0.258	0.257	0.256	0.255	
160	0.213	0.212	0.211	0.211	0.210	0.209	0.208	
170	0.174	0.174	0.173	0.173	0.172	0.171	0.170	
180	0.143	0.143	0.142	0.142	0.141	0.140		

1. Pine

1.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	40.223	39.436	38.956	38.779	38.903	39.324	40.038	41.040
10	19.020	18.583	18.288	18.134	18.117	18.233	18.480	18.852
15	11.981	11.662	11.433	11.290	11.231	11.252	11.350	11.521
20	8.481	8.225	8.031	7.897	7.821	7.799	7.827	7.904
25	6.398	6.181	6.010	5.884	5.800	5.755	5.747	5.771
30	5.023	4.833	4.679	4.560	4.474	4.417	4.386	4.380
35	4.052	3.882	3.743	3.631	3.544	3.480	3.437	3.412
40	3.334	3.181	3.052	2.947	2.862	2.795	2.744	2.708
45	2.784	2.644	2.526	2.426	2.344	2.276	2.222	2.179
50	2.351	2.223	2.114	2.020	1.941	1.874	1.818	1.771
60	1.721	1.612	1.518	1.435	1.363	1.301	1.246	1.197
70	1.291	1.198	1.116	1.043	0.980	0.923	0.872	0.827
80	0.985	0.905	0.834	0.771	0.715	0.665	0.619	0.578
90	0.761	0.692	0.630	0.576	0.527	0.484	0.444	0.408
100	0.593	0.534	0.481	0.434	0.392	0.354	0.321	0.290
110	0.466	0.414	0.369	0.328	0.293	0.261	0.233	0.207
120	0.368	0.323	0.284	0.250	0.220	0.193	0.169	0.148
130	0.291	0.253	0.220	0.191	0.165	0.143	0.124	0.107
140	0.232	0.199	0.171	0.146	0.125	0.106	0.090	0.077
150	0.185	0.157	0.133	0.112	0.094	0.079	0.066	0.055
160	0.147	0.124	0.103	0.086	0.071	0.059	0.049	0.040
170	0.118	0.098	0.080	0.066	0.054	0.044	0.036	0.029
180	0.094	0.077	0.063	0.051	0.041	0.033	0.026	0.021
				I Site Index				
5	38.675	37.753	37.141	36.836	36.835	37.134	37.730	38.618
10	18.392	17.896	17.546	17.339	17.272	17.343	17.547	17.880
15	11.652	11.301	11.041	10.870	10.785	10.784	10.863	11.018
20	8.299	8.021	7.808	7.657	7.567	7.533	7.553	7.624
25	6.299	6.067	5.884	5.747	5.655	5.605	5.593	5.618
30	4.977	4.776	4.614	4.488	4.397	4.338	4.308	4.304
35	4.041	3.864	3.718	3.601	3.512	3.448	3.407	3.386
40	3.347	3.188	3.055	2.947	2.860	2.794	2.746	2.714
45	2.814	2.670	2.548	2.446	2.363	2.297	2.245	2.206
50	2.394	2.262	2.149	2.054	1.975	1.909	1.856	1.813
60	1.778	1.666	1.569	1.485	1.414	1.352	1.299	1.253
70	1.354	1.258	1.174	1.100	1.036	0.980	0.930	0.886
80	1.050	0.967	0.893	0.829	0.772	0.721	0.676	0.635
90	0.824	0.752	0.688	0.631	0.581	0.536	0.496	0.460
100	0.654	0.591	0.535	0.485	0.442	0.402	0.367	0.336
110	0.522	0.467	0.419	0.376	0.337	0.304	0.273	0.246
120	0.420	0.372	0.329	0.292	0.259	0.230	0.204	0.181
130	0.339	0.297	0.260	0.228	0.200	0.175	0.153	0.134
140	0.274	0.238	0.206	0.178	0.154	0.133	0.115	0.099
150	0.223	0.191	0.164	0.140	0.119	0.102	0.086	0.073

1. Pine

1.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.181	0.154	0.130	0.110	0.093	0.078	0.065	0.054
170	0.148	0.124	0.104	0.087	0.072	0.060	0.049	0.040
180	0.121	0.100	0.083	0.068	0.056	0.046	0.037	0.030
				II Site Index				
5	38.531	38.849	39.163	39.475	39.784	40.089	40.392	40.692
10	18.393	18.476	18.555	18.632	18.707	18.779	18.849	18.916
15	11.699	11.706	11.711	11.714	11.714	11.713	11.710	11.705
20	8.366	8.337	8.308	8.276	8.243	8.208	8.172	8.135
25	6.377	6.329	6.280	6.231	6.180	6.128	6.075	6.021
30	5.060	5.001	4.941	4.881	4.820	4.759	4.697	4.635
35	4.126	4.061	3.995	3.929	3.863	3.796	3.730	3.663
40	3.433	3.364	3.295	3.225	3.156	3.088	3.019	2.951
45	2.900	2.828	2.758	2.687	2.617	2.548	2.480	2.412
50	2.478	2.406	2.335	2.264	2.195	2.126	2.059	1.993
60	1.859	1.787	1.718	1.649	1.583	1.518	1.454	1.393
70	1.430	1.362	1.295	1.231	1.169	1.109	1.051	0.996
80	1.120	1.056	0.994	0.934	0.878	0.823	0.772	0.723
90	0.890	0.829	0.772	0.718	0.667	0.618	0.573	0.530
100	0.713	0.658	0.606	0.557	0.511	0.468	0.428	0.392
110	0.576	0.526	0.478	0.434	0.394	0.357	0.322	0.291
120	0.469	0.422	0.380	0.341	0.305	0.273	0.244	0.217
130	0.383	0.341	0.303	0.268	0.237	0.210	0.185	0.162
140	0.314	0.276	0.242	0.212	0.185	0.161	0.140	0.122
150	0.258	0.224	0.194	0.168	0.145	0.124	0.107	0.091
160	0.213	0.183	0.156	0.133	0.113	0.096	0.081	0.069
170	0.176	0.149	0.126	0.106	0.089	0.074	0.062	0.052
180	0.146	0.122	0.101	0.084	0.070	0.058	0.047	0.039
				III Site Index				
5	39.808	38.604	37.712	37.131	36.857	36.888	37.222	37.854
10	19.042	18.418	17.942	17.613	17.427	17.383	17.477	17.706
15	12.137	11.708	11.373	11.129	10.976	10.910	10.928	11.028
20	8.697	8.367	8.103	7.905	7.769	7.694	7.678	7.716
25	6.644	6.373	6.154	5.984	5.860	5.782	5.747	5.751
30	5.283	5.054	4.864	4.714	4.600	4.521	4.475	4.459
35	4.319	4.119	3.952	3.816	3.711	3.633	3.580	3.551
40	3.602	3.425	3.275	3.152	3.052	2.976	2.920	2.883
45	3.050	2.891	2.755	2.642	2.549	2.474	2.417	2.375
50	2.613	2.469	2.345	2.240	2.152	2.081	2.023	1.978
60	1.970	1.849	1.744	1.653	1.575	1.509	1.453	1.406
70	1.524	1.420	1.330	1.250	1.181	1.121	1.069	1.023
80	1.200	1.111	1.032	0.962	0.901	0.847	0.799	0.757
90	0.958	0.881	0.812	0.750	0.696	0.648	0.604	0.566
100	0.773	0.705	0.644	0.590	0.542	0.500	0.461	0.426
110	0.628	0.569	0.516	0.468	0.426	0.388	0.354	0.323
120	0.514	0.462	0.415	0.373	0.336	0.303	0.273	0.246

1. Pine

1.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	0.423	0.376	0.335	0.299	0.266	0.237	0.211	0.188
140	0.349	0.308	0.272	0.240	0.211	0.186	0.164	0.144
150	0.289	0.253	0.221	0.193	0.168	0.147	0.128	0.111
160	0.240	0.208	0.180	0.156	0.134	0.116	0.099	0.085
170	0.200	0.172	0.147	0.126	0.107	0.091	0.077	0.065
180	0.166	0.142	0.121	0.102	0.086	0.072	0.061	0.050
				IV Site Index				
5		41.161	40.125	39.400	38.983	38.873	39.065	39.558
10	20.338	19.648	19.106	18.710	18.459	18.350	18.380	18.547
15	12.966	12.497	12.121	11.837	11.643	11.537	11.517	11.579
20	9.294	8.936	8.644	8.417	8.254	8.152	8.109	8.122
25	7.102	6.811	6.571	6.380	6.236	6.138	6.083	6.070
30	5.649	5.404	5.199	5.032	4.903	4.809	4.748	4.719
35	4.619	4.407	4.228	4.080	3.961	3.872	3.808	3.769
40	3.853	3.667	3.507	3.373	3.264	3.178	3.114	3.069
45	3.263	3.097	2.953	2.831	2.730	2.648	2.584	2.535
50	2.797	2.647	2.516	2.404	2.310	2.232	2.168	2.118
60	2.110	1.985	1.875	1.779	1.697	1.626	1.566	1.515
70	1.633	1.527	1.433	1.350	1.277	1.214	1.159	1.110
80	1.287	1.196	1.115	1.043	0.978	0.922	0.871	0.826
90	1.028	0.950	0.879	0.815	0.759	0.708	0.663	0.622
100	0.830	0.761	0.699	0.644	0.594	0.549	0.509	0.473
110	0.675	0.615	0.561	0.512	0.468	0.429	0.393	0.361
120	0.553	0.500	0.452	0.410	0.371	0.337	0.305	0.277
130	0.455	0.409	0.367	0.329	0.295	0.265	0.238	0.213
140	0.376	0.335	0.298	0.265	0.236	0.210	0.186	0.165
150	0.311	0.275	0.243	0.215	0.189	0.166	0.146	0.128
160	0.259	0.227	0.199	0.174	0.151	0.132	0.114	0.099
170	0.215	0.188	0.163	0.141	0.122	0.105	0.090	0.077
180	0.180	0.155	0.134	0.115	0.098	0.083	0.071	0.060
				V Site Index				
5			34.794	35.184	35.572	35.956	36.335	36.709
10		16.560	16.727	16.882	17.026	17.158	17.276	17.381
15	10.520	10.624	10.716	10.795	10.859	10.909	10.944	10.963
20	7.596	7.665	7.720	7.761	7.787	7.798	7.793	7.772
25	5.847	5.895	5.929	5.948	5.952	5.941	5.914	5.871
30	4.687	4.721	4.741	4.747	4.737	4.712	4.672	4.616
35	3.862	3.887	3.898	3.894	3.875	3.841	3.793	3.730
40	3.248	3.266	3.269	3.259	3.234	3.194	3.141	3.073
45	2.773	2.786	2.785	2.769	2.740	2.697	2.640	2.570
50	2.397	2.405	2.400	2.382	2.349	2.304	2.245	2.175
60	1.839	1.842	1.832	1.809	1.774	1.726	1.667	1.597
70	1.449	1.448	1.435	1.411	1.374	1.327	1.269	1.202
80	1.163	1.160	1.146	1.121	1.084	1.038	0.984	0.921
90	0.947	0.943	0.928	0.902	0.867	0.824	0.772	0.714

1. Pine

1.7 Percent of gross increment

	STOCKING							
AGE	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	0.780	0.774	0.759	0.734	0.701	0.660	0.612	0.559
110	0.647	0.641	0.626	0.603	0.571	0.533	0.489	0.441
120	0.541	0.535	0.520	0.498	0.468	0.432	0.392	0.349
130	0.455	0.448	0.434	0.413	0.385	0.353	0.316	0.278
140	0.384	0.377	0.364	0.344	0.319	0.289	0.256	0.222
150	0.325	0.319	0.306	0.288	0.265	0.237	0.208	0.178
160	0.276	0.270	0.259	0.241	0.220	0.196	0.169	0.143
170	0.235	0.230	0.219	0.203	0.183	0.161	0.138	0.114
180	0.201	0.196	0.185	0.171	0.153	0.133	0.113	0.092
				Va Site Index				
5				48.149	47.442	47.041	46.942	47.143
10		23.995	23.322	22.793	22.407	22.162	22.056	22.086
15	15.739	15.194	14.739	14.373	14.096	13.906	13.801	13.778
20	11.224	10.815	10.470	10.187	9.966	9.805	9.703	9.657
25	8.531	8.205	7.926	7.694	7.508	7.367	7.268	7.210
30	6.749	6.478	6.245	6.048	5.886	5.759	5.664	5.601
35	5.488	5.257	5.057	4.885	4.742	4.626	4.535	4.469
40	4.552	4.352	4.176	4.025	3.896	3.789	3.702	3.635
45	3.833	3.657	3.501	3.365	3.248	3.149	3.067	3.000
50	3.265	3.108	2.969	2.846	2.739	2.647	2.569	2.504
60	2.432	2.306	2.191	2.089	1.999	1.919	1.849	1.788
70	1.859	1.754	1.658	1.572	1.494	1.425	1.363	1.307
80	1.446	1.358	1.277	1.203	1.136	1.076	1.021	0.971
90	1.139	1.065	0.996	0.933	0.875	0.822	0.774	0.729
100	0.907	0.843	0.784	0.729	0.680	0.634	0.591	0.553
110	0.727	0.672	0.622	0.575	0.531	0.492	0.455	0.421
120	0.586	0.539	0.496	0.455	0.418	0.383	0.352	0.322
130	0.475	0.434	0.397	0.362	0.330	0.300	0.273	
140	0.386	0.351	0.319	0.289	0.261	0.236	0.212	
150	0.315	0.285	0.257	0.231	0.207	0.185	0.165	
160	0.257	0.231	0.207	0.185	0.165	0.146	0.129	
170	0.211	0.188	0.168	0.149	0.131	0.115	0.101	
180	0.173	0.154	0.136	0.119	0.105	0.091		

1. Pine

1.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	2.695	11.928	21.509	31.119	40.524	49.674	58.894	69.401
10	3.647	7.658	11.834	16.135	20.571	25.243	30.436	36.908
15	3.336	5.660	8.076	10.593	13.251	16.148	19.500	23.834
20	2.956	4.464	6.027	7.663	9.413	11.355	13.655	16.692
25	2.615	3.653	4.723	5.845	7.053	8.409	10.039	12.224
30	2.323	3.061	3.817	4.609	5.464	6.433	7.610	9.208
35	2.073	2.607	3.150	3.717	4.332	5.032	5.891	7.072
40	1.857	2.246	2.639	3.047	3.491	4.000	4.630	5.506
45	1.668	1.952	2.235	2.529	2.849	3.217	3.679	4.332
50	1.503	1.707	1.910	2.119	2.347	2.612	2.950	3.435
60	1.226	1.326	1.421	1.519	1.627	1.757	1.932	2.198
70	1.005	1.043	1.076	1.111	1.151	1.205	1.287	1.427
80	0.826	0.827	0.825	0.823	0.826	0.837	0.867	0.935
90	0.680	0.660	0.638	0.616	0.598	0.587	0.589	0.616
100	0.561	0.528	0.496	0.464	0.436	0.414	0.401	0.406
110	0.462	0.424	0.387	0.352	0.320	0.293	0.273	0.267
120	0.380	0.341	0.303	0.268	0.236	0.208	0.186	0.174
130	0.313	0.274	0.238	0.204	0.174	0.148	0.127	0.113
140	0.257	0.221	0.187	0.156	0.129	0.105	0.086	0.072
150	0.211	0.178	0.147	0.119	0.095	0.075	0.057	0.045
160	0.173	0.143	0.116	0.092	0.071	0.053	0.038	0.027
170	0.142	0.115	0.091	0.070	0.052	0.037	0.025	0.016
180	0.116	0.093	0.072	0.054	0.039	0.026	0.016	0.009
				I Site Index				
5	5.768	16.558	27.966	39.605	51.172	62.573	74.184	87.561
10	4.357	8.842	13.564	18.467	23.552	28.922	34.901	42.400
15	3.514	6.067	8.741	11.539	14.499	17.725	21.458	26.315
20	2.958	4.605	6.321	8.122	10.048	12.185	14.714	18.075
25	2.555	3.690	4.865	6.099	7.427	8.917	10.706	13.122
30	2.245	3.057	3.893	4.769	5.715	6.785	8.085	9.861
35	1.995	2.590	3.198	3.833	4.521	5.303	6.262	7.588
40	1.788	2.229	2.677	3.143	3.648	4.225	4.939	5.939
45	1.612	1.941	2.272	2.615	2.987	3.415	3.950	4.708
50	1.459	1.705	1.949	2.201	2.475	2.792	3.192	3.769
60	1.208	1.341	1.469	1.600	1.743	1.913	2.134	2.468
70	1.009	1.072	1.131	1.191	1.258	1.341	1.458	1.648
80	0.846	0.867	0.884	0.902	0.924	0.956	1.011	1.115
90	0.711	0.706	0.698	0.691	0.686	0.690	0.708	0.760
100	0.599	0.578	0.555	0.534	0.515	0.501	0.500	0.521
110	0.504	0.474	0.444	0.415	0.388	0.367	0.354	0.358
120	0.425	0.390	0.356	0.324	0.295	0.270	0.251	0.246
130	0.357	0.322	0.287	0.254	0.224	0.199	0.179	0.168
140	0.301	0.265	0.231	0.200	0.171	0.147	0.127	0.115
150	0.253	0.219	0.187	0.157	0.131	0.108	0.090	0.077

1. Pine

1.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.212	0.180	0.151	0.124	0.101	0.080	0.064	0.052
170	0.178	0.149	0.122	0.098	0.077	0.059	0.045	0.034
180	0.149	0.122	0.099	0.078	0.059	0.044	0.031	0.022
				II Site Index				
5	6.463	18.505	31.523	45.068	58.741	72.348	86.184	101.860
10	4.481	9.418	14.692	20.227	25.998	32.083	38.789	47.052
15	3.522	6.322	9.287	12.409	15.714	19.296	23.389	28.622
20	2.934	4.743	6.645	8.648	10.786	13.140	15.887	19.478
25	2.525	3.778	5.085	6.460	7.934	9.573	11.514	14.090
30	2.217	3.121	4.058	5.040	6.096	7.277	8.691	10.590
35	1.973	2.643	3.331	4.050	4.824	5.694	6.744	8.170
40	1.773	2.278	2.791	3.326	3.901	4.550	5.339	6.423
45	1.605	1.988	2.374	2.775	3.205	3.694	4.291	5.122
50	1.459	1.752	2.044	2.344	2.667	3.035	3.489	4.129
60	1.221	1.389	1.553	1.720	1.899	2.106	2.368	2.749
70	1.030	1.122	1.209	1.296	1.389	1.500	1.647	1.872
80	0.875	0.918	0.956	0.994	1.036	1.088	1.165	1.294
90	0.745	0.757	0.765	0.773	0.782	0.800	0.834	0.904
100	0.636	0.628	0.617	0.606	0.597	0.593	0.602	0.636
110	0.543	0.523	0.501	0.479	0.459	0.444	0.437	0.449
120	0.463	0.436	0.408	0.381	0.355	0.333	0.319	0.318
130	0.396	0.365	0.334	0.304	0.276	0.251	0.233	0.225
140	0.338	0.305	0.273	0.243	0.215	0.190	0.170	0.159
150	0.288	0.256	0.224	0.195	0.168	0.144	0.125	0.112
160	0.245	0.214	0.184	0.157	0.132	0.110	0.091	0.079
170	0.209	0.179	0.151	0.126	0.103	0.083	0.067	0.055
180	0.178	0.150	0.125	0.102	0.081	0.063	0.049	0.038
				III Site Index				
5	4.530	17.262	31.356	46.312	61.599	76.792	91.803	107.491
10	3.947	9.253	15.015	21.127	27.511	34.159	41.220	49.289
15	3.329	6.372	9.634	13.090	16.736	20.617	24.878	29.942
20	2.870	4.855	6.963	9.189	11.549	14.092	16.939	20.399
25	2.519	3.907	5.368	6.904	8.536	10.308	12.315	14.793
30	2.241	3.253	4.308	5.414	6.588	7.868	9.331	11.156
35	2.012	2.770	3.554	4.370	5.236	6.183	7.271	8.641
40	1.820	2.398	2.990	3.603	4.252	4.962	5.783	6.824
45	1.656	2.101	2.553	3.018	3.509	4.047	4.670	5.468
50	1.512	1.858	2.204	2.559	2.932	3.341	3.816	4.431
60	1.273	1.481	1.685	1.891	2.105	2.341	2.618	2.984
70	1.081	1.203	1.320	1.435	1.553	1.684	1.842	2.057
80	0.922	0.989	1.050	1.108	1.168	1.235	1.318	1.441
90	0.789	0.820	0.845	0.868	0.890	0.917	0.956	1.021
100	0.677	0.684	0.686	0.686	0.686	0.689	0.699	0.729
110	0.581	0.572	0.560	0.546	0.532	0.521	0.515	0.523
120	0.499	0.480	0.459	0.437	0.416	0.396	0.381	0.376

1. Pine

1.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	0.428	0.404	0.378	0.352	0.326	0.302	0.283	0.271
140	0.368	0.340	0.312	0.284	0.257	0.232	0.210	0.195
150	0.315	0.287	0.258	0.230	0.203	0.178	0.156	0.140
160	0.270	0.242	0.213	0.186	0.161	0.137	0.116	0.100
170	0.232	0.204	0.177	0.151	0.127	0.106	0.087	0.072
180	0.198	0.172	0.147	0.123	0.101	0.081	0.064	0.051
				IV Site Index				
5		12.835	27.183	42.637	58.453	73.745	87.501	98.461
10	2.764	8.297	14.392	20.897	27.623	34.352	40.811	46.586
15	2.931	6.184	9.711	13.448	17.326	21.265	25.153	28.790
20	2.764	4.925	7.237	9.672	12.198	14.782	17.369	19.842
25	2.541	4.073	5.694	7.390	9.146	10.946	12.761	14.512
30	2.321	3.452	4.636	5.865	7.134	8.434	9.747	11.018
35	2.119	2.975	3.863	4.778	5.717	6.678	7.646	8.581
40	1.937	2.597	3.274	3.966	4.673	5.392	6.115	6.808
45	1.773	2.287	2.810	3.339	3.876	4.420	4.962	5.477
50	1.626	2.030	2.435	2.843	3.253	3.664	4.072	4.453
60	1.373	1.624	1.870	2.112	2.351	2.585	2.812	3.016
70	1.165	1.319	1.467	1.607	1.742	1.870	1.990	2.089
80	0.991	1.083	1.167	1.244	1.314	1.377	1.432	1.469
90	0.846	0.896	0.938	0.974	1.004	1.027	1.042	1.044
100	0.723	0.745	0.760	0.770	0.774	0.773	0.765	0.747
110	0.618	0.622	0.620	0.613	0.602	0.586	0.566	0.537
120	0.529	0.521	0.507	0.490	0.470	0.447	0.420	0.387
130	0.453	0.437	0.417	0.394	0.369	0.342	0.312	0.279
140	0.388	0.367	0.343	0.318	0.291	0.263	0.233	0.201
150	0.332	0.308	0.283	0.257	0.230	0.202	0.174	0.144
160	0.284	0.260	0.234	0.208	0.182	0.156	0.129	0.103
170	0.243	0.219	0.194	0.169	0.144	0.120	0.096	0.073
180	0.207	0.184	0.160	0.137	0.115	0.093	0.072	0.051
				V Site Index				
5			19.314	33.992	48.589	61.425	69.995	70.219
10		6.546	12.731	19.263	25.734	31.513	35.564	35.990
15	2.317	5.729	9.431	13.288	17.087	20.484	22.882	23.124
20	2.604	4.927	7.408	9.962	12.457	14.676	16.224	16.308
25	2.580	4.257	6.023	7.821	9.561	11.091	12.132	12.104
30	2.451	3.707	5.011	6.323	7.580	8.669	9.380	9.277
35	2.288	3.249	4.236	5.218	6.145	6.934	7.422	7.269
40	2.117	2.866	3.625	4.370	5.064	5.640	5.971	5.786
45	1.951	2.540	3.130	3.701	4.225	4.646	4.864	4.661
50	1.793	2.261	2.722	3.163	3.559	3.866	4.001	3.789
60	1.512	1.809	2.094	2.357	2.580	2.736	2.767	2.555
70	1.273	1.462	1.637	1.790	1.911	1.979	1.954	1.755
80	1.073	1.191	1.294	1.379	1.436	1.452	1.399	1.220
90	0.905	0.975	1.032	1.073	1.091	1.078	1.012	0.854

1. Pine

1.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	0.764	0.802	0.828	0.841	0.836	0.806	0.737	0.600
110	0.645	0.661	0.668	0.663	0.645	0.606	0.538	0.421
120	0.545	0.547	0.541	0.526	0.499	0.458	0.395	0.295
130	0.460	0.453	0.439	0.418	0.388	0.347	0.289	0.205
140	0.389	0.376	0.358	0.334	0.303	0.263	0.212	0.141
150	0.329	0.312	0.292	0.267	0.236	0.200	0.155	0.096
160	0.278	0.260	0.238	0.214	0.185	0.152	0.113	0.064
170	0.235	0.216	0.195	0.171	0.145	0.116	0.082	0.041
180	0.198	0.180	0.160	0.138	0.114	0.088	0.059	0.025
				Va Site Index				
5				20.441	31.353	38.241	37.626	25.504
10		3.832	9.743	15.635	20.696	23.715	23.025	16.537
15	1.316	4.813	8.513	12.106	15.102	16.766	16.064	11.654
20	2.237	4.699	7.244	9.660	11.612	12.600	11.914	8.613
25	2.507	4.325	6.167	7.877	9.213	9.811	9.154	6.551
30	2.518	3.902	5.278	6.526	7.464	7.817	7.195	5.078
35	2.419	3.492	4.541	5.470	6.137	6.329	5.746	3.986
40	2.271	3.116	3.926	4.626	5.102	5.186	4.643	3.158
45	2.106	2.778	3.410	3.940	4.278	4.288	3.784	2.518
50	1.939	2.477	2.972	3.375	3.611	3.571	3.105	2.016
60	1.623	1.972	2.279	2.509	2.612	2.516	2.121	1.301
70	1.347	1.574	1.764	1.890	1.918	1.800	1.467	0.840
80	1.114	1.261	1.375	1.437	1.424	1.300	1.023	0.537
90	0.920	1.013	1.077	1.100	1.065	0.946	0.715	0.336
100	0.758	0.815	0.848	0.847	0.800	0.691	0.499	0.202
110	0.625	0.658	0.670	0.655	0.604	0.506	0.347	0.113
120	0.515	0.531	0.530	0.508	0.457	0.371	0.240	0.055
130	0.425	0.430	0.421	0.395	0.347	0.272	0.163	
140	0.350	0.348	0.335	0.307	0.263	0.198	0.109	
150	0.289	0.282	0.266	0.239	0.199	0.144	0.071	
160	0.238	0.229	0.212	0.187	0.151	0.104	0.044	
170	0.196	0.186	0.169	0.146	0.115	0.075	0.026	
180	0.162	0.151	0.135	0.114	0.087	0.053		

2. Spruce

2.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	2.4	2.2	1.9	1.7	1.5	1.2	1.0	0.8
10	15	13	12	10	9	8	6	5
15	40	36	32	28	24	21	17	13
20	77	69	62	55	48	40	33	26
25	124	112	100	89	77	65	54	42
30	179	162	145	128	111	95	78	61
35	240	217	194	172	149	127	104	81
40	303	275	246	218	189	161	132	103
45	368	334	299	265	230	195	160	125
50	433	392	352	311	271	230	189	147
60	557	505	453	401	349	296	243	190
70	670	608	545	483	420	356	293	229
80	768	697	626	554	482	409	336	263
90	852	773	694	615	535	455	373	292
100	922	837	752	666	579	492	405	316
110	979	889	799	708	616	524	430	336
120	1026	932	838	742	646	549	451	353
130	1064	967	869	770	670	570	468	366
140	1095	995	894	793	690	587	482	377
150	1120	1018	914	811	706	600	493	386
160	1139	1035	931	825	718	611	502	393
170	1155	1050	943	836	728	619	509	398
180	1167	1061	954	845	736	626	515	403
				I Site Index				
5	1.6	1.4	1.3	1.1	1.0	0.8	0.6	0.5
10	10.1	9.1	8.1	7.1	6.1	5.1	4.1	3.1
15	28	25	22	20	17	14	11	9
20	55	49	44	39	33	28	23	17
25	90	81	72	63	55	46	37	28
30	131	118	106	93	80	67	54	41
35	177	160	143	125	108	91	73	56
40	227	204	182	160	138	116	94	72
45	277	250	223	196	169	142	115	88
50	328	296	265	233	201	169	137	104
60	427	386	345	304	262	220	178	136
70	519	470	420	370	319	268	217	166
80	601	544	486	428	370	311	252	192
90	672	608	544	479	414	348	282	215
100	732	663	593	523	451	380	308	235
110	782	709	634	559	483	406	329	251
120	824	747	668	589	509	428	347	265
130	858	778	696	614	530	446	362	276
140	886	803	719	634	548	461	374	285
150	909	824	737	650	562	473	383	293

2. Spruce

2.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	928	840	752	664	574	483	391	299
170	942	854	765	674	583	491	398	303
180	954	865	774	683	591	497	403	307
				II Site Index				
5	0.98	0.87	0.77	0.67	0.57	0.47	0.37	0.27
10	6.5	5.8	5.1	4.4	3.8	3.1	2.5	1.8
15	18.4	16.4	14.5	12.7	10.8	8.9	7.1	5.3
20	37	33	29	26	22	18	14	11
25	61	55	49	43	37	30	24	18
30	91	82	73	63	54	45	36	27
35	125	112	100	87	74	62	49	37
40	161	145	129	112	96	80	64	47
45	199	179	159	139	119	99	79	59
50	237	214	190	167	143	119	95	70
60	314	283	252	221	189	158	126	93
70	387	349	311	272	233	194	155	115
80	453	409	364	319	274	228	182	135
90	511	461	411	360	309	258	205	153
100	561	507	452	396	340	283	226	168
110	604	546	487	427	366	305	244	181
120	640	578	516	453	389	324	258	192
130	670	606	540	474	407	339	271	201
140	695	628	561	492	422	352	281	209
150	716	647	577	507	435	363	289	215
160	733	662	591	519	445	371	296	220
170	746	675	602	528	454	378	302	225
180	758	685	611	537	461	384	307	228
				III Site Index				
5	0.53	0.47	0.41	0.36	0.30	0.24	0.19	0.14
10	3.8	3.3	2.9	2.5	2.1	1.8	1.4	1.0
15	11.1	9.9	8.7	7.5	6.4	5.2	4.1	3.0
20	23	20	18	16	13	11	9	6
25	39	35	31	27	23	19	15	11
30	59	53	47	41	35	28	22	16
35	82	73	65	57	48	40	31	23
40	107	96	85	74	63	52	41	30
45	134	120	107	93	79	65	51	37
50	162	146	129	113	96	79	62	45
60	218	197	175	152	130	107	84	61
70	273	246	219	191	163	134	106	77
80	324	292	260	227	194	160	126	91
90	370	334	297	259	221	183	144	104
100	410	370	329	288	246	203	160	116
110	446	402	358	313	267	221	174	126
120	476	429	382	334	285	236	186	135

2. Spruce

2.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	501	452	402	352	301	249	196	142
140	523	472	420	367	314	260	204	148
150	540	488	434	380	325	269	212	154
160	555	501	446	391	334	276	217	158
170	568	512	456	399	341	282	222	162
180	578	522	465	407	347	287	226	164
				IV Site Index				
5	0.25	0.22	0.19	0.17	0.14	0.11	0.09	0.06
10	1.9	1.7	1.5	1.3	1.1	0.9	0.7	0.5
15	6.0	5.3	4.7	4.1	3.4	2.8	2.2	1.6
20	13	11	10	9	7	6	5	3
25	22	20	18	15	13	11	8	6
30	35	31	28	24	20	17	13	9
35	49	44	39	34	29	24	19	13
40	65	59	52	45	39	32	25	18
45	83	75	66	58	49	40	32	23
50	102	92	81	71	60	50	39	28
60	140	127	112	98	84	69	54	39
70	179	162	144	125	107	88	69	49
80	216	195	173	151	129	106	83	60
90	250	226	201	176	150	123	97	69
100	281	253	226	197	168	139	109	78
110	308	278	247	216	185	152	119	86
120	331	299	267	233	199	164	129	92
130	352	318	283	248	212	175	137	98
140	369	334	297	260	222	183	144	103
150	384	347	309	271	231	191	150	107
160	396	358	319	280	239	197	154	111
170	407	368	328	287	245	202	159	114
180	416	376	335	293	251	207	162	116
				V Site Index				
5	0.10	0.09	0.08	0.07	0.06	0.05	0.04	0.03
10	0.84	0.75	0.67	0.58	0.49	0.41	0.32	0.23
15	2.8	2.5	2.2	1.9	1.6	1.4	1.1	0.8
20	6.2	5.6	5.0	4.3	3.7	3.1	2.4	1.8
25	11	10	9	8	7	6	4	3
30	18	16	14	13	11	9	7	5
35	26	23	21	18	16	13	10	8
40	35	32	29	25	22	18	14	10
45	46	41	37	32	28	23	18	14
50	57	51	46	41	35	29	23	17
60	80	73	65	58	50	41	33	24
70	105	95	86	75	65	54	43	32
80	129	117	105	93	80	67	53	39
90	152	138	124	109	94	79	63	46

2. Spruce

2.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	173	157	141	125	107	90	72	53
110	192	174	157	138	119	100	80	59
120	209	190	171	151	130	109	87	64
130	223	203	183	161	139	116	93	69
140	236	215	193	171	147	123	98	73
150	247	225	203	179	155	129	103	76
160	257	234	211	186	161	134	107	79
170	265	242	217	192	166	139	111	82
180	272	248	223	197	170	142	113	84
				Va Site Index				
5	0.030	0.027	0.025	0.022	0.02	0.02	0.01	0.01
10	0.29	0.26	0.24	0.21	0.19	0.16	0.14	0.11
15	1.01	0.93	0.9	0.8	0.7	0.6	0.5	0.4
20	2.38	2.20	2.0	1.8	1.6	1.4	1.2	1.0
25	4.5	4.2	3.8	3.5	3.1	2.7	2.3	1.9
30	7	7	6	6	5	4	4	3
35	11	10	9	9	8	7	6	5
40	15	14	13	12	11	9	8	6
45	20	19	17	16	14	12	11	9
50	26	24	22	20	18	16	13	11
60	37	35	32	29	26	23	20	16
70	50	47	43	40	36	31	27	22
80	63	59	55	50	45	39	34	27
90	75	71	65	60	54	47	40	33
100	87	82	76	69	62	55	47	38
110	98	92	85	78	70	62	53	43
120	108	102	94	86	77	68	58	48
130	117	110	102	93	84	74	63	52
140	125	117	109	100	90	79	67	55
150	132	124	115	105	95	83	71	58
160	138	130	120	110	99	87	75	61
170	144	135	125	115	103	91	77	63
180	148	139	129	118	106	94	80	65

2. Spruce

2.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	2.5	2.4	2.3	2.2	2.0	1.7	1.5	1.2
10	17	16	15	14	13	11	9	8
15	48	45	43	39	35	31	26	21
20	96	91	85	78	70	62	52	42
25	160	151	141	129	116	102	86	69
30	237	223	207	190	171	149	126	101
35	324	304	282	258	232	203	171	138
40	418	392	363	331	297	260	219	176
45	515	483	447	407	365	319	269	216
50	615	575	531	484	433	379	320	257
60	811	757	699	636	568	496	418	336
70	996	928	855	777	694	605	510	409
80	1162	1082	996	904	807	703	592	475
90	1308	1217	1119	1016	905	788	664	532
100	1433	1332	1225	1111	990	861	725	580
110	1539	1430	1314	1191	1061	922	776	621
120	1627	1512	1389	1258	1120	973	818	654
130	1700	1579	1450	1314	1169	1015	853	682
140	1760	1635	1501	1359	1209	1050	882	705
150	1809	1680	1543	1396	1242	1078	905	723
160	1849	1717	1576	1427	1268	1101	924	738
170	1882	1747	1604	1451	1290	1119	939	750
180	1908	1771	1626	1471	1307	1134	952	759
				I Site Index				
5				1.1	1.0	0.9	0.7	0.6
10		9.2	8.7	8.0	7.3	6.4	5.4	4.2
15	29	28	26	24	22	19	16	13
20	62	59	55	51	46	40	34	27
25	108	102	95	87	79	69	58	46
30	165	156	145	133	119	104	88	70
35	232	218	202	185	166	145	122	97
40	305	287	266	243	218	190	160	128
45	384	360	333	304	272	237	200	159
50	465	435	403	367	328	286	241	192
60	629	588	543	494	442	385	324	258
70	787	735	678	616	550	479	402	320
80	933	870	802	729	650	565	474	377
90	1063	991	912	828	738	641	538	428
100	1177	1096	1009	915	815	708	593	471
110	1274	1186	1091	990	881	765	641	508
120	1356	1262	1161	1052	936	812	680	540
130	1425	1326	1219	1105	983	852	713	565
140	1483	1379	1268	1149	1021	885	741	587
150	1530	1423	1308	1185	1053	912	763	604

2. Spruce

2.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	1569	1459	1341	1214	1079	935	781	619
170	1600	1488	1368	1238	1100	953	796	630
180	1626	1512	1390	1258	1117	968	808	640
				II Site Index				
5	0.67	0.65	0.62	0.58	0.53	0.46	0.38	0.30
10	5.6	5.4	5.1	4.8	4.3	3.8	3.1	2.5
15	18.4	17.6	16.5	15.3	13.8	12.0	10.1	7.9
20	41	39	36	33	30	26	22	17
25	73	69	64	59	53	46	39	31
30	114	108	101	92	83	72	60	48
35	164	154	143	131	118	103	86	68
40	219	206	192	175	157	137	114	90
45	280	263	244	223	199	173	145	114
50	344	322	299	273	244	212	177	140
60	475	445	412	375	335	291	244	192
70	605	566	523	476	425	369	308	243
80	728	680	628	571	509	442	369	290
90	839	784	723	657	585	507	423	333
100	938	875	807	733	652	565	471	370
110	1024	955	880	799	711	616	513	403
120	1097	1024	943	856	761	659	548	430
130	1160	1082	996	904	803	695	578	453
140	1212	1131	1041	944	839	725	603	473
150	1256	1171	1078	978	868	751	624	489
160	1293	1205	1109	1005	893	772	642	502
170	1323	1233	1135	1029	913	789	656	513
180	1347	1256	1156	1048	930	803	667	522
				III Site Index				
5	0.38	0.37	0.36	0.33	0.30	0.26	0.22	0.17
10	3.4	3.3	3.1	2.9	2.6	2.3	1.9	1.5
15	11.6	11.2	10.5	9.7	8.7	7.6	6.3	4.9
20	27	25	24	22	20	17	14	11
25	49	46	43	40	36	31	26	20
30	77	73	69	63	56	49	41	32
35	113	106	99	91	81	71	59	46
40	153	144	134	123	110	96	79	62
45	198	186	173	158	142	123	102	79
50	245	231	215	196	175	152	126	98
60	346	325	301	275	245	212	176	137
70	447	420	389	354	316	273	227	175
80	545	511	473	430	383	332	275	212
90	635	595	550	501	446	385	319	246
100	716	671	620	564	502	433	359	277
110	789	738	682	620	551	476	393	304
120	851	797	736	669	594	513	424	327

2. Spruce

2.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	905	847	782	710	631	544	449	346
140	951	890	822	746	663	571	471	363
150	990	927	855	776	689	594	490	377
160	1023	957	883	801	711	613	505	389
170	1050	983	907	823	730	628	518	398
180	1073	1004	926	840	745	641	529	406
				IV Site Index				
5		0.22	0.21	0.20	0.18	0.16	0.13	0.09
10	2.1	2.0	1.9	1.8	1.6	1.4	1.1	0.9
15	7.3	7.0	6.6	6.1	5.5	4.8	3.9	2.9
20	17	16	15	14	13	11	9	7
25	31	30	28	26	23	20	16	12
30	50	48	45	41	37	32	26	20
35	74	70	66	61	54	47	38	29
40	102	97	90	83	74	64	52	39
45	132	126	117	107	96	83	68	51
50	166	157	146	134	120	103	85	64
60	237	224	209	191	170	147	120	90
70	311	293	273	249	222	191	156	118
80	383	361	336	306	273	234	192	144
90	451	425	395	360	320	275	225	169
100	514	484	449	409	364	313	255	192
110	570	537	498	454	403	346	282	212
120	620	584	541	493	438	375	306	230
130	663	625	579	527	468	401	327	245
140	701	660	612	557	494	423	345	258
150	733	690	640	582	516	442	360	270
160	761	716	664	603	535	458	373	279
170	784	738	684	622	551	472	384	287
180	804	757	701	637	565	483	393	294
				V Site Index				
5	0.14	0.14	0.13	0.12	0.11	0.09	0.07	0.05
10	1.26	1.23	1.18	1.10	0.98	0.84	0.67	0.47
15	4.3	4.2	4.0	3.7	3.3	2.9	2.3	1.6
20	10.0	9.7	9.2	8.5	7.6	6.5	5.2	3.7
25	19	18	17	16	14	12	10	7
30	30	29	28	25	23	19	16	11
35	45	43	41	37	33	29	23	16
40	62	59	56	51	46	39	31	22
45	81	78	73	67	60	51	41	29
50	102	97	92	84	75	64	51	36
60	147	141	132	121	108	92	74	52
70	195	186	174	160	142	121	97	69
80	243	231	217	198	176	150	120	85
90	288	275	257	235	209	178	142	101

2. Spruce

2.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	331	316	295	270	240	204	163	115
110	371	353	330	302	267	227	181	129
120	406	387	361	330	293	249	198	140
130	437	416	389	355	315	267	213	151
140	465	443	414	377	334	284	226	160
150	489	466	435	397	351	298	237	168
160	510	485	453	414	366	310	247	175
170	528	502	469	428	379	321	255	180
180	543	517	483	440	389	330	262	185
				Va Site Index				
5	0.074	0.076	0.074	0.070	0.06	0.05	0.04	0.02
10	0.65	0.66	0.64	0.60	0.53	0.45	0.33	0.20
15	2.19	2.20	2.1	2.0	1.8	1.5	1.1	0.7
20	5.02	5.01	4.8	4.5	4.0	3.4	2.5	1.5
25	9.3	9.2	8.9	8.3	7.4	6.2	4.6	2.8
30	15	15	14	13	12	10	7	4
35	22	22	21	20	17	15	11	7
40	31	30	29	27	24	20	15	9
45	40	40	38	35	31	26	20	12
50	51	50	48	44	39	33	25	15
60	74	72	69	64	57	47	36	21
70	98	97	92	85	75	63	47	28
80	123	121	115	107	94	79	59	36
90	148	145	138	128	113	94	70	42
100	171	168	160	147	130	108	81	49
110	193	189	180	166	147	122	91	55
120	213	208	198	183	161	134	100	60
130	231	226	215	198	175	145	109	65
140	247	242	230	212	187	155	116	70
150	261	256	243	224	198	164	122	73
160	274	268	255	235	207	171	128	77
170	285	279	265	244	215	178	133	80
180	294	288	274	252	222	184	137	82

2 Spruce

2.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	1.29	1.16	1.04	0.91	0.79	0.67	0.55	0.43
10	3.70	3.34	2.99	2.63	2.29	1.94	1.59	1.24
15	6.25	5.65	5.06	4.47	3.88	3.29	2.70	2.11
20	8.52	7.72	6.91	6.11	5.30	4.50	3.69	2.88
25	10.34	9.36	8.39	7.42	6.45	5.47	4.49	3.51
30	11.65	10.56	9.47	8.38	7.28	6.18	5.07	3.96
35	12.49	11.33	10.16	8.99	7.82	6.64	5.45	4.26
40	12.92	11.72	10.52	9.31	8.10	6.88	5.65	4.41
45	13.00	11.81	10.60	9.39	8.17	6.94	5.70	4.45
50	12.82	11.64	10.46	9.26	8.06	6.85	5.63	4.40
60	11.90	10.81	9.72	8.61	7.50	6.37	5.24	4.10
70	10.56	9.61	8.64	7.66	6.67	5.67	4.67	3.65
80	9.10	8.28	7.45	6.61	5.76	4.90	4.03	3.15
90	7.66	6.98	6.28	5.58	4.86	4.14	3.41	2.66
100	6.36	5.79	5.22	4.63	4.04	3.44	2.83	2.22
110	5.21	4.75	4.28	3.80	3.32	2.82	2.33	1.82
120	4.23	3.86	3.48	3.09	2.70	2.30	1.89	1.48
130	3.41	3.11	2.81	2.50	2.18	1.86	1.53	1.20
140	2.74	2.50	2.26	2.01	1.75	1.49	1.23	0.96
150	2.19	2.00	1.80	1.61	1.40	1.20	0.99	0.77
160	1.75	1.59	1.44	1.28	1.12	0.95	0.79	0.62
170	1.39	1.27	1.15	1.02	0.89	0.76	0.63	0.49
180	1.10	1.01	0.91	0.81	0.71	0.60	0.50	0.39
				I Site Index				
5	0.88	0.79	0.70	0.61	0.52	0.44	0.35	0.27
10	2.60	2.34	2.08	1.83	1.57	1.32	1.06	0.81
15	4.50	4.06	3.61	3.17	2.73	2.29	1.85	1.41
20	6.25	5.64	5.03	4.42	3.81	3.19	2.58	1.97
25	7.70	6.95	6.21	5.46	4.70	3.95	3.19	2.43
30	8.81	7.96	7.10	6.25	5.39	4.53	3.66	2.79
35	9.56	8.65	7.73	6.80	5.87	4.93	3.99	3.04
40	10.01	9.06	8.10	7.13	6.16	5.18	4.19	3.19
45	10.20	9.23	8.25	7.27	6.28	5.28	4.28	3.26
50	10.16	9.20	8.23	7.26	6.27	5.27	4.27	3.26
60	9.62	8.72	7.81	6.89	5.95	5.01	4.06	3.10
70	8.71	7.90	7.07	6.24	5.40	4.55	3.68	2.81
80	7.63	6.93	6.21	5.48	4.74	4.00	3.24	2.47
90	6.54	5.94	5.32	4.70	4.07	3.43	2.78	2.12
100	5.51	5.01	4.49	3.97	3.44	2.90	2.35	1.79
110	4.59	4.17	3.74	3.31	2.86	2.42	1.96	1.50
120	3.78	3.44	3.09	2.73	2.36	1.99	1.62	1.24
130	3.09	2.81	2.53	2.23	1.94	1.63	1.33	1.01
140	2.52	2.29	2.06	1.82	1.58	1.33	1.08	0.83
150	2.04	1.86	1.67	1.48	1.28	1.08	0.88	0.67

2 Spruce

2.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	1.65	1.50	1.35	1.19	1.03	0.87	0.71	0.54
170	1.32	1.21	1.08	0.96	0.83	0.70	0.57	0.44
180	1.06	0.97	0.87	0.77	0.67	0.57	0.46	0.35
				II Site Index				
5	0.55	0.49	0.43	0.37	0.32	0.26	0.21	0.15
10	1.71	1.53	1.35	1.18	1.00	0.83	0.66	0.49
15	3.05	2.74	2.43	2.12	1.81	1.50	1.19	0.88
20	4.34	3.90	3.46	3.02	2.59	2.15	1.71	1.27
25	5.46	4.91	4.36	3.82	3.27	2.72	2.16	1.60
30	6.35	5.72	5.09	4.45	3.82	3.17	2.53	1.88
35	7.01	6.32	5.63	4.93	4.22	3.52	2.80	2.08
40	7.45	6.72	5.99	5.24	4.50	3.75	2.99	2.22
45	7.69	6.94	6.19	5.42	4.65	3.88	3.09	2.30
50	7.76	7.01	6.25	5.48	4.71	3.92	3.13	2.32
60	7.53	6.80	6.07	5.33	4.58	3.82	3.04	2.26
70	6.96	6.29	5.62	4.93	4.24	3.54	2.82	2.10
80	6.22	5.63	5.03	4.42	3.80	3.17	2.53	1.88
90	5.43	4.91	4.39	3.86	3.32	2.77	2.21	1.65
100	4.65	4.22	3.77	3.31	2.85	2.38	1.90	1.42
110	3.94	3.57	3.19	2.81	2.42	2.02	1.61	1.20
120	3.29	2.99	2.67	2.35	2.02	1.69	1.35	1.01
130	2.74	2.48	2.22	1.95	1.68	1.41	1.12	0.84
140	2.26	2.05	1.83	1.61	1.39	1.16	0.93	0.69
150	1.86	1.68	1.51	1.33	1.14	0.96	0.76	0.57
160	1.52	1.38	1.23	1.09	0.94	0.78	0.63	0.47
170	1.24	1.12	1.01	0.89	0.76	0.64	0.51	0.38
180	1.01	0.91	0.82	0.72	0.62	0.52	0.42	0.31
				III Site Index				
5	0.31	0.27	0.24	0.21	0.17	0.14	0.11	0.08
10	1.02	0.91	0.81	0.70	0.59	0.49	0.38	0.27
15	1.91	1.71	1.51	1.31	1.11	0.92	0.72	0.52
20	2.80	2.51	2.23	1.94	1.65	1.36	1.06	0.77
25	3.62	3.25	2.88	2.51	2.14	1.76	1.38	1.00
30	4.31	3.87	3.44	3.00	2.55	2.11	1.65	1.20
35	4.85	4.36	3.87	3.38	2.88	2.38	1.87	1.36
40	5.24	4.72	4.19	3.66	3.13	2.58	2.03	1.47
45	5.50	4.96	4.41	3.85	3.29	2.72	2.14	1.55
50	5.63	5.08	4.52	3.95	3.37	2.79	2.20	1.59
60	5.61	5.06	4.51	3.95	3.37	2.79	2.20	1.60
70	5.31	4.80	4.28	3.74	3.20	2.65	2.09	1.52
80	4.85	4.39	3.91	3.43	2.93	2.43	1.91	1.39
90	4.32	3.91	3.49	3.05	2.61	2.17	1.71	1.24
100	3.78	3.42	3.05	2.67	2.29	1.89	1.49	1.09
110	3.25	2.94	2.63	2.30	1.97	1.63	1.29	0.94
120	2.77	2.51	2.24	1.96	1.68	1.39	1.10	0.80

2 Spruce

2.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	2.34	2.11	1.89	1.66	1.42	1.18	0.93	0.68
140	1.96	1.77	1.58	1.39	1.19	0.99	0.78	0.57
150	1.63	1.48	1.32	1.16	0.99	0.82	0.65	0.47
160	1.35	1.23	1.10	0.96	0.82	0.68	0.54	0.39
170	1.12	1.01	0.91	0.80	0.68	0.57	0.45	0.32
180	0.92	0.84	0.75	0.66	0.56	0.47	0.37	0.27
				IV Site Index				
5	0.15	0.13	0.12	0.10	0.08	0.07	0.05	0.04
10	0.55	0.49	0.43	0.37	0.32	0.26	0.20	0.14
15	1.08	0.97	0.85	0.74	0.63	0.51	0.40	0.29
20	1.65	1.48	1.31	1.14	0.97	0.79	0.62	0.44
25	2.20	1.97	1.75	1.52	1.30	1.06	0.83	0.60
30	2.68	2.41	2.14	1.87	1.59	1.31	1.02	0.73
35	3.09	2.78	2.47	2.16	1.84	1.51	1.18	0.85
40	3.41	3.08	2.73	2.39	2.04	1.68	1.31	0.94
45	3.65	3.29	2.93	2.56	2.18	1.80	1.41	1.01
50	3.80	3.43	3.05	2.67	2.28	1.88	1.47	1.06
60	3.90	3.53	3.14	2.75	2.35	1.94	1.52	1.09
70	3.80	3.43	3.06	2.68	2.29	1.89	1.48	1.07
80	3.56	3.22	2.87	2.52	2.15	1.78	1.39	1.00
90	3.24	2.93	2.62	2.29	1.96	1.62	1.27	0.91
100	2.89	2.61	2.34	2.05	1.75	1.45	1.14	0.82
110	2.53	2.30	2.05	1.80	1.54	1.27	1.00	0.72
120	2.20	1.99	1.78	1.56	1.33	1.10	0.87	0.62
130	1.88	1.71	1.53	1.34	1.15	0.95	0.74	0.54
140	1.61	1.46	1.30	1.14	0.98	0.81	0.63	0.46
150	1.36	1.23	1.10	0.97	0.83	0.68	0.54	0.39
160	1.14	1.04	0.93	0.81	0.70	0.58	0.45	0.33
170	0.96	0.87	0.78	0.68	0.59	0.48	0.38	0.27
180	0.80	0.73	0.65	0.57	0.49	0.40	0.32	0.23
				V Site Index				
5	0.063	0.056	0.049	0.043	0.036	0.030	0.023	0.017
10	0.25	0.23	0.20	0.18	0.15	0.12	0.10	0.07
15	0.53	0.48	0.42	0.37	0.32	0.26	0.21	0.15
20	0.85	0.77	0.68	0.60	0.51	0.43	0.34	0.25
25	1.17	1.06	0.95	0.83	0.71	0.59	0.47	0.35
30	1.48	1.34	1.20	1.05	0.90	0.75	0.60	0.44
35	1.75	1.58	1.42	1.25	1.07	0.90	0.71	0.52
40	1.97	1.79	1.61	1.42	1.22	1.02	0.81	0.60
45	2.15	1.96	1.76	1.55	1.34	1.11	0.89	0.65
50	2.29	2.08	1.87	1.65	1.42	1.19	0.95	0.70
60	2.43	2.22	1.99	1.76	1.52	1.27	1.01	0.75
70	2.44	2.23	2.00	1.77	1.53	1.28	1.02	0.75
80	2.35	2.14	1.93	1.70	1.47	1.23	0.98	0.73
90	2.19	2.00	1.80	1.59	1.38	1.15	0.92	0.68

2 Spruce

2.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	2.00	1.83	1.64	1.45	1.26	1.05	0.84	0.62
110	1.79	1.64	1.47	1.30	1.13	0.94	0.75	0.56
120	1.58	1.45	1.30	1.15	1.00	0.84	0.67	0.49
130	1.38	1.27	1.14	1.01	0.87	0.73	0.58	0.43
140	1.20	1.10	0.99	0.88	0.76	0.63	0.51	0.37
150	1.03	0.94	0.85	0.75	0.65	0.55	0.44	0.32
160	0.88	0.81	0.73	0.65	0.56	0.47	0.37	0.28
170	0.75	0.69	0.62	0.55	0.48	0.40	0.32	0.23
180	0.64	0.58	0.53	0.47	0.40	0.34	0.27	0.20
				Va Site Index				
5	0.020	0.018	0.016	0.015	0.013	0.011	0.009	0.008
10	0.091	0.084	0.076	0.069	0.061	0.053	0.045	0.036
15	0.205	0.190	0.174	0.157	0.140	0.122	0.103	0.084
20	0.35	0.32	0.30	0.27	0.24	0.21	0.18	0.14
25	0.50	0.46	0.43	0.39	0.35	0.30	0.26	0.21
30	0.65	0.61	0.56	0.51	0.46	0.40	0.34	0.28
35	0.79	0.74	0.68	0.62	0.56	0.49	0.42	0.34
40	0.92	0.86	0.80	0.73	0.65	0.57	0.49	0.40
45	1.03	0.97	0.89	0.82	0.73	0.64	0.55	0.45
50	1.12	1.05	0.97	0.89	0.80	0.70	0.60	0.49
60	1.24	1.16	1.08	0.99	0.89	0.78	0.67	0.54
70	1.29	1.21	1.12	1.03	0.92	0.81	0.69	0.57
80	1.27	1.20	1.11	1.02	0.92	0.81	0.69	0.57
90	1.22	1.15	1.07	0.98	0.88	0.78	0.66	0.54
100	1.14	1.08	1.00	0.92	0.83	0.73	0.62	0.51
110	1.05	0.99	0.92	0.84	0.76	0.67	0.57	0.47
120	0.95	0.89	0.83	0.76	0.68	0.60	0.52	0.42
130	0.85	0.80	0.74	0.68	0.61	0.54	0.46	0.38
140	0.75	0.70	0.65	0.60	0.54	0.48	0.41	0.33
150	0.65	0.62	0.57	0.53	0.47	0.42	0.36	0.29
160	0.57	0.54	0.50	0.46	0.41	0.36	0.31	0.25
170	0.49	0.46	0.43	0.40	0.36	0.31	0.27	0.22
180	0.43	0.40	0.37	0.34	0.31	0.27	0.23	0.19

2. Spruce

2.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5				1.20	1.09	0.96	0.81	0.65
10		4.22	3.97	3.66	3.31	2.90	2.46	1.97
15	7.94	7.51	7.01	6.44	5.79	5.08	4.30	3.45
20	11.30	10.63	9.88	9.05	8.12	7.11	6.02	4.84
25	14.20	13.31	12.33	11.26	10.09	8.83	7.46	6.00
30	16.50	15.42	14.25	12.98	11.62	10.15	8.58	6.90
35	18.17	16.94	15.62	14.21	12.70	11.09	9.37	7.53
40	19.25	17.92	16.50	14.99	13.38	11.67	9.85	7.91
45	19.81	18.41	16.93	15.36	13.70	11.93	10.06	8.08
50	19.93	18.50	17.00	15.40	13.72	11.94	10.06	8.07
60	19.19	17.78	16.30	14.75	13.12	11.40	9.59	7.68
70	17.60	16.29	14.92	13.48	11.97	10.38	8.72	6.97
80	15.62	14.45	13.22	11.93	10.58	9.16	7.68	6.12
90	13.53	12.51	11.43	10.31	9.13	7.90	6.60	5.26
100	11.51	10.64	9.72	8.76	7.75	6.69	5.59	4.44
110	9.66	8.93	8.16	7.34	6.49	5.59	4.66	3.70
120	8.03	7.42	6.78	6.10	5.38	4.63	3.86	3.05
130	6.62	6.12	5.59	5.02	4.43	3.81	3.17	2.50
140	5.43	5.02	4.58	4.11	3.62	3.11	2.58	2.03
150	4.43	4.09	3.73	3.35	2.95	2.53	2.10	1.65
160	3.60	3.33	3.03	2.72	2.40	2.05	1.70	1.33
170	2.91	2.70	2.46	2.21	1.94	1.66	1.37	1.07
180	2.36	2.18	1.99	1.78	1.57	1.34	1.10	0.86
				I Site Index				
5	0.75	0.72	0.69	0.64	0.58	0.51	0.43	0.34
10	2.71	2.59	2.43	2.25	2.03	1.78	1.50	1.19
15	5.26	4.98	4.65	4.28	3.85	3.37	2.84	2.26
20	7.91	7.45	6.94	6.35	5.70	4.99	4.20	3.35
25	10.36	9.73	9.02	8.24	7.39	6.45	5.44	4.34
30	12.44	11.65	10.78	9.83	8.80	7.68	6.46	5.16
35	14.08	13.15	12.15	11.06	9.89	8.62	7.25	5.78
40	15.26	14.24	13.13	11.94	10.66	9.28	7.81	6.22
45	16.02	14.92	13.75	12.48	11.13	9.69	8.14	6.48
50	16.41	15.26	14.04	12.74	11.35	9.87	8.29	6.59
60	16.26	15.11	13.88	12.57	11.18	9.70	8.13	6.46
70	15.28	14.18	13.01	11.77	10.45	9.05	7.57	6.00
80	13.83	12.82	11.75	10.62	9.42	8.15	6.80	5.38
90	12.19	11.29	10.34	9.34	8.27	7.14	5.96	4.70
100	10.53	9.75	8.93	8.05	7.12	6.14	5.11	4.03
110	8.95	8.30	7.59	6.84	6.05	5.21	4.33	3.40
120	7.53	6.98	6.38	5.75	5.07	4.36	3.62	2.84
130	6.28	5.82	5.32	4.79	4.22	3.63	3.00	2.35
140	5.19	4.81	4.40	3.96	3.49	2.99	2.47	1.93
150	4.28	3.96	3.62	3.26	2.87	2.46	2.03	1.58

2. Spruce

2.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	3.50	3.25	2.97	2.67	2.35	2.01	1.66	1.29
170	2.86	2.65	2.43	2.18	1.92	1.64	1.35	1.05
180	2.33	2.16	1.98	1.78	1.56	1.33	1.09	0.85
				II Site Index				
5	0.42	0.41	0.39	0.36	0.33	0.29	0.24	0.19
10	1.69	1.61	1.52	1.40	1.26	1.11	0.93	0.73
15	3.48	3.30	3.09	2.84	2.55	2.23	1.87	1.47
20	5.46	5.16	4.81	4.40	3.95	3.45	2.89	2.28
25	7.39	6.96	6.46	5.91	5.30	4.61	3.87	3.05
30	9.12	8.56	7.93	7.24	6.48	5.64	4.73	3.73
35	10.56	9.89	9.15	8.34	7.45	6.48	5.43	4.28
40	11.68	10.92	10.09	9.18	8.20	7.13	5.96	4.70
45	12.47	11.65	10.75	9.78	8.72	7.57	6.33	4.99
50	12.97	12.10	11.16	10.14	9.03	7.84	6.54	5.15
60	13.21	12.31	11.33	10.27	9.14	7.92	6.60	5.19
70	12.70	11.82	10.87	9.84	8.74	7.56	6.29	4.93
80	11.73	10.91	10.02	9.06	8.04	6.94	5.77	4.51
90	10.52	9.78	8.97	8.11	7.19	6.19	5.14	4.01
100	9.23	8.58	7.87	7.11	6.29	5.41	4.48	3.49
110	7.96	7.40	6.79	6.13	5.41	4.65	3.85	2.99
120	6.79	6.31	5.78	5.21	4.60	3.95	3.26	2.53
130	5.73	5.32	4.88	4.40	3.88	3.33	2.74	2.12
140	4.79	4.46	4.08	3.68	3.24	2.78	2.28	1.76
150	3.99	3.71	3.40	3.06	2.69	2.30	1.89	1.46
160	3.30	3.07	2.82	2.53	2.23	1.90	1.56	1.20
170	2.73	2.54	2.32	2.09	1.84	1.57	1.28	0.99
180	2.24	2.09	1.91	1.72	1.51	1.29	1.05	0.81
				III Site Index				
5	0.25	0.24	0.23	0.21	0.19	0.17	0.14	0.11
10	1.06	1.02	0.96	0.89	0.80	0.69	0.58	0.45
15	2.28	2.17	2.03	1.87	1.68	1.46	1.21	0.94
20	3.68	3.49	3.26	2.99	2.68	2.33	1.94	1.50
25	5.11	4.83	4.50	4.12	3.69	3.20	2.66	2.07
30	6.44	6.07	5.64	5.15	4.61	4.00	3.32	2.58
35	7.59	7.14	6.63	6.05	5.40	4.68	3.89	3.02
40	8.54	8.02	7.43	6.77	6.04	5.23	4.34	3.37
45	9.26	8.68	8.03	7.32	6.52	5.65	4.68	3.63
50	9.76	9.14	8.45	7.69	6.85	5.93	4.91	3.80
60	10.19	9.53	8.80	7.99	7.11	6.14	5.08	3.93
70	10.02	9.36	8.63	7.83	6.95	5.99	4.95	3.82
80	9.43	8.81	8.11	7.35	6.52	5.61	4.63	3.56
90	8.61	8.04	7.40	6.70	5.93	5.10	4.20	3.23
100	7.68	7.17	6.60	5.97	5.28	4.53	3.72	2.85
110	6.73	6.28	5.78	5.23	4.62	3.96	3.25	2.48
120	5.82	5.43	5.00	4.51	3.98	3.41	2.79	2.13

2. Spruce

2.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	4.98	4.65	4.27	3.86	3.40	2.91	2.38	1.81
140	4.23	3.94	3.63	3.27	2.88	2.46	2.01	1.53
150	3.56	3.32	3.06	2.76	2.43	2.07	1.69	1.28
160	2.98	2.79	2.56	2.31	2.03	1.73	1.41	1.07
170	2.49	2.33	2.14	1.93	1.69	1.44	1.17	0.88
180	2.07	1.94	1.78	1.60	1.41	1.20	0.97	0.73
				IV Site Index				
5		0.15	0.14	0.13	0.12	0.10	0.08	0.06
10	0.66	0.64	0.60	0.56	0.50	0.43	0.36	0.27
15	1.45	1.39	1.31	1.20	1.08	0.93	0.77	0.58
20	2.39	2.28	2.13	1.96	1.76	1.52	1.25	0.94
25	3.37	3.20	2.99	2.74	2.45	2.12	1.74	1.31
30	4.30	4.08	3.81	3.49	3.11	2.69	2.21	1.66
35	5.14	4.87	4.53	4.15	3.70	3.19	2.62	1.97
40	5.86	5.53	5.15	4.70	4.19	3.61	2.96	2.23
45	6.43	6.07	5.64	5.15	4.58	3.95	3.23	2.44
50	6.86	6.47	6.00	5.47	4.87	4.19	3.43	2.58
60	7.32	6.89	6.39	5.82	5.17	4.44	3.63	2.73
70	7.35	6.91	6.40	5.82	5.16	4.43	3.61	2.71
80	7.05	6.63	6.13	5.57	4.94	4.23	3.44	2.58
90	6.56	6.16	5.70	5.17	4.58	3.91	3.18	2.38
100	5.95	5.59	5.17	4.69	4.14	3.54	2.87	2.14
110	5.31	4.98	4.60	4.17	3.68	3.14	2.55	1.90
120	4.66	4.38	4.04	3.66	3.23	2.75	2.23	1.65
130	4.05	3.80	3.51	3.18	2.80	2.38	1.93	1.43
140	3.49	3.28	3.02	2.74	2.41	2.05	1.65	1.22
150	2.98	2.80	2.59	2.34	2.06	1.75	1.40	1.04
160	2.53	2.38	2.20	1.99	1.75	1.48	1.19	0.88
170	2.14	2.01	1.86	1.68	1.47	1.25	1.00	0.74
180	1.80	1.70	1.57	1.41	1.24	1.05	0.84	0.62
				V Site Index				
5	0.089	0.088	0.085	0.079	0.071	0.061	0.048	0.034
10	0.39	0.38	0.36	0.34	0.30	0.26	0.21	0.15
15	0.86	0.83	0.79	0.73	0.65	0.56	0.45	0.32
20	1.43	1.38	1.30	1.20	1.07	0.92	0.73	0.52
25	2.03	1.95	1.84	1.69	1.51	1.29	1.03	0.74
30	2.61	2.51	2.36	2.17	1.93	1.65	1.32	0.94
35	3.15	3.02	2.83	2.60	2.32	1.98	1.58	1.13
40	3.62	3.46	3.25	2.98	2.65	2.26	1.81	1.29
45	4.01	3.83	3.59	3.29	2.92	2.49	1.99	1.42
50	4.32	4.12	3.86	3.53	3.14	2.67	2.14	1.52
60	4.70	4.48	4.18	3.82	3.39	2.89	2.30	1.64
70	4.81	4.57	4.27	3.89	3.45	2.93	2.34	1.66
80	4.70	4.47	4.17	3.80	3.36	2.85	2.27	1.61
90	4.45	4.23	3.94	3.59	3.18	2.69	2.14	1.51

2. Spruce

2.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	4.12	3.91	3.64	3.32	2.93	2.48	1.97	1.39
110	3.73	3.55	3.30	3.00	2.65	2.24	1.77	1.25
120	3.34	3.17	2.95	2.68	2.36	2.00	1.58	1.11
130	2.95	2.80	2.61	2.37	2.08	1.76	1.39	0.97
140	2.58	2.45	2.28	2.07	1.82	1.53	1.21	0.85
150	2.24	2.13	1.98	1.80	1.58	1.33	1.04	0.73
160	1.93	1.84	1.71	1.55	1.36	1.14	0.90	0.63
170	1.66	1.58	1.47	1.33	1.17	0.98	0.77	0.53
180	1.42	1.35	1.26	1.14	1.00	0.84	0.65	0.45
				Va Site Index				
5	0.047	0.048	0.047	0.044	0.039	0.033	0.025	0.015
10	0.199	0.200	0.194	0.181	0.161	0.135	0.101	0.061
15	0.429	0.428	0.413	0.385	0.343	0.286	0.215	0.129
20	0.71	0.70	0.67	0.63	0.56	0.47	0.35	0.21
25	1.00	0.99	0.95	0.88	0.78	0.65	0.49	0.30
30	1.29	1.27	1.22	1.13	1.00	0.84	0.63	0.38
35	1.56	1.54	1.47	1.36	1.21	1.01	0.76	0.46
40	1.80	1.77	1.69	1.57	1.39	1.16	0.87	0.53
45	2.01	1.97	1.88	1.74	1.54	1.28	0.97	0.58
50	2.18	2.14	2.04	1.88	1.66	1.39	1.04	0.63
60	2.40	2.35	2.24	2.07	1.83	1.52	1.14	0.69
70	2.50	2.44	2.33	2.14	1.89	1.57	1.18	0.71
80	2.49	2.43	2.31	2.13	1.88	1.56	1.16	0.70
90	2.40	2.34	2.23	2.05	1.80	1.49	1.12	0.67
100	2.26	2.21	2.10	1.92	1.69	1.40	1.04	0.62
110	2.08	2.04	1.93	1.78	1.56	1.29	0.96	0.57
120	1.90	1.85	1.76	1.61	1.42	1.17	0.87	0.52
130	1.71	1.67	1.58	1.45	1.27	1.05	0.78	0.46
140	1.52	1.49	1.41	1.29	1.13	0.93	0.69	0.41
150	1.34	1.31	1.25	1.14	1.00	0.82	0.61	0.36
160	1.18	1.15	1.09	1.00	0.88	0.72	0.53	0.31
170	1.03	1.01	0.96	0.87	0.76	0.63	0.46	0.27
180	0.89	0.88	0.83	0.76	0.66	0.54	0.40	0.24

2. Spruce

2.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	0.12	0.20	0.26	0.29	0.30	0.29	0.26	0.22
10	0.73	0.88	0.98	1.03	1.02	0.97	0.87	0.73
15	1.69	1.85	1.95	1.97	1.91	1.79	1.60	1.34
20	2.78	2.92	2.97	2.94	2.82	2.61	2.33	1.96
25	3.87	3.95	3.94	3.84	3.64	3.36	2.97	2.50
30	4.85	4.86	4.78	4.61	4.34	3.97	3.51	2.94
35	5.68	5.62	5.46	5.22	4.88	4.45	3.91	3.27
40	6.34	6.20	5.98	5.67	5.28	4.79	4.19	3.49
45	6.81	6.61	6.33	5.97	5.53	5.00	4.36	3.62
50	7.11	6.86	6.54	6.14	5.66	5.09	4.43	3.67
60	7.29	6.97	6.59	6.14	5.62	5.02	4.35	3.58
70	7.04	6.69	6.28	5.82	5.30	4.71	4.05	3.32
80	6.52	6.17	5.77	5.32	4.82	4.26	3.65	2.97
90	5.86	5.53	5.15	4.73	4.27	3.76	3.20	2.59
100	5.15	4.85	4.51	4.12	3.71	3.25	2.76	2.22
110	4.45	4.18	3.88	3.54	3.17	2.77	2.34	1.88
120	3.80	3.56	3.30	3.00	2.68	2.34	1.96	1.57
130	3.21	3.01	2.78	2.52	2.25	1.95	1.63	1.30
140	2.69	2.52	2.32	2.11	1.87	1.62	1.35	1.07
150	2.24	2.09	1.93	1.75	1.55	1.34	1.11	0.88
160	1.85	1.73	1.60	1.44	1.28	1.10	0.91	0.72
170	1.53	1.43	1.31	1.19	1.05	0.90	0.74	0.58
180	1.25	1.17	1.08	0.97	0.86	0.73	0.60	0.47
				I Site Index				
5				0.03	0.06	0.07	0.08	0.07
10		0.25	0.35	0.42	0.46	0.46	0.43	0.38
15	0.75	0.92	1.04	1.10	1.12	1.08	0.99	0.85
20	1.66	1.81	1.91	1.93	1.90	1.79	1.62	1.39
25	2.66	2.77	2.82	2.79	2.68	2.50	2.24	1.90
30	3.63	3.69	3.67	3.58	3.40	3.14	2.80	2.36
35	4.51	4.51	4.42	4.26	4.02	3.68	3.26	2.74
40	5.25	5.18	5.03	4.81	4.50	4.10	3.62	3.03
45	5.83	5.70	5.49	5.21	4.85	4.41	3.86	3.22
50	6.24	6.06	5.81	5.49	5.08	4.59	4.01	3.34
60	6.64	6.38	6.07	5.68	5.23	4.69	4.07	3.36
70	6.57	6.28	5.93	5.52	5.05	4.51	3.89	3.19
80	6.20	5.90	5.55	5.14	4.68	4.15	3.57	2.91
90	5.65	5.36	5.02	4.64	4.20	3.71	3.17	2.58
100	5.01	4.75	4.44	4.08	3.69	3.25	2.76	2.23
110	4.37	4.13	3.85	3.54	3.18	2.79	2.37	1.90
120	3.75	3.54	3.30	3.02	2.71	2.37	2.00	1.60
130	3.18	3.00	2.79	2.55	2.29	1.99	1.68	1.34
140	2.68	2.52	2.34	2.14	1.91	1.66	1.39	1.11
150	2.24	2.11	1.96	1.78	1.59	1.38	1.15	0.91

2. Spruce

2.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	1.86	1.75	1.62	1.48	1.31	1.14	0.95	0.75
170	1.54	1.45	1.34	1.22	1.08	0.93	0.78	0.61
180	1.27	1.19	1.11	1.00	0.89	0.76	0.63	0.50
				II Site Index				
5						0.02	0.03	0.03
10		0.09	0.17	0.23	0.26	0.27	0.27	0.24
15	0.43	0.56	0.66	0.72	0.74	0.73	0.68	0.59
20	1.12	1.26	1.34	1.38	1.36	1.30	1.18	1.01
25	1.93	2.05	2.10	2.09	2.03	1.90	1.71	1.45
30	2.77	2.84	2.85	2.79	2.66	2.47	2.20	1.85
35	3.55	3.57	3.53	3.41	3.23	2.97	2.63	2.20
40	4.23	4.20	4.11	3.94	3.70	3.38	2.98	2.48
45	4.79	4.71	4.57	4.35	4.06	3.69	3.24	2.69
50	5.21	5.09	4.91	4.65	4.32	3.91	3.42	2.83
60	5.69	5.51	5.26	4.95	4.56	4.10	3.56	2.92
70	5.75	5.53	5.25	4.91	4.50	4.02	3.47	2.83
80	5.51	5.28	4.99	4.65	4.24	3.77	3.24	2.63
90	5.09	4.86	4.58	4.25	3.86	3.42	2.92	2.36
100	4.58	4.36	4.10	3.79	3.44	3.03	2.58	2.08
110	4.03	3.83	3.60	3.32	3.00	2.64	2.23	1.79
120	3.49	3.32	3.11	2.86	2.58	2.26	1.91	1.52
130	2.99	2.84	2.66	2.44	2.20	1.92	1.61	1.28
140	2.54	2.41	2.25	2.06	1.85	1.61	1.35	1.07
150	2.13	2.03	1.89	1.73	1.55	1.35	1.13	0.89
160	1.79	1.70	1.58	1.45	1.29	1.12	0.93	0.74
170	1.49	1.41	1.32	1.20	1.07	0.93	0.77	0.60
180	1.23	1.17	1.09	1.00	0.89	0.77	0.63	0.50
				III Site Index				
5					0.02	0.03	0.03	0.03
10	0.03	0.10	0.15	0.19	0.21	0.21	0.20	0.17
15	0.37	0.46	0.52	0.56	0.57	0.55	0.50	0.42
20	0.88	0.98	1.04	1.06	1.04	0.98	0.88	0.73
25	1.49	1.58	1.62	1.61	1.55	1.44	1.28	1.06
30	2.13	2.19	2.20	2.16	2.06	1.89	1.67	1.38
35	2.75	2.78	2.75	2.67	2.52	2.30	2.02	1.66
40	3.30	3.29	3.23	3.11	2.91	2.65	2.31	1.89
45	3.76	3.73	3.63	3.47	3.23	2.93	2.55	2.08
50	4.13	4.06	3.94	3.74	3.48	3.14	2.72	2.21
60	4.58	4.47	4.29	4.05	3.73	3.35	2.88	2.33
70	4.70	4.56	4.35	4.08	3.75	3.34	2.86	2.30
80	4.58	4.42	4.20	3.93	3.59	3.19	2.72	2.17
90	4.29	4.13	3.91	3.64	3.32	2.93	2.49	1.98
100	3.91	3.75	3.55	3.30	2.99	2.64	2.23	1.77
110	3.48	3.34	3.15	2.92	2.65	2.32	1.96	1.55
120	3.06	2.93	2.76	2.55	2.30	2.02	1.69	1.33

2. Spruce

2.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	2.65	2.53	2.39	2.20	1.98	1.73	1.45	1.14
140	2.27	2.17	2.04	1.88	1.69	1.47	1.23	0.96
150	1.93	1.85	1.74	1.60	1.43	1.25	1.04	0.81
160	1.63	1.56	1.47	1.35	1.21	1.05	0.87	0.67
170	1.37	1.31	1.23	1.13	1.01	0.87	0.72	0.56
180	1.15	1.10	1.03	0.95	0.84	0.73	0.60	0.46
				IV Site Index				
5		0.01	0.02	0.03	0.03	0.03	0.03	0.02
10	0.11	0.15	0.17	0.18	0.19	0.18	0.15	0.12
15	0.37	0.42	0.45	0.46	0.45	0.42	0.37	0.29
20	0.74	0.80	0.82	0.82	0.79	0.72	0.63	0.50
25	1.17	1.22	1.24	1.22	1.16	1.06	0.91	0.72
30	1.62	1.66	1.66	1.62	1.52	1.38	1.18	0.93
35	2.05	2.08	2.06	1.99	1.86	1.68	1.43	1.13
40	2.45	2.46	2.41	2.32	2.16	1.94	1.65	1.29
45	2.79	2.78	2.71	2.59	2.40	2.15	1.83	1.43
50	3.06	3.03	2.95	2.80	2.59	2.31	1.96	1.53
60	3.42	3.36	3.25	3.07	2.82	2.50	2.11	1.64
70	3.55	3.47	3.33	3.13	2.87	2.53	2.13	1.64
80	3.50	3.41	3.26	3.05	2.79	2.45	2.05	1.58
90	3.32	3.23	3.08	2.88	2.61	2.29	1.91	1.46
100	3.07	2.98	2.83	2.64	2.39	2.09	1.74	1.33
110	2.77	2.69	2.55	2.37	2.15	1.87	1.55	1.18
120	2.47	2.39	2.27	2.10	1.90	1.65	1.36	1.03
130	2.16	2.09	1.99	1.84	1.66	1.44	1.18	0.89
140	1.88	1.82	1.72	1.59	1.43	1.24	1.02	0.76
150	1.62	1.57	1.48	1.37	1.23	1.06	0.87	0.65
160	1.39	1.34	1.27	1.17	1.05	0.90	0.74	0.55
170	1.18	1.14	1.08	1.00	0.89	0.76	0.62	0.46
180	1.00	0.97	0.92	0.84	0.75	0.64	0.52	0.39
				V Site Index				
5	0.03	0.03	0.04	0.04	0.04	0.03	0.03	0.02
10	0.14	0.16	0.16	0.16	0.15	0.14	0.11	0.08
15	0.33	0.36	0.37	0.36	0.34	0.30	0.24	0.17
20	0.58	0.61	0.62	0.60	0.56	0.49	0.40	0.28
25	0.86	0.89	0.89	0.86	0.80	0.70	0.56	0.39
30	1.14	1.17	1.16	1.11	1.03	0.90	0.72	0.50
35	1.41	1.43	1.41	1.35	1.24	1.08	0.87	0.60
40	1.65	1.67	1.64	1.56	1.43	1.24	1.00	0.69
45	1.86	1.87	1.83	1.74	1.59	1.38	1.11	0.77
50	2.03	2.04	1.99	1.88	1.71	1.48	1.19	0.82
60	2.27	2.26	2.19	2.06	1.87	1.62	1.29	0.89
70	2.37	2.34	2.27	2.13	1.92	1.66	1.32	0.91
80	2.35	2.33	2.24	2.10	1.89	1.62	1.29	0.88
90	2.26	2.23	2.14	2.00	1.80	1.54	1.22	0.83

2. Spruce

2.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	2.12	2.08	2.00	1.86	1.67	1.43	1.12	0.77
110	1.94	1.91	1.83	1.70	1.52	1.30	1.02	0.69
120	1.75	1.72	1.65	1.53	1.37	1.16	0.91	0.62
130	1.56	1.53	1.47	1.36	1.21	1.03	0.80	0.54
140	1.38	1.35	1.29	1.20	1.06	0.90	0.70	0.47
150	1.21	1.18	1.13	1.04	0.93	0.78	0.61	0.41
160	1.05	1.03	0.98	0.91	0.80	0.68	0.52	0.35
170	0.91	0.89	0.85	0.78	0.69	0.58	0.45	0.30
180	0.78	0.77	0.73	0.67	0.59	0.50	0.38	0.26
				Va Site Index				
5	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.01
10	0.11	0.12	0.12	0.11	0.10	0.08	0.06	0.02
15	0.22	0.24	0.24	0.23	0.20	0.16	0.11	0.05
20	0.36	0.38	0.38	0.36	0.32	0.26	0.17	0.07
25	0.50	0.53	0.52	0.49	0.44	0.35	0.23	0.09
30	0.64	0.67	0.66	0.62	0.55	0.44	0.29	0.10
35	0.77	0.80	0.79	0.74	0.65	0.52	0.34	0.12
40	0.88	0.91	0.90	0.84	0.73	0.58	0.38	0.13
45	0.98	1.01	0.99	0.92	0.81	0.64	0.42	0.13
50	1.06	1.09	1.06	0.99	0.87	0.68	0.44	0.14
60	1.17	1.19	1.17	1.08	0.94	0.74	0.47	0.14
70	1.21	1.24	1.21	1.12	0.97	0.76	0.48	0.14
80	1.21	1.23	1.20	1.11	0.96	0.75	0.47	0.13
90	1.18	1.20	1.16	1.07	0.92	0.72	0.45	0.13
100	1.11	1.13	1.10	1.01	0.87	0.67	0.42	0.12
110	1.04	1.05	1.02	0.93	0.80	0.62	0.39	0.11
120	0.95	0.96	0.93	0.85	0.73	0.57	0.35	0.10
130	0.86	0.87	0.84	0.77	0.66	0.51	0.32	0.09
140	0.77	0.78	0.76	0.69	0.59	0.46	0.28	0.08
150	0.69	0.70	0.67	0.62	0.53	0.40	0.25	0.07
160	0.61	0.62	0.60	0.54	0.46	0.36	0.22	0.06
170	0.54	0.54	0.52	0.48	0.41	0.31	0.19	0.05
180	0.47	0.48	0.46	0.42	0.36	0.27	0.17	0.05

2. Spruce

2.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	53.636	53.689	53.732	53.766	53.789	53.803	53.806	53.800
10	25.222	25.249	25.271	25.289	25.302	25.310	25.314	25.312
15	15.795	15.814	15.829	15.841	15.851	15.857	15.860	15.860
20	11.115	11.129	11.141	11.151	11.158	11.163	11.166	11.167
25	8.334	8.345	8.354	8.362	8.369	8.373	8.376	8.377
30	6.501	6.510	6.518	6.525	6.530	6.535	6.537	6.539
35	5.210	5.218	5.225	5.231	5.236	5.239	5.242	5.243
40	4.258	4.265	4.271	4.276	4.280	4.284	4.286	4.288
45	3.531	3.537	3.542	3.547	3.551	3.554	3.556	3.558
50	2.961	2.966	2.971	2.976	2.979	2.982	2.984	2.986
60	2.136	2.140	2.144	2.147	2.150	2.153	2.155	2.156
70	1.577	1.581	1.584	1.587	1.590	1.592	1.594	1.595
80	1.185	1.188	1.190	1.193	1.195	1.197	1.198	1.199
90	0.900	0.903	0.905	0.907	0.909	0.910	0.912	0.913
100	0.690	0.692	0.694	0.696	0.697	0.699	0.700	0.701
110	0.532	0.534	0.536	0.537	0.538	0.539	0.540	0.541
120	0.412	0.414	0.415	0.417	0.418	0.419	0.420	0.420
130	0.321	0.322	0.323	0.324	0.325	0.326	0.327	0.327
140	0.250	0.251	0.252	0.253	0.254	0.255	0.255	0.256
150	0.196	0.197	0.197	0.198	0.199	0.199	0.200	0.200
160	0.153	0.154	0.155	0.155	0.156	0.156	0.157	0.157
170	0.120	0.121	0.121	0.122	0.122	0.123	0.123	0.124
180	0.094	0.095	0.095	0.096	0.096	0.097	0.097	0.097
				I Site Index				
5	54.431	54.516	54.591	54.656	54.712	54.757	54.793	54.818
10	25.671	25.713	25.750	25.782	25.810	25.833	25.851	25.864
15	16.126	16.153	16.178	16.199	16.217	16.232	16.244	16.253
20	11.384	11.404	11.422	11.438	11.451	11.462	11.471	11.478
25	8.563	8.579	8.593	8.605	8.616	8.625	8.632	8.637
30	6.702	6.715	6.727	6.737	6.745	6.753	6.759	6.763
35	5.390	5.401	5.410	5.419	5.426	5.433	5.438	5.442
40	4.421	4.430	4.438	4.445	4.452	4.457	4.461	4.465
45	3.679	3.687	3.694	3.701	3.706	3.711	3.715	3.718
50	3.097	3.104	3.110	3.116	3.121	3.125	3.128	3.131
60	2.251	2.257	2.262	2.266	2.270	2.273	2.276	2.278
70	1.677	1.681	1.685	1.688	1.692	1.694	1.697	1.698
80	1.270	1.273	1.277	1.279	1.282	1.284	1.286	1.288
90	0.973	0.976	0.979	0.981	0.983	0.985	0.987	0.988
100	0.753	0.755	0.757	0.759	0.761	0.763	0.764	0.765
110	0.586	0.588	0.590	0.592	0.593	0.594	0.595	0.596
120	0.459	0.460	0.462	0.463	0.464	0.466	0.466	0.467
130	0.360	0.362	0.363	0.364	0.365	0.366	0.367	0.368
140	0.284	0.285	0.286	0.287	0.288	0.289	0.289	0.290
150	0.224	0.225	0.226	0.227	0.228	0.228	0.229	0.229

2. Spruce

2.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.177	0.178	0.179	0.180	0.180	0.181	0.181	0.182
170	0.141	0.141	0.142	0.142	0.143	0.143	0.144	0.144
180	0.112	0.112	0.113	0.113	0.113	0.114	0.114	0.115
				II Site Index				
5	55.750	55.867	55.974	56.071	56.159	56.236	56.303	56.361
10	26.371	26.428	26.480	26.527	26.569	26.606	26.639	26.667
15	16.616	16.653	16.686	16.716	16.744	16.768	16.789	16.806
20	11.767	11.793	11.818	11.840	11.859	11.877	11.892	11.905
25	8.880	8.900	8.919	8.936	8.951	8.965	8.976	8.986
30	6.974	6.990	7.005	7.019	7.031	7.042	7.051	7.059
35	5.628	5.641	5.654	5.665	5.675	5.684	5.692	5.698
40	4.632	4.643	4.654	4.663	4.672	4.679	4.686	4.691
45	3.869	3.879	3.888	3.896	3.903	3.910	3.915	3.920
50	3.269	3.278	3.286	3.293	3.299	3.304	3.309	3.313
60	2.395	2.402	2.407	2.413	2.418	2.422	2.426	2.429
70	1.798	1.803	1.808	1.812	1.816	1.819	1.822	1.825
80	1.373	1.377	1.381	1.385	1.388	1.390	1.393	1.395
90	1.062	1.065	1.068	1.071	1.074	1.076	1.078	1.079
100	0.829	0.832	0.834	0.836	0.838	0.840	0.842	0.843
110	0.651	0.654	0.656	0.657	0.659	0.660	0.662	0.663
120	0.515	0.516	0.518	0.520	0.521	0.522	0.523	0.524
130	0.408	0.410	0.411	0.412	0.413	0.414	0.415	0.416
140	0.325	0.326	0.327	0.328	0.329	0.330	0.331	0.331
150	0.259	0.260	0.261	0.262	0.263	0.263	0.264	0.265
160	0.207	0.208	0.209	0.210	0.210	0.211	0.211	0.212
170	0.166	0.167	0.167	0.168	0.168	0.169	0.169	0.170
180	0.133	0.134	0.134	0.135	0.135	0.135	0.136	0.136
				III Site Index				
5	57.596	57.746	57.885	58.015	58.134	58.244	58.343	58.432
10	27.325	27.397	27.464	27.526	27.583	27.635	27.682	27.725
15	17.270	17.316	17.358	17.398	17.434	17.468	17.498	17.525
20	12.269	12.302	12.332	12.361	12.387	12.410	12.432	12.451
25	9.289	9.314	9.337	9.359	9.379	9.397	9.413	9.428
30	7.319	7.339	7.358	7.375	7.391	7.405	7.418	7.430
35	5.927	5.944	5.959	5.973	5.986	5.997	6.008	6.017
40	4.896	4.909	4.922	4.934	4.945	4.954	4.963	4.971
45	4.104	4.116	4.127	4.137	4.146	4.154	4.161	4.168
50	3.481	3.491	3.500	3.509	3.517	3.524	3.530	3.535
60	2.570	2.577	2.584	2.591	2.597	2.602	2.606	2.611
70	1.945	1.951	1.956	1.961	1.966	1.970	1.973	1.976
80	1.498	1.503	1.507	1.511	1.514	1.517	1.520	1.523
90	1.168	1.172	1.175	1.179	1.181	1.184	1.186	1.188
100	0.920	0.923	0.926	0.928	0.930	0.932	0.934	0.936
110	0.730	0.732	0.734	0.736	0.738	0.740	0.741	0.742
120	0.582	0.584	0.586	0.587	0.589	0.590	0.591	0.592

2. Spruce

2.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	0.466	0.468	0.469	0.471	0.472	0.473	0.474	0.475
140	0.375	0.376	0.377	0.378	0.379	0.380	0.381	0.381
150	0.302	0.303	0.304	0.305	0.306	0.306	0.307	0.308
160	0.244	0.245	0.246	0.246	0.247	0.248	0.248	0.248
170	0.197	0.198	0.199	0.199	0.200	0.200	0.201	0.201
180	0.160	0.160	0.161	0.161	0.162	0.162	0.163	0.163
				IV Site Index				
5	59.975	60.157	60.329	60.491	60.642	60.784	60.916	61.037
10	28.538	28.625	28.707	28.784	28.856	28.923	28.986	29.043
15	18.092	18.147	18.199	18.248	18.294	18.336	18.375	18.412
20	12.893	12.933	12.970	13.005	13.037	13.067	13.095	13.121
25	9.793	9.823	9.852	9.878	9.903	9.925	9.946	9.966
30	7.743	7.767	7.789	7.810	7.829	7.847	7.864	7.879
35	6.291	6.311	6.329	6.346	6.362	6.376	6.390	6.402
40	5.215	5.231	5.246	5.260	5.273	5.285	5.296	5.306
45	4.388	4.401	4.414	4.426	4.437	4.447	4.456	4.464
50	3.735	3.747	3.758	3.768	3.777	3.786	3.793	3.800
60	2.778	2.787	2.795	2.803	2.810	2.816	2.822	2.827
70	2.120	2.126	2.133	2.138	2.144	2.148	2.153	2.156
80	1.646	1.651	1.656	1.661	1.665	1.668	1.672	1.674
90	1.295	1.299	1.303	1.306	1.310	1.313	1.315	1.317
100	1.029	1.032	1.035	1.038	1.040	1.043	1.045	1.046
110	0.823	0.826	0.828	0.831	0.833	0.834	0.836	0.837
120	0.663	0.665	0.667	0.669	0.670	0.672	0.673	0.674
130	0.536	0.538	0.539	0.541	0.542	0.543	0.544	0.545
140	0.435	0.436	0.438	0.439	0.440	0.441	0.442	0.442
150	0.354	0.355	0.356	0.357	0.358	0.359	0.359	0.360
160	0.289	0.290	0.291	0.291	0.292	0.293	0.293	0.294
170	0.236	0.237	0.238	0.238	0.239	0.239	0.240	0.240
180	0.193	0.194	0.194	0.195	0.195	0.196	0.196	0.196
				V Site Index				
5	62.892	63.106	63.310	63.504	63.688	63.862	64.026	64.180
10	30.015	30.117	30.214	30.306	30.393	30.476	30.553	30.625
15	19.087	19.151	19.213	19.271	19.326	19.378	19.426	19.471
20	13.645	13.691	13.735	13.776	13.815	13.852	13.886	13.918
25	10.398	10.433	10.466	10.497	10.527	10.554	10.580	10.604
30	8.248	8.276	8.302	8.326	8.350	8.371	8.391	8.410
35	6.725	6.747	6.769	6.789	6.807	6.825	6.841	6.856
40	5.594	5.612	5.630	5.646	5.662	5.676	5.689	5.701
45	4.723	4.739	4.754	4.768	4.780	4.792	4.803	4.813
50	4.036	4.049	4.061	4.073	4.084	4.094	4.103	4.112
60	3.025	3.035	3.044	3.053	3.061	3.068	3.075	3.081
70	2.326	2.333	2.340	2.347	2.353	2.358	2.363	2.368
80	1.821	1.827	1.832	1.837	1.842	1.846	1.850	1.853
90	1.445	1.449	1.454	1.458	1.461	1.464	1.467	1.470

2. Spruce

2.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	1.158	1.161	1.165	1.168	1.171	1.173	1.175	1.177
110	0.935	0.938	0.941	0.943	0.945	0.947	0.949	0.950
120	0.760	0.762	0.764	0.766	0.768	0.769	0.771	0.772
130	0.620	0.622	0.624	0.625	0.627	0.628	0.629	0.630
140	0.508	0.510	0.511	0.512	0.513	0.514	0.515	0.516
150	0.418	0.419	0.420	0.421	0.422	0.423	0.423	0.424
160	0.344	0.345	0.346	0.347	0.347	0.348	0.348	0.349
170	0.284	0.285	0.286	0.286	0.287	0.287	0.288	0.288
180	0.235	0.236	0.236	0.237	0.237	0.237	0.238	0.238
	Va Site Index							
5	66.350	66.596	66.833	67.060	67.276	67.483	67.679	67.865
10	31.760	31.877	31.990	32.097	32.199	32.296	32.389	32.476
15	20.258	20.332	20.403	20.471	20.535	20.596	20.654	20.709
20	14.528	14.581	14.631	14.679	14.725	14.768	14.808	14.847
25	11.107	11.147	11.185	11.221	11.255	11.288	11.318	11.347
30	8.839	8.871	8.901	8.929	8.956	8.982	9.005	9.028
35	7.232	7.257	7.282	7.305	7.326	7.347	7.366	7.383
40	6.036	6.057	6.077	6.096	6.114	6.131	6.146	6.161
45	5.115	5.133	5.150	5.165	5.180	5.194	5.207	5.219
50	4.386	4.401	4.415	4.429	4.441	4.453	4.464	4.473
60	3.312	3.323	3.334	3.344	3.353	3.361	3.369	3.376
70	2.567	2.575	2.583	2.590	2.597	2.603	2.609	2.614
80	2.026	2.033	2.039	2.044	2.049	2.054	2.058	2.062
90	1.621	1.626	1.631	1.635	1.639	1.642	1.645	1.648
100	1.310	1.314	1.318	1.321	1.324	1.327	1.329	1.331
110	1.067	1.071	1.074	1.076	1.078	1.080	1.082	1.084
120	0.875	0.878	0.880	0.882	0.884	0.885	0.887	0.888
130	0.721	0.723	0.725	0.726	0.728	0.729	0.730	0.731
140	0.597	0.598	0.600	0.601	0.602	0.603	0.603	0.604
150	0.495	0.496	0.498	0.498	0.499	0.500	0.500	0.501
160	0.412	0.413	0.414	0.415	0.415	0.416	0.416	0.416
170	0.344	0.344	0.345	0.346	0.346	0.347	0.347	0.347
180	0.287	0.288	0.288	0.289	0.289	0.289	0.289	0.290

2. Spruce

2.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	56.181	55.723	55.370	55.122	54.979	54.940	55.007	55.178
10	26.533	26.319	26.152	26.033	25.960	25.935	25.957	26.026
15	16.690	16.557	16.453	16.376	16.327	16.307	16.315	16.350
20	11.799	11.707	11.633	11.577	11.541	11.523	11.524	11.543
25	8.889	8.820	8.764	8.721	8.692	8.676	8.673	8.684
30	6.968	6.915	6.871	6.837	6.813	6.798	6.793	6.797
35	5.613	5.570	5.535	5.507	5.486	5.473	5.467	5.467
40	4.611	4.576	4.547	4.524	4.506	4.493	4.486	4.484
45	3.844	3.816	3.792	3.772	3.756	3.744	3.736	3.733
50	3.241	3.218	3.198	3.181	3.166	3.155	3.148	3.143
60	2.365	2.348	2.333	2.320	2.309	2.299	2.291	2.285
70	1.768	1.756	1.745	1.734	1.725	1.717	1.709	1.702
80	1.344	1.335	1.327	1.319	1.311	1.303	1.296	1.289
90	1.034	1.028	1.021	1.015	1.008	1.002	0.995	0.989
100	0.803	0.799	0.794	0.788	0.783	0.777	0.771	0.765
110	0.628	0.625	0.621	0.616	0.612	0.607	0.601	0.596
120	0.494	0.491	0.488	0.484	0.480	0.476	0.471	0.466
130	0.390	0.388	0.385	0.382	0.379	0.375	0.371	0.366
140	0.308	0.307	0.305	0.303	0.300	0.297	0.293	0.289
150	0.245	0.244	0.242	0.240	0.238	0.235	0.232	0.228
160	0.195	0.194	0.193	0.191	0.189	0.186	0.184	0.181
170	0.155	0.154	0.153	0.152	0.150	0.148	0.146	0.143
180	0.123	0.123	0.122	0.121	0.120	0.118	0.116	0.114
				I Site Index				
5				59.185	59.056	59.031	59.112	59.297
10		28.268	28.108	27.996	27.930	27.911	27.939	28.013
15	17.941	17.813	17.712	17.640	17.595	17.578	17.589	17.628
20	12.705	12.615	12.544	12.492	12.458	12.442	12.445	12.467
25	9.588	9.521	9.467	9.427	9.399	9.385	9.383	9.395
30	7.529	7.478	7.436	7.403	7.380	7.366	7.362	7.368
35	6.076	6.035	6.001	5.974	5.954	5.942	5.936	5.937
40	5.001	4.968	4.940	4.917	4.900	4.888	4.881	4.879
45	4.177	4.150	4.127	4.107	4.092	4.080	4.073	4.069
50	3.529	3.507	3.487	3.471	3.457	3.446	3.438	3.433
60	2.585	2.569	2.555	2.542	2.531	2.521	2.513	2.507
70	1.941	1.930	1.919	1.909	1.899	1.891	1.883	1.875
80	1.482	1.474	1.466	1.458	1.450	1.442	1.435	1.427
90	1.146	1.140	1.134	1.127	1.121	1.114	1.107	1.100
100	0.894	0.890	0.885	0.880	0.874	0.868	0.862	0.855
110	0.703	0.699	0.696	0.691	0.686	0.681	0.675	0.669
120	0.555	0.553	0.550	0.546	0.542	0.537	0.532	0.526
130	0.440	0.439	0.436	0.433	0.430	0.426	0.421	0.416
140	0.350	0.349	0.347	0.345	0.342	0.338	0.334	0.330
150	0.280	0.279	0.277	0.275	0.272	0.269	0.266	0.262

2. Spruce

2.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.223	0.223	0.222	0.220	0.218	0.215	0.212	0.208
170	0.179	0.178	0.177	0.176	0.174	0.172	0.169	0.166
180	0.143	0.143	0.142	0.141	0.140	0.138	0.135	0.133
				II Site Index				
5	63.127	62.699	62.375	62.156	62.042	62.032	62.127	62.327
10	29.919	29.719	29.566	29.460	29.401	29.388	29.423	29.504
15	18.890	18.765	18.669	18.600	18.560	18.547	18.562	18.604
20	13.405	13.318	13.250	13.200	13.169	13.156	13.161	13.185
25	10.138	10.073	10.022	9.983	9.957	9.945	9.945	9.958
30	7.979	7.929	7.889	7.858	7.836	7.824	7.821	7.827
35	6.454	6.414	6.382	6.356	6.337	6.325	6.320	6.322
40	5.324	5.292	5.265	5.243	5.227	5.216	5.209	5.208
45	4.458	4.432	4.409	4.391	4.376	4.365	4.358	4.354
50	3.776	3.754	3.735	3.719	3.706	3.695	3.688	3.683
60	2.780	2.765	2.751	2.739	2.728	2.718	2.710	2.703
70	2.099	2.088	2.077	2.067	2.058	2.049	2.041	2.034
80	1.612	1.604	1.596	1.588	1.580	1.572	1.564	1.556
90	1.253	1.248	1.241	1.235	1.228	1.221	1.214	1.206
100	0.984	0.980	0.975	0.970	0.964	0.957	0.951	0.943
110	0.778	0.775	0.771	0.767	0.762	0.756	0.750	0.743
120	0.618	0.616	0.613	0.609	0.605	0.600	0.595	0.588
130	0.494	0.492	0.490	0.487	0.483	0.479	0.474	0.468
140	0.395	0.394	0.392	0.390	0.387	0.383	0.378	0.373
150	0.318	0.317	0.315	0.313	0.310	0.307	0.303	0.299
160	0.256	0.255	0.254	0.252	0.250	0.247	0.243	0.239
170	0.206	0.206	0.205	0.203	0.201	0.199	0.196	0.192
180	0.166	0.166	0.165	0.164	0.162	0.160	0.157	0.154
				III Site Index				
5	64.961	64.547	64.238	64.034	63.935	63.940	64.050	64.265
10	30.861	30.668	30.522	30.422	30.370	30.365	30.406	30.495
15	19.532	19.412	19.320	19.255	19.219	19.210	19.230	19.277
20	13.896	13.812	13.747	13.700	13.671	13.661	13.670	13.697
25	10.537	10.474	10.425	10.388	10.365	10.354	10.357	10.372
30	8.315	8.267	8.228	8.198	8.178	8.168	8.167	8.175
35	6.744	6.706	6.674	6.650	6.632	6.622	6.618	6.621
40	5.580	5.549	5.523	5.502	5.486	5.476	5.470	5.470
45	4.686	4.660	4.638	4.620	4.606	4.596	4.590	4.587
50	3.981	3.960	3.941	3.926	3.913	3.903	3.896	3.891
60	2.949	2.934	2.921	2.908	2.898	2.888	2.881	2.874
70	2.240	2.229	2.219	2.210	2.200	2.192	2.184	2.176
80	1.732	1.724	1.716	1.708	1.701	1.693	1.685	1.677
90	1.356	1.351	1.345	1.338	1.331	1.324	1.317	1.309
100	1.072	1.068	1.063	1.058	1.052	1.046	1.039	1.031
110	0.854	0.851	0.847	0.843	0.838	0.832	0.825	0.818
120	0.684	0.682	0.679	0.675	0.671	0.665	0.660	0.653

2. Spruce

2.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	0.550	0.549	0.546	0.543	0.539	0.535	0.529	0.523
140	0.444	0.443	0.441	0.439	0.435	0.431	0.426	0.421
150	0.360	0.359	0.357	0.355	0.352	0.349	0.344	0.339
160	0.292	0.291	0.290	0.288	0.286	0.282	0.279	0.274
170	0.237	0.237	0.236	0.234	0.232	0.229	0.226	0.222
180	0.193	0.193	0.192	0.191	0.189	0.186	0.183	0.180
				IV Site Index				
5		65.296	65.002	64.813	64.729	64.749	64.875	65.105
10	31.297	31.110	30.971	30.878	30.833	30.835	30.884	30.980
15	19.865	19.749	19.660	19.600	19.568	19.564	19.589	19.641
20	14.174	14.093	14.030	13.986	13.961	13.954	13.967	13.997
25	10.780	10.720	10.672	10.638	10.617	10.609	10.614	10.632
30	8.534	8.487	8.450	8.422	8.404	8.395	8.396	8.406
35	6.944	6.907	6.876	6.853	6.837	6.828	6.826	6.831
40	5.764	5.733	5.708	5.688	5.674	5.665	5.661	5.662
45	4.856	4.832	4.810	4.793	4.780	4.771	4.766	4.764
50	4.140	4.119	4.102	4.087	4.075	4.065	4.059	4.056
60	3.089	3.074	3.061	3.049	3.039	3.030	3.023	3.017
70	2.364	2.353	2.343	2.334	2.325	2.317	2.309	2.302
80	1.842	1.834	1.826	1.819	1.811	1.803	1.796	1.788
90	1.454	1.448	1.442	1.436	1.429	1.422	1.414	1.407
100	1.159	1.155	1.150	1.145	1.139	1.132	1.125	1.117
110	0.931	0.928	0.924	0.920	0.914	0.908	0.902	0.894
120	0.752	0.750	0.747	0.743	0.738	0.733	0.727	0.720
130	0.610	0.609	0.606	0.603	0.599	0.594	0.589	0.582
140	0.497	0.496	0.494	0.492	0.488	0.484	0.478	0.473
150	0.406	0.406	0.404	0.402	0.399	0.395	0.390	0.385
160	0.333	0.332	0.331	0.329	0.326	0.323	0.319	0.314
170	0.273	0.273	0.272	0.270	0.268	0.265	0.261	0.257
180	0.224	0.224	0.223	0.222	0.220	0.217	0.214	0.210
				V Site Index				
5	65.322	64.937	64.658	64.484	64.415	64.451	64.593	64.839
10	31.218	31.038	30.905	30.819	30.782	30.791	30.848	30.953
15	19.880	19.767	19.683	19.627	19.600	19.601	19.630	19.688
20	14.233	14.154	14.094	14.053	14.031	14.028	14.044	14.079
25	10.862	10.803	10.757	10.725	10.707	10.702	10.710	10.731
30	8.629	8.584	8.548	8.521	8.505	8.499	8.502	8.515
35	7.047	7.011	6.981	6.959	6.945	6.937	6.938	6.945
40	5.871	5.841	5.817	5.798	5.785	5.777	5.775	5.778
45	4.966	4.941	4.921	4.905	4.892	4.884	4.881	4.881
50	4.250	4.229	4.212	4.198	4.187	4.178	4.173	4.171
60	3.196	3.182	3.169	3.158	3.148	3.140	3.133	3.128
70	2.467	2.456	2.446	2.437	2.429	2.421	2.414	2.407
80	1.939	1.931	1.923	1.916	1.908	1.901	1.893	1.886
90	1.544	1.538	1.532	1.526	1.519	1.513	1.505	1.497

2. Spruce

2.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	1.242	1.238	1.233	1.228	1.222	1.216	1.209	1.201
110	1.007	1.004	1.001	0.996	0.991	0.985	0.978	0.971
120	0.822	0.820	0.817	0.813	0.808	0.803	0.796	0.789
130	0.674	0.672	0.670	0.667	0.662	0.657	0.651	0.645
140	0.555	0.554	0.552	0.549	0.545	0.540	0.535	0.529
150	0.458	0.457	0.456	0.453	0.450	0.446	0.441	0.435
160	0.379	0.379	0.377	0.375	0.372	0.368	0.364	0.359
170	0.314	0.314	0.313	0.311	0.309	0.305	0.301	0.296
180	0.261	0.261	0.260	0.259	0.256	0.253	0.250	0.245
				Va Site Index				
5	63.831	63.460	63.195	63.036	62.982	63.035	63.193	63.457
10	30.614	30.440	30.314	30.235	30.205	30.223	30.288	30.402
15	19.567	19.458	19.377	19.326	19.304	19.310	19.345	19.409
20	14.061	13.985	13.927	13.889	13.871	13.872	13.892	13.932
25	10.773	10.715	10.672	10.642	10.626	10.624	10.636	10.661
30	8.592	8.548	8.513	8.489	8.474	8.470	8.477	8.493
35	7.045	7.009	6.981	6.961	6.948	6.943	6.945	6.955
40	5.894	5.865	5.841	5.824	5.812	5.806	5.806	5.811
45	5.006	4.982	4.962	4.947	4.936	4.929	4.927	4.930
50	4.303	4.283	4.266	4.252	4.242	4.235	4.232	4.232
60	3.265	3.251	3.238	3.228	3.219	3.211	3.206	3.202
70	2.543	2.533	2.523	2.514	2.506	2.499	2.493	2.487
80	2.018	2.010	2.003	1.996	1.988	1.981	1.975	1.968
90	1.623	1.618	1.612	1.606	1.599	1.592	1.586	1.578
100	1.320	1.315	1.311	1.305	1.300	1.293	1.286	1.279
110	1.081	1.078	1.075	1.070	1.065	1.059	1.052	1.045
120	0.892	0.890	0.887	0.883	0.878	0.872	0.866	0.859
130	0.739	0.738	0.735	0.732	0.728	0.722	0.716	0.709
140	0.615	0.614	0.612	0.609	0.605	0.601	0.595	0.589
150	0.514	0.513	0.512	0.509	0.506	0.501	0.496	0.490
160	0.430	0.430	0.429	0.426	0.423	0.419	0.414	0.409
170	0.361	0.361	0.360	0.358	0.355	0.352	0.347	0.342
180	0.304	0.304	0.303	0.301	0.299	0.295	0.291	0.287

2. Spruce

2.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	4.870	9.221	13.328	17.098	20.446	23.300	25.599	27.313
10	4.993	6.688	8.317	9.860	11.299	12.617	13.802	14.849
15	4.261	5.188	6.093	6.972	7.818	8.626	9.393	10.122
20	3.628	4.212	4.792	5.366	5.931	6.487	7.033	7.573
25	3.119	3.519	3.921	4.325	4.731	5.137	5.547	5.961
30	2.709	2.997	3.290	3.589	3.892	4.202	4.518	4.844
35	2.371	2.587	2.808	3.036	3.270	3.512	3.762	4.023
40	2.088	2.254	2.426	2.605	2.789	2.981	3.182	3.393
45	1.849	1.979	2.116	2.257	2.405	2.560	2.723	2.895
50	1.643	1.748	1.857	1.972	2.092	2.218	2.351	2.492
60	1.309	1.379	1.453	1.530	1.611	1.697	1.787	1.884
70	1.052	1.101	1.152	1.206	1.262	1.321	1.384	1.450
80	0.850	0.885	0.922	0.960	1.000	1.041	1.084	1.130
90	0.689	0.715	0.742	0.770	0.798	0.827	0.857	0.888
100	0.559	0.579	0.599	0.619	0.640	0.660	0.681	0.702
110	0.455	0.470	0.485	0.500	0.515	0.529	0.543	0.558
120	0.370	0.382	0.394	0.405	0.415	0.425	0.435	0.444
130	0.301	0.311	0.320	0.328	0.335	0.342	0.349	0.355
140	0.245	0.253	0.260	0.266	0.271	0.276	0.280	0.284
150	0.200	0.206	0.211	0.216	0.219	0.223	0.225	0.227
160	0.162	0.167	0.171	0.175	0.178	0.180	0.181	0.182
170	0.132	0.136	0.139	0.142	0.144	0.145	0.146	0.146
180	0.107	0.111	0.113	0.115	0.116	0.117	0.117	0.117
				I Site Index				
5				2.750	5.978	8.955	11.709	14.393
10	1.030	2.693	4.332	5.936	7.502	9.038	10.576	12.219
15	2.694	3.675	4.658	5.642	6.629	7.633	8.682	9.850
20	3.014	3.668	4.332	5.009	5.703	6.425	7.201	8.088
25	2.952	3.420	3.900	4.397	4.914	5.462	6.061	6.759
30	2.766	3.116	3.479	3.858	4.258	4.688	5.164	5.726
35	2.544	2.814	3.097	3.395	3.713	4.057	4.442	4.901
40	2.318	2.533	2.758	2.997	3.254	3.534	3.850	4.230
45	2.103	2.276	2.459	2.654	2.864	3.095	3.357	3.673
50	1.903	2.045	2.195	2.356	2.530	2.722	2.941	3.207
60	1.553	1.652	1.757	1.870	1.992	2.127	2.283	2.472
70	1.266	1.338	1.413	1.494	1.582	1.679	1.791	1.928
80	1.031	1.085	1.141	1.200	1.264	1.335	1.416	1.516
90	0.840	0.881	0.923	0.967	1.015	1.066	1.126	1.199
100	0.685	0.716	0.748	0.782	0.817	0.855	0.898	0.952
110	0.558	0.583	0.607	0.633	0.659	0.687	0.719	0.759
120	0.455	0.474	0.493	0.513	0.533	0.553	0.577	0.606
130	0.371	0.386	0.401	0.416	0.431	0.446	0.464	0.485
140	0.302	0.314	0.326	0.338	0.349	0.360	0.373	0.388
150	0.246	0.256	0.265	0.274	0.283	0.291	0.300	0.312

2. Spruce

2.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.200	0.208	0.216	0.223	0.229	0.235	0.242	0.250
170	0.163	0.170	0.175	0.181	0.186	0.190	0.195	0.201
180	0.133	0.138	0.143	0.147	0.151	0.154	0.157	0.161
				II Site Index				
5						5.000	8.384	12.108
10		1.475	3.274	5.075	6.885	8.732	10.700	13.011
15	2.328	3.435	4.561	5.710	6.895	8.144	9.520	11.189
20	3.035	3.798	4.584	5.399	6.254	7.175	8.212	9.497
25	3.146	3.706	4.290	4.902	5.553	6.265	7.080	8.104
30	3.039	3.468	3.918	4.395	4.908	5.475	6.133	6.967
35	2.848	3.186	3.544	3.925	4.339	4.800	5.339	6.029
40	2.630	2.902	3.192	3.503	3.842	4.223	4.671	5.248
45	2.408	2.632	2.871	3.128	3.409	3.727	4.102	4.589
50	2.195	2.382	2.580	2.795	3.032	3.299	3.616	4.029
60	1.810	1.944	2.086	2.240	2.410	2.603	2.833	3.135
70	1.486	1.585	1.690	1.803	1.928	2.069	2.239	2.463
80	1.217	1.292	1.371	1.456	1.549	1.654	1.781	1.948
90	0.996	1.054	1.115	1.179	1.249	1.328	1.423	1.548
100	0.815	0.860	0.907	0.957	1.010	1.070	1.141	1.236
110	0.667	0.703	0.739	0.777	0.818	0.863	0.917	0.989
120	0.545	0.574	0.603	0.633	0.664	0.698	0.739	0.794
130	0.446	0.469	0.492	0.515	0.539	0.565	0.596	0.638
140	0.365	0.383	0.401	0.420	0.438	0.458	0.482	0.513
150	0.298	0.313	0.328	0.342	0.357	0.372	0.390	0.414
160	0.244	0.256	0.268	0.279	0.290	0.302	0.315	0.334
170	0.199	0.209	0.219	0.227	0.236	0.245	0.255	0.269
180	0.163	0.171	0.178	0.186	0.192	0.199	0.207	0.217
				III Site Index				
5					6.150	10.355	14.639	19.503
10		3.061	5.224	7.409	9.623	11.908	14.373	17.336
15	3.308	4.645	6.013	7.417	8.872	10.416	12.134	14.261
20	3.842	4.774	5.737	6.739	7.795	8.935	10.230	11.862
25	3.828	4.520	5.241	5.998	6.806	7.690	8.708	10.009
30	3.625	4.160	4.722	5.315	5.955	6.661	7.484	8.545
35	3.359	3.785	4.234	4.712	5.230	5.807	6.484	7.363
40	3.080	3.426	3.793	4.185	4.611	5.089	5.654	6.391
45	2.807	3.094	3.398	3.724	4.080	4.481	4.956	5.581
50	2.552	2.792	3.047	3.322	3.622	3.961	4.364	4.896
60	2.098	2.273	2.458	2.658	2.876	3.123	3.418	3.810
70	1.722	1.853	1.991	2.140	2.302	2.486	2.705	2.999
80	1.413	1.513	1.619	1.731	1.854	1.992	2.157	2.379
90	1.159	1.238	1.320	1.406	1.500	1.605	1.730	1.899
100	0.952	1.014	1.078	1.145	1.217	1.298	1.393	1.523
110	0.782	0.831	0.882	0.935	0.991	1.053	1.126	1.225
120	0.642	0.682	0.723	0.764	0.808	0.856	0.912	0.989

2. Spruce

2.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	0.528	0.560	0.593	0.626	0.660	0.697	0.740	0.799
140	0.434	0.461	0.487	0.513	0.539	0.568	0.602	0.647
150	0.357	0.379	0.400	0.420	0.442	0.464	0.490	0.525
160	0.294	0.311	0.328	0.345	0.362	0.379	0.399	0.426
170	0.242	0.256	0.270	0.283	0.296	0.310	0.325	0.346
180	0.199	0.211	0.222	0.233	0.243	0.253	0.265	0.282
				IV Site Index				
5		5.248	11.339	17.289	22.991	28.359	33.359	38.103
10	5.684	8.515	11.353	14.172	16.950	19.676	22.366	25.113
15	6.155	7.888	9.638	11.398	13.164	14.941	16.749	18.661
20	5.758	6.953	8.168	9.401	10.654	11.936	13.266	14.705
25	5.211	6.093	6.993	7.914	8.859	9.837	10.865	11.993
30	4.672	5.351	6.048	6.764	7.505	8.276	9.096	10.004
35	4.180	4.719	5.275	5.848	6.443	7.067	7.734	8.480
40	3.740	4.179	4.632	5.100	5.588	6.102	6.653	7.272
45	3.352	3.715	4.090	4.479	4.885	5.313	5.774	6.294
50	3.008	3.314	3.629	3.955	4.296	4.657	5.046	5.486
60	2.434	2.657	2.887	3.124	3.372	3.633	3.916	4.235
70	1.981	2.149	2.321	2.499	2.683	2.877	3.086	3.322
80	1.620	1.750	1.882	2.017	2.156	2.303	2.459	2.635
90	1.329	1.431	1.534	1.639	1.746	1.857	1.975	2.108
100	1.093	1.175	1.256	1.338	1.421	1.506	1.596	1.697
110	0.901	0.967	1.032	1.097	1.161	1.227	1.296	1.372
120	0.744	0.798	0.850	0.901	0.952	1.003	1.056	1.114
130	0.616	0.659	0.701	0.743	0.783	0.822	0.863	0.907
140	0.510	0.545	0.580	0.613	0.645	0.676	0.707	0.740
150	0.422	0.452	0.480	0.506	0.532	0.556	0.580	0.605
160	0.350	0.374	0.397	0.419	0.439	0.458	0.476	0.496
170	0.290	0.311	0.329	0.347	0.363	0.378	0.392	0.406
180	0.241	0.258	0.273	0.287	0.300	0.312	0.323	0.333
				V Site Index				
5	26.497	36.381	45.866	54.561	61.955	67.308	69.339	65.205
10	16.442	20.558	24.493	28.113	31.226	33.524	34.428	32.564
15	11.969	14.352	16.629	18.730	20.549	21.903	22.431	21.256
20	9.359	10.945	12.460	13.861	15.077	15.985	16.329	15.479
25	7.622	8.763	9.853	10.862	11.738	12.391	12.627	11.964
30	6.372	7.236	8.060	8.823	9.485	9.976	10.142	9.601
35	5.425	6.103	6.749	7.345	7.862	8.242	8.360	7.904
40	4.681	5.227	5.746	6.225	6.638	6.938	7.022	6.630
45	4.080	4.529	4.955	5.346	5.683	5.924	5.983	5.640
50	3.585	3.960	4.315	4.640	4.918	5.114	5.154	4.851
60	2.818	3.090	3.346	3.577	3.773	3.906	3.921	3.677
70	2.254	2.459	2.649	2.820	2.962	3.055	3.055	2.855
80	1.825	1.983	2.129	2.259	2.364	2.429	2.420	2.254
90	1.491	1.616	1.730	1.830	1.909	1.955	1.941	1.801

2. Spruce

2.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	1.226	1.326	1.416	1.494	1.555	1.588	1.571	1.452
110	1.013	1.094	1.167	1.228	1.275	1.298	1.281	1.180
120	0.840	0.907	0.966	1.015	1.051	1.067	1.050	0.963
130	0.699	0.754	0.802	0.841	0.870	0.881	0.864	0.790
140	0.583	0.629	0.668	0.700	0.722	0.729	0.713	0.650
150	0.487	0.525	0.558	0.583	0.601	0.606	0.591	0.537
160	0.408	0.439	0.466	0.487	0.501	0.504	0.490	0.444
170	0.342	0.368	0.390	0.408	0.418	0.420	0.407	0.368
180	0.286	0.309	0.327	0.341	0.350	0.350	0.339	0.305

Va Site Index

5								
10	37.778	44.050	49.062	52.285	52.951	49.859	40.919	22.014
15	22.257	25.564	28.130	29.681	29.796	27.794	22.458	11.349
20	15.169	17.236	18.801	19.692	19.636	18.181	14.504	6.946
25	11.200	12.621	13.674	14.238	14.120	12.992	10.253	4.683
30	8.698	9.737	10.491	10.871	10.731	9.821	7.679	3.361
35	6.994	7.788	8.352	8.619	8.474	7.718	5.985	2.522
40	5.768	6.393	6.830	7.023	6.881	6.241	4.805	1.957
45	4.849	5.354	5.701	5.844	5.707	5.157	3.945	1.559
50	4.137	4.554	4.834	4.942	4.813	4.335	3.297	1.268
60	3.115	3.411	3.604	3.667	3.554	3.183	2.398	0.881
70	2.422	2.642	2.781	2.820	2.722	2.426	1.813	0.644
80	1.927	2.096	2.200	2.223	2.139	1.898	1.410	0.488
90	1.558	1.691	1.771	1.785	1.713	1.515	1.120	0.380
100	1.275	1.382	1.445	1.454	1.391	1.227	0.903	0.302
110	1.054	1.141	1.191	1.196	1.142	1.004	0.737	0.245
120	0.877	0.948	0.989	0.992	0.945	0.829	0.607	0.201
130	0.734	0.793	0.826	0.827	0.787	0.690	0.503	0.166
140	0.617	0.666	0.694	0.694	0.659	0.576	0.420	0.139
150	0.520	0.562	0.585	0.584	0.554	0.484	0.352	0.116
160	0.440	0.475	0.494	0.493	0.468	0.407	0.296	0.098
170	0.373	0.403	0.419	0.418	0.395	0.344	0.250	0.083
180	0.317	0.342	0.355	0.354	0.335	0.291	0.211	0.071

3. Larch

3.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	9.0	7.5	6.3	5.2	4.2	3.4	2.5	1.7
10	40	34	29	25	20	17	13	9
15	90	77	66	56	47	38	30	21
20	150	130	112	96	80	65	50	35
25	215	187	162	139	117	95	73	51
30	281	245	213	182	153	125	96	67
35	344	301	262	224	188	153	118	82
40	403	354	307	263	221	179	138	95
45	457	401	349	299	251	203	155	107
50	506	444	386	331	277	224	171	118
60	587	515	448	383	320	258	196	134
70	648	569	494	422	352	283	214	146
80	693	609	529	451	375	300	227	154
90	726	638	553	471	391	313	236	159
100	749	659	571	486	403	322	242	163
110	766	674	584	496	411	328	246	165
120	778	684	593	504	417	332	249	167
130	787	692	599	509	421	335	250	168
140	793	697	603	512	423	336	252	169
150	797	701	606	515	425	338	253	169
160	800	703	609	516	426	339	253	170
170	802	705	610	518	427	339	254	170
180	804	706	611	518	428	340	254	170
				I Site Index				
5	11.9	9.9	8.2	6.7	5.4	4.2	3.1	2.0
10	41.2	34.9	29.4	24.6	20.2	16.0	12.0	8.0
15	81	69	59	50	41	33	25	17
20	126	108	93	79	65	52	40	26
25	173	150	129	109	91	73	55	37
30	221	191	165	140	117	94	71	47
35	266	232	200	170	142	114	86	57
40	310	270	233	198	165	132	100	66
45	350	305	264	225	187	150	112	74
50	387	338	292	249	207	165	124	82
60	452	395	341	290	241	192	143	94
70	504	440	381	323	268	213	158	103
80	545	477	412	349	289	229	169	110
90	578	505	436	369	305	241	178	115
100	603	527	455	385	317	250	184	119
110	623	544	469	397	326	257	189	122
120	638	558	480	406	333	262	192	124
130	649	567	489	412	338	266	195	125
140	658	575	495	417	342	268	196	126
150	665	581	500	421	345	270	198	127

3. Larch

3.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	670	585	504	424	347	272	199	127
170	674	589	506	426	349	273	199	128
180	676	591	508	428	350	274	200	128
				II Site Index				
5		10.69	8.80	7.17	5.73	4.41	3.16	1.95
10	37.7	31.7	26.6	22.0	17.9	14.0	10.2	6.4
15	68.0	57.8	48.8	40.8	33.4	26.4	19.4	12.2
20	101	86	73	62	51	40	30	19
25	135	116	99	83	69	54	40	25
30	168	145	124	105	86	68	50	32
35	201	173	148	125	104	82	60	38
40	232	200	172	145	120	95	70	44
45	261	226	194	164	135	107	79	49
50	289	250	215	182	150	118	87	54
60	338	293	252	213	175	138	101	63
70	379	330	283	239	196	154	112	69
80	414	360	309	261	214	167	121	75
90	443	386	331	279	228	178	128	79
100	467	406	349	293	239	186	134	82
110	487	423	363	305	248	193	138	84
120	503	437	374	314	256	198	142	86
130	515	448	384	322	261	202	144	88
140	526	457	391	328	266	205	146	89
150	534	464	397	332	269	208	148	90
160	541	470	402	336	272	210	149	90
170	547	475	406	339	274	211	150	91
180	551	479	409	342	276	213	151	91
				III Site Index				
5			7.14	5.80	4.60	3.50	2.44	1.40
10		23.9	20.0	16.5	13.3	10.2	7.3	4.2
15	49.8	42.1	35.4	29.4	23.9	18.6	13.2	7.7
20	72	62	52	44	35	28	20	12
25	96	82	69	58	47	37	27	16
30	119	102	87	73	59	46	33	19
35	142	121	103	87	71	56	40	23
40	163	140	120	101	82	64	46	27
45	184	159	135	114	93	73	52	30
50	204	176	150	126	103	80	57	33
60	241	208	177	149	122	94	67	39
70	273	236	201	169	138	106	75	43
80	301	260	222	186	151	117	82	47
90	325	281	240	201	163	125	87	50
100	346	299	255	213	172	132	92	52
110	364	314	268	223	180	138	96	54
120	379	327	278	232	187	142	99	56

3. Larch

3.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	391	338	287	239	192	146	101	57
140	402	347	295	245	197	149	103	58
150	411	355	301	250	200	152	105	58
160	419	361	307	254	204	154	106	59
170	425	367	311	258	206	156	107	60
180	431	372	315	261	208	157	108	60
				IV Site Index				
5		4.97	4.08	3.31	2.61	1.96	1.32	0.67
10	16.8	14.1	11.7	9.6	7.7	5.9	4.0	2.1
15	29.9	25.2	21.1	17.5	14.1	10.8	7.4	3.9
20	44	37	32	26	21	16	11	6
25	59	50	43	35	29	22	15	8
30	75	64	54	45	36	28	19	10
35	90	77	65	54	44	34	23	12
40	105	90	76	63	51	39	27	14
45	119	102	87	72	59	45	31	16
50	134	114	97	81	66	50	34	18
60	160	137	116	97	78	60	41	21
70	184	158	134	112	90	68	46	23
80	206	177	150	124	100	76	51	26
90	225	193	164	136	109	82	55	28
100	242	208	176	146	116	87	58	29
110	257	220	186	154	123	92	61	30
120	270	232	196	161	128	96	63	31
130	282	241	204	168	133	99	65	32
140	292	250	210	173	137	102	67	33
150	300	257	216	178	140	104	68	34
160	308	263	221	181	143	106	69	34
170	314	269	226	185	145	107	70	34
180	320	273	229	188	147	109	71	35
				V Site Index				
5	2.4	1.9	1.6	1.3	1.0	0.7	0.5	0.2
10	7.5	6.2	5.2	4.2	3.3	2.5	1.6	0.7
15	14.4	12.1	10.1	8.3	6.6	4.9	3.2	1.3
20	22.5	18.9	15.8	13.0	10.4	7.8	5.0	2.1
25	31.4	26.5	22.2	18.3	14.6	10.9	7.1	2.9
30	40.8	34.4	28.9	23.9	19.1	14.2	9.2	3.7
35	50.4	42.6	35.8	29.6	23.6	17.6	11.3	4.6
40	60.2	51.0	42.8	35.4	28.2	21.0	13.5	5.5
45	69.9	59.3	49.8	41.1	32.7	24.3	15.5	6.3
50	79.6	67.4	56.7	46.8	37.2	27.5	17.6	7.1
60	98.2	83.3	69.9	57.6	45.6	33.6	21.3	8.5
70	115.6	98.0	82.2	67.5	53.3	39.1	24.6	9.8
80	131.6	111.6	93.5	76.6	60.2	44.0	27.6	10.9
90	146.2	123.9	103.7	84.7	66.4	48.2	30.1	11.8

3. Larch

3.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	159.3	135.0	112.8	91.9	71.8	51.9	32.2	12.6
110	171.1	144.9	120.8	98.2	76.4	55.1	34.0	13.2
120	181.5	153.6	127.9	103.8	80.5	57.8	35.6	13.7
130	190.7	161.3	134.2	108.6	84.0	60.1	36.8	14.2
140	198.9	168.1	139.6	112.7	87.0	62.1	37.9	14.5
150	206.0	174.0	144.4	116.4	89.6	63.7	38.8	14.8
160	212.3	179.2	148.5	119.5	91.8	65.1	39.5	15.1
170	217.8	183.8	152.1	122.1	93.6	66.3	40.1	15.3
180	222.6	187.7	155.1	124.4	95.2	67.3	40.6	15.4
				Va Site Index				
5	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.0
10	2.5	2.1	1.7	1.3	1.0	0.7	0.4	0.0
15	5.5	4.6	3.7	3.0	2.3	1.6	0.9	0.1
20	9.5	7.8	6.4	5.1	3.9	2.7	1.5	0.2
25	14.1	11.7	9.6	7.7	5.9	4.1	2.2	0.3
30	19.3	16.0	13.1	10.5	8.0	5.5	3.0	0.3
35	24.8	20.6	16.9	13.5	10.3	7.1	3.8	0.4
40	30.7	25.4	20.8	16.7	12.7	8.7	4.7	0.5
45	36.6	30.4	24.9	19.9	15.1	10.3	5.5	0.6
50	42.7	35.4	29.0	23.1	17.5	11.9	6.4	0.7
60	54.6	45.3	37.0	29.4	22.1	15.0	8.0	0.9
70	66.2	54.8	44.7	35.4	26.5	17.9	9.4	1.0
80	77.0	63.7	51.8	40.9	30.5	20.5	10.7	1.2
90	86.9	71.9	58.3	45.9	34.0	22.7	11.8	1.3
100	96.0	79.2	64.2	50.3	37.2	24.7	12.7	1.4
110	104.1	85.9	69.4	54.2	39.9	26.4	13.5	1.5
120	111.3	91.8	74.0	57.6	42.3	27.8	14.2	1.5
130	117.7	96.9	78.1	60.6	44.3	29.0	14.7	1.6
140	123.4	101.5	81.6	63.2	46.1	30.1	15.2	1.6
150	128.3	105.5	84.6	65.4	47.5	30.9	15.6	1.7
160	132.6	108.9	87.3	67.3	48.8	31.6	15.9	1.7
170	136.4	111.9	89.6	68.9	49.9	32.2	16.1	1.7
180	139.7	114.5	91.5	70.3	50.8	32.7	16.4	1.7

3. Larch

3.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	14.2	13.5	12.7	11.6	10.4	9.0	7.4	5.6
10	53	52	49	45	41	36	30	23
15	110	107	102	94	86	75	62	48
20	179	173	164	153	138	121	100	77
25	253	245	232	215	194	170	140	107
30	331	319	302	279	251	218	180	137
35	409	392	370	341	306	265	218	166
40	484	464	435	400	358	308	253	192
45	557	531	497	455	405	348	285	215
50	626	594	554	505	449	384	313	235
60	749	707	654	593	522	445	360	269
70	854	800	736	662	580	491	395	294
80	941	876	801	717	625	526	422	312
90	1012	937	852	759	659	552	441	325
100	1070	986	892	791	684	571	455	334
110	1116	1024	923	816	703	585	464	340
120	1153	1053	947	834	717	596	472	345
130	1182	1077	965	848	727	603	477	348
140	1205	1095	979	859	735	608	480	350
150	1223	1109	989	866	740	612	483	352
160	1237	1120	997	872	744	615	485	353
170	1249	1128	1004	876	748	617	486	354
180	1257	1134	1008	880	750	619	487	354
				I Site Index				
5	12.5	11.9	11.1	10.2	9.0	7.7	6.1	4.4
10	44.6	42.9	40.5	37.3	33.4	28.7	23.2	16.9
15	90	87	82	76	68	58	47	34
20	144	138	131	121	108	93	75	55
25	202	195	183	169	151	129	104	76
30	263	252	237	218	194	166	133	97
35	324	310	290	265	235	201	161	116
40	383	365	341	311	275	234	187	134
45	441	419	390	354	312	264	210	151
50	495	469	435	394	346	292	231	166
60	595	559	515	463	404	339	267	190
70	680	636	582	520	451	376	295	209
80	753	699	636	566	488	405	316	223
90	813	751	680	602	517	427	332	233
100	863	793	715	630	539	443	344	241
110	903	827	742	652	556	456	352	246
120	936	854	764	669	569	465	359	250
130	963	875	781	682	578	472	363	253
140	985	892	794	691	586	477	367	255
150	1002	906	804	699	591	481	369	256

3. Larch

3.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	1016	916	812	705	595	484	371	257
170	1027	924	818	709	598	486	372	258
180	1036	931	823	713	601	487	373	259
				II Site Index				
5		9.51	8.89	8.10	7.13	5.98	4.66	3.17
10	34.5	33.2	31.3	28.6	25.4	21.4	16.8	11.5
15	68.7	66.2	62.3	57.2	50.7	42.8	33.6	23.0
20	109	105	99	90	80	68	53	36
25	153	147	138	126	111	94	73	50
30	199	190	178	162	143	120	93	64
35	245	234	218	198	174	145	113	77
40	290	276	257	232	203	169	131	89
45	334	317	294	265	231	192	148	100
50	377	356	329	295	257	213	164	110
60	455	427	391	350	302	249	190	127
70	523	488	445	395	339	278	211	140
80	582	540	489	432	369	301	228	150
90	632	583	526	462	393	319	240	158
100	674	618	555	486	412	333	250	164
110	709	648	579	505	426	343	257	168
120	738	672	598	520	438	351	263	172
130	762	691	614	532	446	358	267	174
140	782	707	626	541	453	362	270	176
150	798	719	636	548	458	366	272	177
160	811	730	643	554	462	369	274	178
170	822	738	650	559	465	371	275	179
180	831	744	654	562	468	372	276	179
				III Site Index				
5			6.38	5.80	5.07	4.20	3.17	1.99
10		23.5	22.1	20.2	17.7	14.7	11.1	7.0
15	48.5	46.7	43.9	40.1	35.2	29.2	22.1	13.9
20	77	74	70	63	55	46	35	22
25	108	104	97	88	77	64	48	30
30	141	135	126	114	99	82	61	38
35	175	166	155	140	121	99	74	46
40	208	197	183	165	142	116	87	54
45	241	228	210	188	162	132	99	61
50	272	257	236	211	181	147	109	67
60	331	310	284	252	215	174	128	78
70	384	358	325	287	244	196	143	87
80	431	399	360	316	267	213	156	94
90	471	433	390	340	286	228	165	100
100	505	463	414	360	301	239	173	104
110	535	487	434	376	314	248	179	107
120	560	508	451	389	324	255	183	110

3. Larch

3.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	580	525	465	400	331	260	187	112
140	598	539	476	408	338	265	190	113
150	612	551	484	415	342	268	192	114
160	625	560	492	420	346	270	193	115
170	635	568	498	424	349	272	194	116
180	643	574	502	428	352	274	195	116
				IV Site Index				
5		4.27	4.02	3.66	3.19	2.60	1.90	1.07
10	15.4	14.9	14.0	12.8	11.2	9.1	6.7	3.8
15	30.9	29.9	28.1	25.6	22.3	18.2	13.2	7.5
20	50	48	45	41	35	29	21	12
25	70	68	63	57	49	40	29	16
30	92	88	82	74	64	52	37	21
35	115	110	102	92	79	63	46	25
40	138	131	121	109	93	75	54	30
45	161	152	140	125	107	85	61	34
50	183	173	159	141	120	96	68	38
60	225	211	193	170	144	114	81	44
70	264	246	223	196	165	130	91	50
80	299	277	250	218	182	143	100	54
90	330	304	273	237	197	154	107	58
100	357	327	292	252	209	162	113	61
110	380	347	308	265	219	170	117	63
120	401	364	322	276	227	175	121	65
130	418	378	333	285	234	180	124	66
140	433	390	343	292	239	183	126	67
150	446	400	351	298	243	186	128	68
160	456	409	357	303	247	189	129	69
170	466	416	363	307	250	191	130	69
180	473	422	367	310	252	192	131	69
				V Site Index				
5	2.32	2.27	2.15	1.98	1.72	1.40	0.99	0.50
10	8.37	8.17	7.75	7.09	6.18	5.00	3.54	1.79
15	17.2	16.7	15.8	14.4	12.5	10.1	7.1	3.6
20	28.1	27.2	25.7	23.3	20.2	16.2	11.4	5.7
25	40	39	37	33	29	23	16	8
30	54	52	48	44	37	30	21	10
35	68	65	61	54	47	37	26	13
40	82	78	73	65	56	44	30	15
45	97	92	85	76	64	51	35	17
50	111	105	97	86	73	57	39	19
60	139	131	120	106	89	69	47	23
70	165	154	140	123	103	80	54	26
80	189	176	159	139	115	89	60	29
90	211	195	175	152	126	97	65	31

3. Larch

3.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	231	212	189	164	135	103	69	33
110	248	227	202	173	142	108	72	35
120	264	240	212	182	148	113	75	36
130	277	251	221	189	154	116	77	37
140	289	261	229	195	158	119	79	38
150	299	269	236	200	162	122	81	38
160	308	276	241	204	165	124	82	39
170	316	282	246	207	167	125	83	39
180	322	287	250	210	169	127	83	39
				Va Site Index				
5	0.961	0.959	0.928	0.867	0.77	0.64	0.46	0.24
10	3.68	3.65	3.52	3.27	2.89	2.38	1.72	0.90
15	7.84	7.74	7.4	6.9	6.0	4.9	3.6	1.9
20	13.15	12.92	12.3	11.3	9.9	8.1	5.8	3.0
25	19.3	18.9	18.0	16.5	14.4	11.7	8.3	4.3
30	26	26	24	22	19	15	11	6
35	34	33	31	28	24	19	14	7
40	41	40	37	34	29	23	16	8
45	49	47	44	40	34	27	19	10
50	57	55	51	46	39	31	22	11
60	73	69	64	57	49	38	27	13
70	88	83	77	68	57	45	31	16
80	103	96	88	77	65	51	35	17
90	116	108	98	86	72	56	38	19
100	129	119	108	94	78	60	41	20
110	140	129	116	100	83	64	43	21
120	150	138	123	106	88	67	45	22
130	159	146	129	111	91	70	47	23
140	167	152	135	116	95	72	48	24
150	175	158	140	119	97	74	50	24
160	181	163	144	122	100	76	50	25
170	186	168	147	125	102	77	51	25
180	191	172	150	127	103	78	52	25

3 Larch

3.3 Net increment, m^3/ha *year

AGE	DENSITY							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	4.06	3.44	2.90	2.43	2.01	1.61	1.23	0.85
10	8.29	7.17	6.17	5.26	4.41	3.59	2.78	1.94
15	11.17	9.75	8.46	7.26	6.11	4.99	3.87	2.71
20	12.71	11.16	9.72	8.36	7.05	5.75	4.45	3.10
25	13.22	11.64	10.16	8.74	7.36	5.99	4.61	3.19
30	13.00	11.47	10.01	8.60	7.23	5.86	4.48	3.08
35	12.31	10.87	9.49	8.14	6.81	5.49	4.17	2.84
40	11.35	10.03	8.75	7.48	6.24	5.00	3.77	2.55
45	10.26	9.07	7.90	6.74	5.59	4.46	3.34	2.24
50	9.14	8.08	7.02	5.97	4.93	3.91	2.91	1.93
60	7.02	6.20	5.37	4.54	3.71	2.91	2.13	1.39
70	5.25	4.62	3.99	3.35	2.71	2.10	1.51	0.97
80	3.84	3.38	2.90	2.42	1.94	1.48	1.05	0.66
90	2.78	2.44	2.09	1.73	1.37	1.04	0.73	0.45
100	2.00	1.75	1.49	1.22	0.96	0.72	0.50	0.30
110	1.42	1.24	1.05	0.86	0.67	0.49	0.34	0.20
120	1.01	0.88	0.74	0.60	0.47	0.34	0.23	0.13
130	0.72	0.62	0.52	0.42	0.32	0.23	0.15	0.09
140	0.51	0.44	0.37	0.29	0.22	0.16	0.10	0.06
150	0.36	0.31	0.26	0.20	0.15	0.11	0.07	0.04
160	0.25	0.22	0.18	0.14	0.11	0.07	0.05	0.03
170	0.18	0.15	0.13	0.10	0.07	0.05	0.03	0.02
180	0.13	0.11	0.09	0.07	0.05	0.03	0.02	0.01
				I Site Index				
5	4.40	3.71	3.12	2.60	2.13	1.68	1.26	0.83
10	7.08	6.09	5.21	4.41	3.67	2.95	2.23	1.49
15	8.61	7.47	6.45	5.50	4.59	3.71	2.81	1.89
20	9.34	8.15	7.06	6.04	5.05	4.08	3.09	2.06
25	9.52	8.34	7.24	6.20	5.18	4.17	3.15	2.09
30	9.34	8.20	7.13	6.10	5.09	4.08	3.06	2.02
35	8.93	7.85	6.82	5.83	4.85	3.87	2.89	1.90
40	8.38	7.38	6.40	5.46	4.53	3.60	2.67	1.74
45	7.75	6.83	5.92	5.03	4.16	3.29	2.42	1.56
50	7.10	6.25	5.41	4.59	3.78	2.97	2.17	1.39
60	5.81	5.11	4.41	3.72	3.03	2.36	1.70	1.07
70	4.65	4.09	3.51	2.94	2.38	1.83	1.30	0.80
80	3.67	3.22	2.75	2.29	1.83	1.39	0.97	0.59
90	2.86	2.50	2.14	1.76	1.40	1.05	0.72	0.43
100	2.22	1.94	1.64	1.35	1.06	0.78	0.53	0.31
110	1.71	1.49	1.26	1.02	0.80	0.58	0.39	0.23
120	1.31	1.14	0.96	0.77	0.60	0.43	0.29	0.16
130	1.00	0.87	0.73	0.58	0.45	0.32	0.21	0.12
140	0.77	0.66	0.55	0.44	0.33	0.23	0.15	0.08
150	0.58	0.50	0.42	0.33	0.25	0.17	0.11	0.06

3 Larch

3.3 Net increment, m^3/ha *year

AGE	DENSITY							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.44	0.38	0.31	0.25	0.18	0.13	0.08	0.04
170	0.34	0.29	0.24	0.19	0.14	0.09	0.06	0.03
180	0.26	0.22	0.18	0.14	0.10	0.07	0.04	0.02
				II Site Index				
5		3.44	2.88	2.38	1.94	1.51	1.10	0.69
10	5.63	4.82	4.10	3.45	2.84	2.25	1.66	1.05
15	6.39	5.52	4.73	4.01	3.32	2.65	1.96	1.24
20	6.71	5.83	5.02	4.26	3.54	2.82	2.09	1.32
25	6.76	5.88	5.08	4.32	3.58	2.85	2.10	1.32
30	6.62	5.78	4.99	4.25	3.52	2.79	2.05	1.28
35	6.37	5.57	4.81	4.09	3.38	2.67	1.95	1.21
40	6.05	5.29	4.57	3.88	3.19	2.51	1.82	1.12
45	5.69	4.98	4.30	3.64	2.98	2.34	1.68	1.03
50	5.30	4.65	4.01	3.38	2.76	2.15	1.54	0.94
60	4.54	3.97	3.42	2.87	2.33	1.79	1.27	0.76
70	3.82	3.34	2.86	2.39	1.92	1.46	1.02	0.60
80	3.18	2.78	2.37	1.96	1.56	1.18	0.81	0.47
90	2.62	2.29	1.94	1.60	1.26	0.94	0.64	0.36
100	2.15	1.87	1.58	1.29	1.01	0.74	0.50	0.28
110	1.76	1.53	1.28	1.04	0.81	0.59	0.39	0.21
120	1.43	1.24	1.04	0.84	0.64	0.46	0.30	0.16
130	1.16	1.00	0.84	0.67	0.51	0.36	0.23	0.12
140	0.94	0.81	0.67	0.53	0.40	0.28	0.18	0.09
150	0.76	0.65	0.54	0.43	0.32	0.22	0.14	0.07
160	0.61	0.53	0.43	0.34	0.25	0.17	0.11	0.05
170	0.50	0.42	0.35	0.27	0.20	0.13	0.08	0.04
180	0.40	0.34	0.28	0.21	0.15	0.10	0.06	0.03
				III Site Index				
5			2.16	1.78	1.44	1.11	0.79	0.46
10		3.40	2.88	2.41	1.97	1.54	1.11	0.65
15	4.43	3.80	3.25	2.73	2.25	1.76	1.27	0.74
20	4.62	3.98	3.41	2.88	2.37	1.86	1.34	0.78
25	4.65	4.03	3.46	2.92	2.40	1.88	1.35	0.79
30	4.59	3.98	3.42	2.89	2.37	1.85	1.32	0.77
35	4.46	3.87	3.33	2.81	2.30	1.79	1.27	0.73
40	4.29	3.73	3.20	2.70	2.20	1.71	1.20	0.69
45	4.09	3.56	3.05	2.57	2.09	1.61	1.13	0.64
50	3.88	3.37	2.89	2.43	1.97	1.51	1.05	0.59
60	3.44	2.99	2.55	2.13	1.71	1.30	0.89	0.50
70	3.00	2.61	2.22	1.84	1.47	1.10	0.75	0.41
80	2.60	2.26	1.91	1.58	1.25	0.92	0.62	0.33
90	2.24	1.94	1.63	1.34	1.05	0.77	0.51	0.27
100	1.91	1.65	1.39	1.13	0.87	0.63	0.41	0.21
110	1.63	1.40	1.17	0.95	0.73	0.52	0.33	0.17
120	1.38	1.19	0.99	0.79	0.60	0.43	0.27	0.14

3 Larch

3.3 Net increment, m^3/ha *year

AGE	DENSITY							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	1.17	1.00	0.83	0.66	0.50	0.35	0.22	0.11
140	0.99	0.85	0.70	0.55	0.41	0.28	0.17	0.08
150	0.83	0.71	0.58	0.46	0.34	0.23	0.14	0.07
160	0.70	0.60	0.49	0.38	0.28	0.19	0.11	0.05
170	0.59	0.50	0.41	0.31	0.23	0.15	0.09	0.04
180	0.50	0.42	0.34	0.26	0.19	0.12	0.07	0.03
				IV Site Index				
5		1.52	1.26	1.04	0.83	0.63	0.43	0.22
10	2.43	2.06	1.74	1.45	1.17	0.90	0.62	0.33
15	2.77	2.36	2.01	1.68	1.37	1.05	0.73	0.38
20	2.96	2.53	2.16	1.81	1.47	1.13	0.78	0.41
25	3.04	2.61	2.23	1.87	1.52	1.17	0.80	0.42
30	3.06	2.63	2.24	1.88	1.53	1.17	0.80	0.41
35	3.03	2.61	2.22	1.86	1.51	1.15	0.78	0.40
40	2.96	2.55	2.18	1.82	1.47	1.12	0.75	0.38
45	2.88	2.48	2.11	1.76	1.42	1.07	0.72	0.36
50	2.77	2.39	2.03	1.69	1.35	1.02	0.68	0.34
60	2.54	2.19	1.85	1.53	1.22	0.90	0.60	0.29
70	2.29	1.97	1.66	1.37	1.08	0.79	0.51	0.25
80	2.04	1.76	1.48	1.20	0.94	0.68	0.44	0.21
90	1.81	1.55	1.30	1.05	0.81	0.58	0.37	0.17
100	1.59	1.36	1.13	0.91	0.70	0.49	0.31	0.14
110	1.40	1.19	0.99	0.79	0.60	0.42	0.26	0.12
120	1.22	1.04	0.86	0.68	0.51	0.35	0.21	0.09
130	1.06	0.90	0.74	0.58	0.43	0.29	0.18	0.08
140	0.92	0.78	0.64	0.50	0.37	0.25	0.14	0.06
150	0.80	0.67	0.55	0.42	0.31	0.21	0.12	0.05
160	0.69	0.58	0.47	0.36	0.26	0.17	0.10	0.04
170	0.60	0.50	0.40	0.31	0.22	0.14	0.08	0.03
180	0.52	0.43	0.34	0.26	0.18	0.12	0.07	0.03
				V Site Index				
5	0.80	0.66	0.55	0.45	0.36	0.26	0.17	0.07
10	1.23	1.03	0.86	0.71	0.57	0.43	0.28	0.11
15	1.52	1.28	1.08	0.89	0.71	0.54	0.35	0.14
20	1.71	1.45	1.22	1.01	0.81	0.61	0.39	0.16
25	1.84	1.56	1.32	1.09	0.87	0.65	0.42	0.17
30	1.91	1.63	1.37	1.13	0.90	0.67	0.43	0.17
35	1.95	1.66	1.40	1.15	0.92	0.68	0.43	0.17
40	1.96	1.66	1.40	1.15	0.91	0.67	0.42	0.17
45	1.94	1.65	1.39	1.14	0.90	0.66	0.41	0.16
50	1.91	1.62	1.36	1.11	0.87	0.63	0.39	0.15
60	1.81	1.53	1.28	1.04	0.81	0.58	0.36	0.14
70	1.67	1.42	1.18	0.95	0.73	0.52	0.31	0.12
80	1.53	1.30	1.07	0.86	0.65	0.46	0.27	0.10
90	1.38	1.17	0.96	0.76	0.58	0.40	0.23	0.08

3 Larch

3.3 Net increment, m^3/ha *year

AGE	DENSITY							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	1.24	1.05	0.86	0.67	0.50	0.34	0.20	0.07
110	1.11	0.93	0.76	0.59	0.44	0.29	0.17	0.06
120	0.98	0.82	0.67	0.52	0.38	0.25	0.14	0.05
130	0.87	0.72	0.58	0.45	0.32	0.21	0.12	0.04
140	0.76	0.63	0.51	0.39	0.28	0.18	0.10	0.03
150	0.67	0.56	0.44	0.33	0.24	0.15	0.08	0.03
160	0.59	0.48	0.38	0.29	0.20	0.13	0.07	0.02
170	0.51	0.42	0.33	0.25	0.17	0.11	0.06	0.02
180	0.45	0.37	0.29	0.21	0.15	0.09	0.05	0.01
				Va Site Index				
5	0.256	0.209	0.169	0.135	0.102	0.071	0.039	0.004
10	0.498	0.411	0.336	0.269	0.206	0.144	0.078	0.009
15	0.701	0.580	0.476	0.382	0.293	0.204	0.111	0.013
20	0.862	0.715	0.588	0.472	0.361	0.250	0.136	0.016
25	0.987	0.819	0.673	0.539	0.411	0.283	0.153	0.017
30	1.078	0.896	0.735	0.588	0.446	0.306	0.163	0.019
35	1.142	0.949	0.777	0.619	0.468	0.319	0.169	0.019
40	1.183	0.982	0.803	0.637	0.479	0.324	0.171	0.019
45	1.203	0.998	0.814	0.644	0.482	0.324	0.169	0.019
50	1.208	1.001	0.815	0.642	0.477	0.319	0.165	0.018
60	1.180	0.976	0.790	0.617	0.454	0.299	0.152	0.016
70	1.120	0.923	0.743	0.575	0.418	0.271	0.136	0.014
80	1.040	0.854	0.684	0.525	0.377	0.241	0.119	0.012
90	0.950	0.778	0.619	0.471	0.335	0.211	0.102	0.010
100	0.858	0.700	0.554	0.418	0.293	0.182	0.087	0.009
110	0.767	0.624	0.491	0.367	0.255	0.156	0.073	0.007
120	0.681	0.553	0.431	0.320	0.219	0.133	0.061	0.006
130	0.601	0.486	0.377	0.277	0.188	0.112	0.051	0.005
140	0.528	0.425	0.328	0.239	0.160	0.094	0.042	0.004
150	0.462	0.371	0.284	0.205	0.136	0.079	0.035	0.003
160	0.403	0.322	0.245	0.176	0.115	0.066	0.028	0.003
170	0.350	0.279	0.211	0.150	0.097	0.055	0.023	0.002
180	0.304	0.241	0.182	0.128	0.082	0.046	0.019	0.002

3. Larch

3.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	5.58	5.38	5.09	4.72	4.26	3.71	3.08	2.35
10	9.84	9.56	9.12	8.51	7.73	6.78	5.65	4.35
15	12.71	12.33	11.74	10.93	9.91	8.66	7.21	5.53
20	14.46	13.95	13.21	12.24	11.03	9.59	7.93	6.05
25	15.35	14.71	13.83	12.72	11.38	9.82	8.06	6.10
30	15.60	14.83	13.84	12.62	11.20	9.59	7.80	5.85
35	15.40	14.52	13.42	12.14	10.67	9.06	7.30	5.43
40	14.88	13.90	12.74	11.41	9.95	8.36	6.68	4.92
45	14.15	13.10	11.89	10.56	9.11	7.59	6.00	4.38
50	13.30	12.19	10.97	9.64	8.24	6.80	5.33	3.85
60	11.42	10.28	9.07	7.82	6.56	5.30	4.08	2.89
70	9.56	8.44	7.30	6.18	5.08	4.03	3.04	2.12
80	7.86	6.81	5.78	4.80	3.87	3.02	2.23	1.52
90	6.39	5.43	4.52	3.68	2.92	2.23	1.62	1.09
100	5.14	4.28	3.50	2.80	2.18	1.63	1.17	0.77
110	4.11	3.36	2.70	2.12	1.62	1.19	0.84	0.54
120	3.27	2.62	2.07	1.60	1.20	0.87	0.60	0.38
130	2.59	2.04	1.58	1.20	0.88	0.63	0.42	0.27
140	2.04	1.58	1.20	0.90	0.65	0.45	0.30	0.19
150	1.61	1.23	0.92	0.67	0.48	0.33	0.21	0.13
160	1.27	0.95	0.70	0.50	0.35	0.24	0.15	0.09
170	1.00	0.73	0.53	0.37	0.26	0.17	0.11	0.06
180	0.78	0.56	0.40	0.28	0.19	0.12	0.08	0.04
				I Site Index				
5	4.70	4.53	4.27	3.93	3.52	3.02	2.44	1.78
10	7.93	7.67	7.27	6.73	6.05	5.21	4.23	3.10
15	10.04	9.70	9.17	8.47	7.59	6.52	5.28	3.85
20	11.33	10.88	10.24	9.40	8.38	7.16	5.76	4.18
25	11.99	11.44	10.69	9.76	8.63	7.33	5.85	4.22
30	12.20	11.55	10.72	9.70	8.52	7.18	5.69	4.06
35	12.08	11.35	10.44	9.38	8.16	6.82	5.36	3.80
40	11.73	10.93	9.97	8.88	7.66	6.35	4.95	3.47
45	11.22	10.37	9.38	8.28	7.08	5.82	4.49	3.13
50	10.61	9.72	8.72	7.63	6.47	5.26	4.03	2.78
60	9.26	8.33	7.34	6.31	5.26	4.20	3.16	2.14
70	7.89	6.97	6.03	5.09	4.17	3.27	2.42	1.61
80	6.61	5.74	4.88	4.05	3.25	2.51	1.82	1.19
90	5.47	4.67	3.90	3.18	2.51	1.90	1.36	0.87
100	4.49	3.76	3.09	2.47	1.92	1.43	1.00	0.63
110	3.66	3.01	2.43	1.91	1.46	1.07	0.74	0.46
120	2.97	2.40	1.90	1.47	1.11	0.80	0.54	0.33
130	2.40	1.91	1.49	1.13	0.84	0.59	0.40	0.24
140	1.93	1.51	1.16	0.87	0.63	0.44	0.29	0.17
150	1.55	1.19	0.90	0.66	0.47	0.33	0.21	0.12

3. Larch

3.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	1.24	0.94	0.70	0.51	0.36	0.24	0.15	0.09
170	1.00	0.74	0.54	0.39	0.27	0.18	0.11	0.06
180	0.80	0.58	0.42	0.29	0.20	0.13	0.08	0.04
				II Site Index				
5		3.52	3.31	3.04	2.69	2.27	1.78	1.22
10	6.01	5.80	5.48	5.03	4.47	3.79	2.98	2.04
15	7.55	7.27	6.84	6.27	5.55	4.68	3.67	2.51
20	8.50	8.14	7.62	6.95	6.12	5.13	4.00	2.72
25	9.02	8.58	7.98	7.23	6.32	5.27	4.08	2.75
30	9.22	8.71	8.04	7.23	6.27	5.19	3.99	2.67
35	9.18	8.61	7.89	7.03	6.06	4.97	3.79	2.52
40	8.98	8.35	7.59	6.72	5.74	4.67	3.53	2.33
45	8.66	7.99	7.20	6.32	5.36	4.33	3.24	2.12
50	8.26	7.56	6.76	5.88	4.94	3.96	2.95	1.91
60	7.34	6.60	5.81	4.97	4.11	3.24	2.37	1.51
70	6.37	5.63	4.87	4.10	3.34	2.59	1.86	1.17
80	5.44	4.73	4.03	3.33	2.67	2.03	1.44	0.89
90	4.59	3.93	3.29	2.68	2.11	1.58	1.10	0.67
100	3.84	3.23	2.66	2.13	1.65	1.22	0.83	0.50
110	3.19	2.64	2.14	1.69	1.29	0.93	0.63	0.37
120	2.64	2.15	1.71	1.33	1.00	0.71	0.47	0.27
130	2.17	1.74	1.37	1.05	0.77	0.54	0.36	0.20
140	1.78	1.41	1.09	0.82	0.60	0.41	0.27	0.15
150	1.46	1.14	0.86	0.64	0.46	0.31	0.20	0.11
160	1.19	0.91	0.68	0.50	0.35	0.24	0.15	0.08
170	0.97	0.73	0.54	0.39	0.27	0.18	0.11	0.06
180	0.79	0.59	0.43	0.30	0.21	0.14	0.08	0.04
				III Site Index				
5			2.34	2.14	1.88	1.56	1.19	0.75
10		4.08	3.84	3.51	3.09	2.56	1.94	1.23
15	5.33	5.12	4.81	4.37	3.83	3.17	2.39	1.50
20	6.04	5.77	5.38	4.87	4.24	3.49	2.62	1.63
25	6.46	6.13	5.68	5.11	4.42	3.61	2.69	1.67
30	6.65	6.27	5.77	5.15	4.42	3.59	2.66	1.63
35	6.69	6.26	5.72	5.07	4.32	3.48	2.55	1.56
40	6.60	6.13	5.56	4.89	4.13	3.30	2.41	1.46
45	6.43	5.93	5.33	4.65	3.90	3.10	2.24	1.35
50	6.19	5.67	5.06	4.38	3.65	2.87	2.06	1.23
60	5.61	5.05	4.44	3.79	3.10	2.41	1.70	1.00
70	4.97	4.41	3.81	3.20	2.58	1.97	1.37	0.79
80	4.33	3.78	3.22	2.66	2.12	1.59	1.09	0.62
90	3.73	3.21	2.69	2.19	1.71	1.27	0.86	0.48
100	3.18	2.69	2.23	1.78	1.38	1.00	0.67	0.37
110	2.70	2.25	1.83	1.45	1.10	0.79	0.52	0.28
120	2.27	1.87	1.50	1.17	0.87	0.62	0.40	0.21

3. Larch

3.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	1.91	1.55	1.22	0.94	0.69	0.48	0.31	0.16
140	1.60	1.27	0.99	0.75	0.55	0.38	0.24	0.12
150	1.33	1.05	0.80	0.60	0.43	0.29	0.18	0.09
160	1.11	0.86	0.65	0.48	0.34	0.23	0.14	0.07
170	0.92	0.71	0.53	0.38	0.27	0.18	0.11	0.05
180	0.77	0.58	0.43	0.30	0.21	0.14	0.08	0.04
				IV Site Index				
5		1.57	1.48	1.35	1.18	0.97	0.71	0.40
10	2.70	2.61	2.46	2.24	1.95	1.59	1.16	0.65
15	3.46	3.33	3.12	2.83	2.45	1.99	1.44	0.81
20	3.97	3.80	3.54	3.19	2.75	2.22	1.60	0.89
25	4.31	4.09	3.78	3.38	2.90	2.32	1.66	0.92
30	4.49	4.24	3.89	3.46	2.94	2.34	1.66	0.91
35	4.58	4.29	3.91	3.45	2.91	2.30	1.62	0.89
40	4.57	4.25	3.85	3.37	2.82	2.21	1.55	0.84
45	4.51	4.16	3.74	3.25	2.70	2.10	1.46	0.79
50	4.39	4.03	3.59	3.10	2.56	1.98	1.36	0.73
60	4.07	3.68	3.23	2.75	2.24	1.70	1.16	0.61
70	3.69	3.28	2.84	2.38	1.91	1.43	0.96	0.50
80	3.29	2.88	2.46	2.03	1.60	1.19	0.78	0.40
90	2.89	2.50	2.10	1.71	1.33	0.97	0.63	0.32
100	2.52	2.15	1.78	1.43	1.10	0.79	0.51	0.25
110	2.18	1.83	1.50	1.19	0.90	0.64	0.40	0.20
120	1.88	1.55	1.25	0.98	0.73	0.51	0.32	0.15
130	1.61	1.31	1.04	0.80	0.59	0.41	0.25	0.12
140	1.37	1.10	0.87	0.66	0.48	0.33	0.20	0.09
150	1.17	0.93	0.72	0.54	0.39	0.26	0.16	0.07
160	0.99	0.78	0.59	0.44	0.31	0.21	0.12	0.06
170	0.84	0.65	0.49	0.36	0.25	0.16	0.10	0.04
180	0.71	0.54	0.40	0.29	0.20	0.13	0.08	0.03
				V Site Index				
5	0.874	0.855	0.812	0.744	0.649	0.526	0.373	0.189
10	1.52	1.48	1.39	1.27	1.10	0.89	0.63	0.32
15	1.99	1.93	1.81	1.64	1.42	1.14	0.80	0.40
20	2.34	2.25	2.10	1.89	1.62	1.29	0.90	0.45
25	2.59	2.47	2.29	2.05	1.74	1.38	0.95	0.47
30	2.75	2.61	2.40	2.13	1.80	1.41	0.97	0.48
35	2.85	2.68	2.45	2.16	1.81	1.41	0.96	0.47
40	2.89	2.70	2.45	2.14	1.78	1.38	0.94	0.45
45	2.89	2.68	2.41	2.10	1.74	1.33	0.90	0.43
50	2.86	2.63	2.35	2.03	1.67	1.27	0.85	0.41
60	2.72	2.47	2.18	1.85	1.50	1.13	0.74	0.35
70	2.53	2.26	1.97	1.65	1.32	0.98	0.64	0.30
80	2.30	2.03	1.75	1.44	1.14	0.83	0.54	0.25
90	2.07	1.81	1.53	1.25	0.97	0.70	0.44	0.20

3. Larch

3.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	1.85	1.59	1.33	1.07	0.82	0.59	0.37	0.16
110	1.63	1.39	1.14	0.91	0.69	0.49	0.30	0.13
120	1.44	1.20	0.98	0.77	0.57	0.40	0.24	0.11
130	1.26	1.04	0.83	0.65	0.48	0.33	0.20	0.08
140	1.09	0.89	0.71	0.54	0.40	0.27	0.16	0.07
150	0.95	0.76	0.60	0.45	0.33	0.22	0.13	0.05
160	0.82	0.65	0.51	0.38	0.27	0.18	0.10	0.04
170	0.71	0.56	0.43	0.31	0.22	0.14	0.08	0.03
180	0.61	0.47	0.36	0.26	0.18	0.12	0.07	0.03
				Va Site Index				
5	0.378	0.376	0.363	0.338	0.300	0.247	0.179	0.095
10	0.698	0.689	0.660	0.610	0.537	0.439	0.316	0.165
15	0.956	0.936	0.891	0.817	0.713	0.579	0.414	0.215
20	1.16	1.13	1.06	0.97	0.84	0.68	0.48	0.25
25	1.31	1.27	1.19	1.07	0.92	0.74	0.52	0.27
30	1.43	1.37	1.27	1.14	0.98	0.78	0.54	0.28
35	1.51	1.43	1.33	1.18	1.00	0.79	0.55	0.28
40	1.56	1.47	1.35	1.20	1.01	0.79	0.54	0.27
45	1.59	1.49	1.36	1.19	1.00	0.78	0.53	0.27
50	1.60	1.49	1.35	1.17	0.98	0.76	0.51	0.25
60	1.57	1.44	1.29	1.11	0.91	0.69	0.47	0.23
70	1.50	1.36	1.20	1.02	0.82	0.62	0.41	0.20
80	1.40	1.26	1.09	0.92	0.73	0.54	0.36	0.17
90	1.30	1.14	0.98	0.81	0.64	0.47	0.30	0.14
100	1.18	1.03	0.88	0.72	0.56	0.41	0.26	0.12
110	1.07	0.92	0.77	0.62	0.48	0.34	0.22	0.10
120	0.96	0.82	0.68	0.54	0.41	0.29	0.18	0.08
130	0.86	0.72	0.59	0.47	0.35	0.25	0.15	0.07
140	0.76	0.63	0.51	0.40	0.30	0.21	0.13	0.06
150	0.68	0.56	0.44	0.34	0.25	0.17	0.10	0.05
160	0.60	0.49	0.38	0.29	0.21	0.14	0.09	0.04
170	0.53	0.42	0.33	0.25	0.18	0.12	0.07	0.03
180	0.46	0.37	0.28	0.21	0.15	0.10	0.06	0.02

3. Larch

3.5 Mortality, m^3/ha^*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	1.52	1.94	2.19	2.29	2.25	2.10	1.85	1.50
10	1.55	2.40	2.95	3.25	3.32	3.19	2.88	2.41
15	1.55	2.58	3.28	3.67	3.79	3.67	3.34	2.82
20	1.75	2.79	3.49	3.88	3.98	3.84	3.48	2.95
25	2.13	3.07	3.67	3.98	4.02	3.83	3.45	2.91
30	2.60	3.36	3.82	4.01	3.97	3.73	3.32	2.78
35	3.09	3.64	3.93	4.00	3.86	3.57	3.13	2.59
40	3.53	3.87	3.99	3.93	3.71	3.36	2.91	2.37
45	3.89	4.03	4.00	3.82	3.52	3.13	2.67	2.15
50	4.16	4.11	3.94	3.67	3.31	2.89	2.42	1.92
60	4.40	4.07	3.69	3.28	2.84	2.40	1.95	1.50
70	4.32	3.81	3.32	2.83	2.37	1.94	1.53	1.15
80	4.02	3.43	2.88	2.38	1.93	1.53	1.18	0.86
90	3.61	2.98	2.43	1.96	1.54	1.19	0.89	0.64
100	3.14	2.54	2.02	1.58	1.22	0.92	0.67	0.47
110	2.68	2.12	1.65	1.26	0.95	0.70	0.50	0.34
120	2.25	1.74	1.33	0.99	0.73	0.53	0.37	0.24
130	1.87	1.42	1.06	0.78	0.56	0.40	0.27	0.18
140	1.54	1.14	0.84	0.60	0.43	0.30	0.20	0.13
150	1.25	0.92	0.66	0.47	0.32	0.22	0.14	0.09
160	1.01	0.73	0.52	0.36	0.24	0.16	0.10	0.06
170	0.82	0.58	0.40	0.27	0.18	0.12	0.08	0.05
180	0.66	0.46	0.31	0.21	0.14	0.09	0.06	0.03
				I Site Index				
5	0.30	0.81	1.15	1.34	1.39	1.33	1.18	0.95
10	0.85	1.58	2.06	2.32	2.38	2.27	2.00	1.60
15	1.44	2.22	2.73	2.97	3.00	2.82	2.47	1.97
20	1.99	2.73	3.18	3.37	3.33	3.09	2.67	2.12
25	2.47	3.10	3.45	3.56	3.45	3.16	2.71	2.12
30	2.85	3.35	3.59	3.61	3.43	3.10	2.62	2.04
35	3.14	3.49	3.62	3.55	3.32	2.95	2.47	1.90
40	3.34	3.55	3.57	3.42	3.14	2.75	2.28	1.74
45	3.47	3.54	3.46	3.24	2.93	2.53	2.07	1.56
50	3.52	3.47	3.30	3.04	2.69	2.30	1.86	1.39
60	3.45	3.22	2.93	2.59	2.23	1.84	1.46	1.07
70	3.24	2.89	2.52	2.15	1.79	1.45	1.12	0.81
80	2.94	2.52	2.12	1.76	1.42	1.12	0.85	0.60
90	2.61	2.16	1.76	1.41	1.11	0.85	0.63	0.44
100	2.27	1.83	1.44	1.13	0.86	0.65	0.47	0.32
110	1.95	1.52	1.17	0.89	0.66	0.49	0.35	0.23
120	1.66	1.26	0.95	0.70	0.51	0.37	0.26	0.17
130	1.39	1.04	0.76	0.55	0.39	0.27	0.19	0.12
140	1.16	0.85	0.61	0.43	0.30	0.20	0.14	0.09
150	0.97	0.69	0.48	0.33	0.23	0.15	0.10	0.06

3. Larch

3.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.80	0.56	0.38	0.26	0.17	0.11	0.07	0.05
170	0.66	0.45	0.30	0.20	0.13	0.08	0.05	0.03
180	0.54	0.36	0.24	0.16	0.10	0.06	0.04	0.02
				II Site Index				
5		0.08	0.44	0.65	0.76	0.76	0.68	0.53
10	0.38	0.99	1.38	1.58	1.63	1.53	1.31	0.99
15	1.16	1.75	2.11	2.26	2.23	2.04	1.71	1.27
20	1.79	2.32	2.60	2.68	2.58	2.31	1.91	1.40
25	2.27	2.70	2.90	2.91	2.74	2.42	1.98	1.43
30	2.60	2.93	3.05	2.98	2.76	2.40	1.94	1.39
35	2.81	3.04	3.07	2.95	2.68	2.31	1.84	1.31
40	2.93	3.06	3.02	2.84	2.55	2.16	1.71	1.21
45	2.97	3.01	2.90	2.68	2.37	1.99	1.56	1.09
50	2.95	2.91	2.75	2.50	2.18	1.81	1.40	0.97
60	2.80	2.63	2.39	2.10	1.78	1.45	1.10	0.75
70	2.54	2.29	2.01	1.72	1.42	1.12	0.84	0.57
80	2.26	1.95	1.66	1.37	1.10	0.86	0.63	0.42
90	1.96	1.64	1.34	1.08	0.84	0.64	0.46	0.31
100	1.68	1.36	1.08	0.84	0.64	0.48	0.34	0.22
110	1.43	1.12	0.86	0.65	0.48	0.35	0.24	0.16
120	1.21	0.91	0.68	0.50	0.36	0.25	0.18	0.11
130	1.01	0.74	0.53	0.38	0.26	0.18	0.12	0.08
140	0.84	0.60	0.42	0.29	0.19	0.13	0.09	0.06
150	0.70	0.48	0.32	0.22	0.14	0.09	0.06	0.04
160	0.58	0.39	0.25	0.16	0.10	0.07	0.04	0.03
170	0.48	0.31	0.20	0.12	0.07	0.05	0.03	0.02
180	0.39	0.25	0.15	0.09	0.05	0.03	0.02	0.01
				III Site Index				
5			0.18	0.36	0.44	0.45	0.40	0.29
10		0.68	0.96	1.10	1.11	1.02	0.84	0.58
15	0.90	1.32	1.56	1.64	1.58	1.41	1.12	0.76
20	1.42	1.79	1.97	1.99	1.87	1.63	1.28	0.85
25	1.80	2.10	2.22	2.19	2.01	1.73	1.34	0.88
30	2.06	2.29	2.35	2.27	2.05	1.74	1.34	0.87
35	2.23	2.39	2.39	2.26	2.02	1.69	1.29	0.83
40	2.31	2.41	2.36	2.19	1.93	1.60	1.21	0.77
45	2.34	2.37	2.28	2.09	1.82	1.49	1.11	0.70
50	2.31	2.29	2.17	1.95	1.68	1.36	1.01	0.64
60	2.17	2.07	1.89	1.66	1.39	1.10	0.81	0.50
70	1.97	1.80	1.59	1.36	1.11	0.87	0.62	0.38
80	1.73	1.53	1.31	1.09	0.87	0.67	0.47	0.29
90	1.49	1.27	1.05	0.85	0.67	0.50	0.35	0.21
100	1.27	1.04	0.84	0.66	0.50	0.37	0.26	0.15
110	1.07	0.85	0.66	0.50	0.37	0.27	0.18	0.11
120	0.89	0.68	0.51	0.37	0.27	0.19	0.13	0.08

3. Larch

3.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	0.74	0.54	0.39	0.28	0.19	0.13	0.09	0.06
140	0.61	0.43	0.30	0.20	0.14	0.09	0.06	0.04
150	0.50	0.34	0.22	0.14	0.09	0.06	0.04	0.03
160	0.41	0.26	0.16	0.10	0.06	0.04	0.03	0.02
170	0.33	0.20	0.12	0.07	0.04	0.02	0.02	0.01
180	0.27	0.16	0.09	0.04	0.02	0.01	0.01	0.01
				IV Site Index				
5		0.05	0.22	0.32	0.35	0.33	0.27	0.18
10	0.27	0.55	0.72	0.79	0.78	0.69	0.54	0.33
15	0.69	0.96	1.11	1.15	1.08	0.93	0.71	0.43
20	1.02	1.27	1.38	1.38	1.27	1.08	0.81	0.48
25	1.26	1.48	1.56	1.52	1.38	1.15	0.86	0.50
30	1.44	1.61	1.65	1.58	1.41	1.17	0.86	0.50
35	1.55	1.68	1.68	1.59	1.40	1.15	0.84	0.48
40	1.61	1.70	1.67	1.55	1.36	1.10	0.80	0.46
45	1.63	1.68	1.63	1.49	1.29	1.03	0.74	0.42
50	1.62	1.63	1.56	1.41	1.20	0.96	0.68	0.39
60	1.53	1.49	1.38	1.22	1.02	0.80	0.56	0.32
70	1.40	1.31	1.18	1.02	0.83	0.64	0.45	0.25
80	1.24	1.13	0.98	0.83	0.67	0.51	0.35	0.19
90	1.08	0.95	0.80	0.66	0.52	0.39	0.27	0.15
100	0.92	0.78	0.65	0.52	0.40	0.29	0.20	0.11
110	0.78	0.64	0.51	0.40	0.30	0.22	0.15	0.08
120	0.66	0.52	0.40	0.30	0.22	0.16	0.11	0.06
130	0.54	0.41	0.31	0.22	0.16	0.11	0.08	0.04
140	0.45	0.32	0.23	0.16	0.11	0.08	0.05	0.03
150	0.37	0.25	0.17	0.11	0.08	0.05	0.04	0.02
160	0.30	0.20	0.12	0.08	0.05	0.04	0.03	0.02
170	0.24	0.15	0.09	0.05	0.03	0.02	0.02	0.01
180	0.19	0.11	0.06	0.03	0.02	0.01	0.01	0.01
				V Site Index				
5	0.07	0.19	0.26	0.30	0.29	0.26	0.20	0.12
10	0.29	0.44	0.53	0.56	0.53	0.46	0.35	0.20
15	0.48	0.65	0.73	0.75	0.70	0.60	0.45	0.26
20	0.63	0.80	0.88	0.88	0.81	0.68	0.51	0.29
25	0.75	0.91	0.97	0.96	0.87	0.73	0.54	0.30
30	0.84	0.98	1.03	0.99	0.90	0.74	0.54	0.30
35	0.90	1.02	1.05	1.00	0.89	0.73	0.53	0.30
40	0.93	1.03	1.05	0.99	0.87	0.71	0.51	0.29
45	0.95	1.03	1.03	0.96	0.84	0.68	0.49	0.27
50	0.95	1.01	0.99	0.92	0.79	0.64	0.46	0.25
60	0.91	0.94	0.90	0.81	0.69	0.55	0.39	0.21
70	0.85	0.84	0.79	0.70	0.59	0.46	0.32	0.18
80	0.77	0.74	0.67	0.59	0.49	0.38	0.26	0.15
90	0.69	0.64	0.57	0.48	0.40	0.31	0.21	0.12

3. Larch

3.5 Mortality, $m^3/ha*year$

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	0.61	0.54	0.47	0.39	0.32	0.24	0.17	0.09
110	0.53	0.46	0.39	0.32	0.25	0.19	0.13	0.07
120	0.45	0.38	0.31	0.25	0.20	0.15	0.10	0.06
130	0.39	0.31	0.25	0.20	0.15	0.12	0.08	0.05
140	0.33	0.26	0.20	0.15	0.12	0.09	0.06	0.04
150	0.28	0.21	0.16	0.12	0.09	0.07	0.05	0.03
160	0.23	0.17	0.12	0.09	0.07	0.05	0.04	0.02
170	0.20	0.14	0.09	0.07	0.05	0.04	0.03	0.02
180	0.16	0.11	0.07	0.05	0.04	0.03	0.02	0.01
				Va Site Index				
5	0.12	0.17	0.19	0.20	0.20	0.18	0.14	0.09
10	0.20	0.28	0.32	0.34	0.33	0.30	0.24	0.16
15	0.26	0.36	0.41	0.43	0.42	0.38	0.30	0.20
20	0.30	0.41	0.48	0.50	0.48	0.43	0.34	0.23
25	0.33	0.45	0.52	0.53	0.51	0.46	0.37	0.25
30	0.35	0.47	0.54	0.56	0.53	0.47	0.38	0.26
35	0.37	0.49	0.55	0.56	0.53	0.47	0.38	0.26
40	0.38	0.49	0.55	0.56	0.53	0.47	0.37	0.25
45	0.38	0.49	0.54	0.55	0.52	0.45	0.36	0.25
50	0.39	0.49	0.53	0.53	0.50	0.44	0.35	0.24
60	0.39	0.46	0.50	0.49	0.46	0.39	0.31	0.21
70	0.38	0.44	0.45	0.44	0.41	0.35	0.28	0.18
80	0.36	0.40	0.41	0.39	0.36	0.30	0.24	0.16
90	0.35	0.37	0.36	0.34	0.31	0.26	0.20	0.13
100	0.32	0.33	0.32	0.30	0.27	0.22	0.17	0.11
110	0.30	0.30	0.28	0.26	0.23	0.19	0.14	0.09
120	0.28	0.27	0.25	0.22	0.19	0.16	0.12	0.08
130	0.26	0.24	0.21	0.19	0.16	0.13	0.10	0.06
140	0.24	0.21	0.18	0.16	0.14	0.11	0.08	0.05
150	0.21	0.19	0.16	0.14	0.12	0.09	0.07	0.04
160	0.19	0.16	0.14	0.12	0.10	0.08	0.06	0.03
170	0.18	0.14	0.12	0.10	0.08	0.06	0.05	0.03
180	0.16	0.13	0.10	0.08	0.07	0.05	0.04	0.02

3. Larch

3.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	45.015	45.645	46.266	46.877	47.476	48.063	48.636	49.194
10	20.538	20.812	21.069	21.308	21.529	21.730	21.910	22.069
15	12.463	12.620	12.759	12.879	12.979	13.059	13.118	13.155
20	8.486	8.587	8.669	8.733	8.778	8.803	8.807	8.790
25	6.148	6.216	6.267	6.300	6.315	6.310	6.287	6.244
30	4.628	4.676	4.707	4.722	4.719	4.698	4.660	4.605
35	3.575	3.609	3.627	3.630	3.617	3.587	3.542	3.481
40	2.813	2.837	2.847	2.842	2.823	2.789	2.740	2.678
45	2.242	2.260	2.264	2.254	2.232	2.196	2.147	2.087
50	1.806	1.818	1.818	1.806	1.782	1.746	1.699	1.641
60	1.198	1.203	1.199	1.185	1.161	1.127	1.085	1.035
70	0.810	0.812	0.806	0.792	0.771	0.741	0.706	0.665
80	0.555	0.555	0.549	0.536	0.518	0.493	0.464	0.431
90	0.383	0.383	0.377	0.366	0.351	0.331	0.308	0.282
100	0.266	0.265	0.260	0.251	0.239	0.223	0.205	0.185
110	0.186	0.185	0.180	0.173	0.163	0.151	0.137	0.122
120	0.130	0.129	0.125	0.120	0.112	0.102	0.092	0.080
130	0.091	0.090	0.087	0.083	0.077	0.069	0.061	0.053
140	0.064	0.063	0.061	0.057	0.053	0.047	0.041	0.035
150	0.045	0.044	0.042	0.040	0.036	0.032	0.028	0.023
160	0.032	0.031	0.030	0.028	0.025	0.022	0.019	0.015
170	0.022	0.022	0.021	0.019	0.017	0.015	0.012	0.010
180	0.016	0.015	0.014	0.013	0.012	0.010	0.008	0.007
				I Site Index				
5	36.924	37.518	38.107	38.692	39.270	39.841	40.403	40.955
10	17.187	17.452	17.704	17.942	18.167	18.376	18.569	18.745
15	10.650	10.806	10.948	11.074	11.185	11.278	11.354	11.412
20	7.412	7.515	7.604	7.676	7.732	7.772	7.794	7.798
25	5.494	5.566	5.624	5.666	5.692	5.701	5.694	5.670
30	4.236	4.288	4.326	4.349	4.356	4.348	4.324	4.285
35	3.354	3.392	3.417	3.427	3.423	3.404	3.371	3.323
40	2.706	2.735	2.751	2.753	2.741	2.716	2.677	2.625
45	2.215	2.237	2.246	2.242	2.226	2.197	2.155	2.101
50	1.833	1.849	1.854	1.846	1.827	1.796	1.753	1.700
60	1.286	1.295	1.294	1.282	1.260	1.228	1.187	1.137
70	0.923	0.928	0.923	0.910	0.888	0.858	0.821	0.777
80	0.673	0.674	0.669	0.656	0.635	0.608	0.575	0.537
90	0.495	0.496	0.490	0.477	0.459	0.435	0.407	0.375
100	0.368	0.367	0.361	0.350	0.334	0.313	0.290	0.263
110	0.274	0.273	0.268	0.258	0.244	0.227	0.207	0.186
120	0.206	0.204	0.199	0.191	0.179	0.165	0.149	0.131
130	0.154	0.153	0.149	0.141	0.132	0.120	0.107	0.093
140	0.116	0.115	0.111	0.105	0.097	0.088	0.077	0.066
150	0.088	0.087	0.083	0.078	0.072	0.064	0.056	0.047

3. Larch

3.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.066	0.065	0.063	0.058	0.053	0.047	0.040	0.033
170	0.050	0.049	0.047	0.044	0.039	0.034	0.029	0.024
180	0.038	0.037	0.035	0.032	0.029	0.025	0.021	0.017
				II Site Index				
5		32.160	32.711	33.260	33.807	34.349	34.887	35.418
10	14.940	15.190	15.430	15.660	15.879	16.086	16.280	16.460
15	9.405	9.556	9.694	9.820	9.933	10.031	10.115	10.182
20	6.655	6.756	6.845	6.920	6.981	7.028	7.059	7.075
25	5.018	5.090	5.150	5.196	5.228	5.245	5.247	5.235
30	3.937	3.991	4.031	4.059	4.073	4.072	4.057	4.028
35	3.174	3.215	3.243	3.258	3.260	3.248	3.222	3.183
40	2.610	2.641	2.660	2.666	2.660	2.641	2.608	2.563
45	2.178	2.202	2.214	2.215	2.203	2.178	2.142	2.094
50	1.839	1.857	1.864	1.860	1.845	1.817	1.779	1.729
60	1.344	1.355	1.356	1.346	1.326	1.296	1.257	1.208
70	1.007	1.013	1.010	0.998	0.977	0.947	0.908	0.863
80	0.767	0.771	0.765	0.752	0.731	0.702	0.667	0.626
90	0.592	0.593	0.587	0.574	0.554	0.527	0.495	0.459
100	0.461	0.461	0.454	0.441	0.423	0.399	0.370	0.339
110	0.361	0.360	0.354	0.342	0.325	0.304	0.279	0.251
120	0.285	0.283	0.277	0.266	0.251	0.232	0.211	0.187
130	0.225	0.224	0.218	0.208	0.194	0.178	0.160	0.140
140	0.179	0.177	0.172	0.163	0.151	0.137	0.121	0.105
150	0.142	0.141	0.136	0.128	0.118	0.106	0.092	0.079
160	0.113	0.112	0.107	0.101	0.092	0.081	0.070	0.059
170	0.091	0.089	0.085	0.079	0.072	0.063	0.054	0.044
180	0.072	0.071	0.068	0.062	0.056	0.049	0.041	0.033
				III Site Index				
5			30.286	30.791	31.295	31.796	32.295	32.789
10		14.217	14.440	14.653	14.857	15.051	15.232	15.402
15	8.904	9.044	9.173	9.291	9.397	9.490	9.569	9.634
20	6.373	6.468	6.551	6.622	6.680	6.725	6.756	6.772
25	4.862	4.930	4.987	5.031	5.062	5.079	5.082	5.071
30	3.861	3.912	3.951	3.978	3.991	3.992	3.978	3.950
35	3.152	3.191	3.218	3.233	3.235	3.224	3.199	3.162
40	2.625	2.655	2.674	2.680	2.674	2.655	2.624	2.580
45	2.219	2.243	2.255	2.255	2.244	2.220	2.184	2.137
50	1.899	1.917	1.924	1.920	1.905	1.877	1.839	1.789
60	1.432	1.400	1.367	1.334	1.301	1.268	1.234	1.201
70	1.105	1.071	1.037	1.004	0.970	0.937	0.904	0.871
80	0.869	0.835	0.801	0.768	0.735	0.704	0.672	0.642
90	0.692	0.659	0.626	0.595	0.564	0.535	0.506	0.478
100	0.557	0.525	0.495	0.465	0.437	0.410	0.384	0.359
110	0.451	0.422	0.393	0.366	0.341	0.316	0.293	0.271
120	0.368	0.341	0.314	0.290	0.267	0.245	0.225	0.206

3. Larch

3.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	0.302	0.276	0.253	0.230	0.210	0.191	0.173	0.157
140	0.248	0.225	0.204	0.184	0.166	0.149	0.134	0.120
150	0.205	0.184	0.165	0.147	0.131	0.116	0.103	0.091
160	0.170	0.151	0.133	0.118	0.104	0.091	0.080	0.070
170	0.141	0.124	0.108	0.094	0.082	0.072	0.062	0.054
180	0.117	0.102	0.088	0.076	0.065	0.056	0.048	0.041
				IV Site Index				
5		30.510	30.963	31.415	31.866	32.314	32.760	33.202
10	14.452	14.658	14.856	15.044	15.223	15.391	15.548	15.693
15	9.260	9.385	9.499	9.601	9.690	9.767	9.830	9.879
20	6.672	6.756	6.829	6.888	6.935	6.968	6.986	6.990
25	5.125	5.186	5.234	5.269	5.290	5.298	5.291	5.270
30	4.099	4.144	4.176	4.195	4.201	4.193	4.171	4.135
35	3.370	3.404	3.426	3.434	3.429	3.411	3.379	3.334
40	2.828	2.853	2.867	2.868	2.856	2.831	2.792	2.741
45	2.409	2.429	2.436	2.432	2.414	2.384	2.342	2.288
50	2.076	2.092	2.095	2.086	2.065	2.032	1.987	1.931
60	1.585	1.594	1.591	1.577	1.552	1.515	1.468	1.412
70	1.243	1.247	1.241	1.224	1.196	1.159	1.112	1.057
80	0.993	0.994	0.985	0.967	0.939	0.903	0.858	0.806
90	0.811	0.770	0.730	0.691	0.653	0.617	0.582	0.549
100	0.664	0.625	0.587	0.550	0.515	0.482	0.450	0.420
110	0.549	0.511	0.476	0.442	0.409	0.379	0.350	0.323
120	0.456	0.421	0.388	0.356	0.327	0.299	0.274	0.250
130	0.382	0.349	0.318	0.289	0.262	0.238	0.215	0.194
140	0.321	0.290	0.261	0.235	0.211	0.189	0.169	0.151
150	0.270	0.242	0.216	0.192	0.170	0.151	0.133	0.118
160	0.228	0.202	0.178	0.157	0.138	0.121	0.105	0.092
170	0.194	0.169	0.148	0.129	0.112	0.097	0.083	0.072
180	0.164	0.142	0.123	0.106	0.091	0.078	0.066	0.056
				V Site Index				
5	34.007	34.401	34.794	35.184	35.572	35.956	36.335	36.709
10	16.384	16.560	16.727	16.882	17.026	17.158	17.276	17.381
15	10.520	10.624	10.716	10.795	10.859	10.909	10.944	10.963
20	7.596	7.665	7.720	7.761	7.787	7.798	7.793	7.772
25	5.847	5.895	5.929	5.948	5.952	5.941	5.914	5.871
30	4.687	4.721	4.741	4.747	4.737	4.712	4.672	4.616
35	3.862	3.887	3.898	3.894	3.875	3.841	3.793	3.730
40	3.248	3.266	3.269	3.259	3.234	3.194	3.141	3.073
45	2.773	2.786	2.785	2.769	2.740	2.697	2.640	2.570
50	2.397	2.405	2.400	2.382	2.349	2.304	2.245	2.175
60	1.839	1.842	1.832	1.809	1.774	1.726	1.667	1.597
70	1.449	1.448	1.435	1.411	1.374	1.327	1.269	1.202
80	1.163	1.160	1.146	1.121	1.084	1.038	0.984	0.921
90	0.947	0.943	0.928	0.902	0.867	0.824	0.772	0.714

3. Larch

3.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	0.780	0.774	0.759	0.734	0.701	0.660	0.612	0.559
110	0.647	0.641	0.626	0.603	0.571	0.533	0.489	0.441
120	0.541	0.535	0.520	0.498	0.468	0.432	0.392	0.349
130	0.455	0.448	0.434	0.413	0.385	0.353	0.316	0.278
140	0.384	0.377	0.364	0.344	0.319	0.289	0.256	0.222
150	0.325	0.319	0.306	0.288	0.265	0.237	0.208	0.178
160	0.276	0.270	0.259	0.241	0.220	0.196	0.169	0.143
170	0.235	0.230	0.219	0.203	0.183	0.161	0.138	0.114
180	0.201	0.196	0.185	0.171	0.153	0.133	0.113	0.092
				Va Site Index				
5	41.091	41.423	41.750	42.071	42.385	42.692	42.991	43.282
10	19.752	19.894	20.023	20.138	20.237	20.322	20.390	20.441
15	12.653	12.733	12.797	12.845	12.875	12.888	12.882	12.859
20	9.114	9.164	9.196	9.211	9.209	9.188	9.148	9.091
25	6.999	7.031	7.045	7.042	7.021	6.981	6.924	6.848
30	5.596	5.616	5.619	5.604	5.572	5.522	5.454	5.369
35	4.600	4.612	4.607	4.585	4.545	4.489	4.415	4.325
40	3.858	3.864	3.854	3.827	3.783	3.722	3.645	3.553
45	3.285	3.288	3.273	3.243	3.196	3.133	3.055	2.962
50	2.831	2.830	2.813	2.781	2.732	2.668	2.590	2.498
60	2.160	2.155	2.135	2.100	2.050	1.986	1.910	1.822
70	1.692	1.685	1.663	1.627	1.578	1.517	1.444	1.362
80	1.351	1.342	1.319	1.284	1.237	1.179	1.111	1.036
90	1.093	1.083	1.061	1.027	0.983	0.929	0.866	0.797
100	0.894	0.884	0.862	0.830	0.789	0.738	0.681	0.619
110	0.737	0.727	0.707	0.677	0.638	0.592	0.540	0.484
120	0.612	0.602	0.583	0.555	0.519	0.477	0.430	0.381
130	0.511	0.501	0.483	0.457	0.424	0.386	0.344	0.300
140	0.428	0.419	0.402	0.378	0.348	0.314	0.276	0.238
150	0.360	0.352	0.336	0.314	0.286	0.255	0.222	0.189
160	0.304	0.296	0.281	0.261	0.236	0.209	0.179	0.150
170	0.257	0.249	0.236	0.218	0.195	0.171	0.145	0.119
180	0.218	0.211	0.198	0.182	0.162	0.140	0.117	0.095

3. Larch

3.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	39.307	39.727	40.143	40.555	40.961	41.364	41.762	42.156
10	18.446	18.561	18.673	18.780	18.884	18.984	19.081	19.174
15	11.527	11.546	11.562	11.575	11.585	11.591	11.596	11.597
20	8.094	8.069	8.041	8.011	7.979	7.944	7.908	7.869
25	6.055	6.006	5.956	5.904	5.850	5.795	5.739	5.681
30	4.712	4.650	4.588	4.524	4.459	4.394	4.328	4.261
35	3.767	3.698	3.629	3.559	3.489	3.419	3.349	3.278
40	3.071	2.999	2.926	2.854	2.782	2.710	2.639	2.569
45	2.540	2.466	2.393	2.321	2.249	2.178	2.108	2.039
50	2.125	2.051	1.979	1.907	1.837	1.769	1.701	1.635
60	1.524	1.454	1.386	1.319	1.255	1.193	1.133	1.075
70	1.119	1.054	0.992	0.933	0.876	0.821	0.769	0.720
80	0.836	0.777	0.722	0.669	0.620	0.573	0.529	0.488
90	0.631	0.579	0.530	0.485	0.443	0.404	0.367	0.334
100	0.480	0.435	0.393	0.354	0.318	0.286	0.257	0.230
110	0.368	0.328	0.292	0.260	0.230	0.204	0.180	0.159
120	0.283	0.249	0.219	0.191	0.167	0.145	0.126	0.110
130	0.219	0.190	0.164	0.141	0.121	0.104	0.089	0.076
140	0.170	0.145	0.123	0.104	0.088	0.075	0.063	0.053
150	0.132	0.111	0.093	0.077	0.064	0.054	0.044	0.037
160	0.102	0.085	0.070	0.057	0.047	0.038	0.031	0.026
170	0.080	0.065	0.053	0.043	0.034	0.028	0.022	0.018
180	0.062	0.050	0.040	0.032	0.025	0.020	0.016	0.012
				I Site Index				
5	37.714	38.056	38.394	38.728	39.059	39.387	39.711	40.032
10	17.785	17.873	17.958	18.040	18.119	18.195	18.268	18.339
15	11.171	11.178	11.183	11.186	11.187	11.185	11.181	11.175
20	7.885	7.856	7.825	7.792	7.757	7.721	7.683	7.644
25	5.930	5.881	5.831	5.780	5.727	5.674	5.619	5.564
30	4.641	4.581	4.521	4.460	4.398	4.335	4.272	4.209
35	3.732	3.666	3.600	3.534	3.467	3.401	3.334	3.268
40	3.060	2.991	2.923	2.854	2.786	2.718	2.651	2.584
45	2.547	2.477	2.407	2.338	2.270	2.203	2.137	2.072
50	2.144	2.074	2.005	1.937	1.870	1.805	1.741	1.678
60	1.558	1.491	1.425	1.362	1.300	1.240	1.182	1.126
70	1.160	1.097	1.037	0.979	0.923	0.870	0.819	0.771
80	0.878	0.821	0.767	0.715	0.666	0.620	0.576	0.535
90	0.673	0.621	0.573	0.528	0.485	0.446	0.409	0.374
100	0.520	0.474	0.432	0.392	0.356	0.323	0.292	0.264
110	0.405	0.364	0.327	0.294	0.263	0.235	0.209	0.187
120	0.317	0.281	0.249	0.220	0.195	0.171	0.151	0.132
130	0.249	0.218	0.190	0.166	0.144	0.125	0.109	0.094
140	0.196	0.169	0.146	0.125	0.108	0.092	0.079	0.067
150	0.155	0.132	0.112	0.095	0.080	0.068	0.057	0.048

3. Larch

3.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.122	0.103	0.086	0.072	0.060	0.050	0.041	0.034
170	0.097	0.080	0.066	0.054	0.045	0.037	0.030	0.024
180	0.077	0.063	0.051	0.041	0.033	0.027	0.022	0.017
				II Site Index				
5		37.008	37.264	37.517	37.767	38.015	38.261	38.504
10	17.413	17.469	17.523	17.575	17.625	17.673	17.719	17.763
15	10.991	10.983	10.974	10.963	10.950	10.936	10.921	10.904
20	7.797	7.760	7.722	7.683	7.643	7.601	7.559	7.515
25	5.895	5.843	5.790	5.736	5.681	5.626	5.571	5.514
30	4.638	4.577	4.516	4.455	4.393	4.331	4.269	4.206
35	3.750	3.685	3.619	3.554	3.489	3.424	3.359	3.294
40	3.093	3.025	2.958	2.891	2.824	2.759	2.693	2.628
45	2.589	2.520	2.453	2.386	2.320	2.254	2.190	2.127
50	2.192	2.124	2.057	1.991	1.926	1.863	1.800	1.739
60	1.613	1.547	1.484	1.421	1.361	1.302	1.245	1.190
70	1.216	1.155	1.096	1.039	0.984	0.931	0.880	0.832
80	0.933	0.877	0.823	0.771	0.722	0.676	0.632	0.590
90	0.725	0.674	0.625	0.579	0.536	0.496	0.458	0.422
100	0.569	0.523	0.479	0.439	0.401	0.366	0.334	0.304
110	0.449	0.408	0.370	0.334	0.302	0.272	0.245	0.220
120	0.357	0.320	0.286	0.256	0.228	0.203	0.181	0.160
130	0.285	0.252	0.223	0.197	0.173	0.152	0.133	0.117
140	0.228	0.199	0.174	0.151	0.131	0.114	0.099	0.085
150	0.183	0.158	0.136	0.117	0.100	0.086	0.073	0.062
160	0.147	0.125	0.106	0.090	0.076	0.064	0.054	0.046
170	0.118	0.100	0.083	0.070	0.058	0.048	0.040	0.033
180	0.095	0.079	0.066	0.054	0.044	0.036	0.030	0.024
				III Site Index				
5			36.763	36.931	37.097	37.261	37.424	37.585
10		17.358	17.378	17.396	17.414	17.429	17.444	17.457
15	10.995	10.969	10.942	10.914	10.885	10.855	10.825	10.793
20	7.838	7.791	7.743	7.694	7.645	7.595	7.545	7.494
25	5.956	5.897	5.839	5.780	5.721	5.661	5.601	5.542
30	4.710	4.646	4.582	4.517	4.453	4.389	4.325	4.261
35	3.829	3.762	3.695	3.628	3.561	3.496	3.430	3.365
40	3.175	3.106	3.038	2.971	2.904	2.838	2.773	2.708
45	2.672	2.604	2.536	2.469	2.403	2.338	2.274	2.211
50	2.276	2.208	2.141	2.075	2.010	1.947	1.885	1.824
60	1.694	1.629	1.565	1.503	1.443	1.384	1.328	1.272
70	1.294	1.232	1.173	1.116	1.061	1.008	0.956	0.907
80	1.006	0.949	0.894	0.842	0.792	0.745	0.700	0.657
90	0.792	0.740	0.690	0.643	0.599	0.557	0.518	0.480
100	0.630	0.582	0.537	0.496	0.456	0.420	0.386	0.354
110	0.504	0.461	0.421	0.384	0.350	0.318	0.289	0.262
120	0.406	0.368	0.332	0.300	0.270	0.242	0.218	0.195

3. Larch

3.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	0.329	0.294	0.263	0.234	0.209	0.185	0.164	0.146
140	0.267	0.236	0.209	0.184	0.162	0.142	0.124	0.109
150	0.218	0.190	0.166	0.145	0.126	0.109	0.094	0.081
160	0.178	0.154	0.132	0.114	0.098	0.084	0.072	0.061
170	0.146	0.124	0.106	0.090	0.076	0.064	0.054	0.046
180	0.119	0.101	0.085	0.071	0.059	0.050	0.041	0.034
				IV Site Index				
5		36.823	36.903	36.982	37.060	37.137	37.213	37.288
10	17.567	17.550	17.532	17.514	17.495	17.476	17.456	17.435
15	11.191	11.144	11.097	11.049	11.001	10.952	10.903	10.854
20	8.016	7.955	7.895	7.834	7.774	7.713	7.652	7.591
25	6.120	6.053	5.987	5.920	5.854	5.787	5.721	5.655
30	4.864	4.794	4.725	4.655	4.587	4.518	4.450	4.383
35	3.974	3.903	3.832	3.762	3.693	3.624	3.556	3.489
40	3.313	3.241	3.171	3.101	3.032	2.964	2.897	2.831
45	2.803	2.732	2.663	2.594	2.527	2.460	2.395	2.331
50	2.400	2.331	2.262	2.195	2.129	2.065	2.002	1.940
60	1.807	1.741	1.676	1.613	1.552	1.492	1.434	1.378
70	1.396	1.334	1.273	1.215	1.159	1.104	1.052	1.002
80	1.098	1.040	0.985	0.931	0.880	0.831	0.784	0.740
90	0.876	0.822	0.771	0.723	0.676	0.633	0.591	0.552
100	0.706	0.656	0.610	0.566	0.525	0.486	0.450	0.416
110	0.573	0.528	0.486	0.446	0.410	0.376	0.344	0.315
120	0.468	0.427	0.389	0.354	0.322	0.292	0.265	0.239
130	0.384	0.347	0.313	0.282	0.253	0.228	0.204	0.183
140	0.317	0.283	0.253	0.225	0.200	0.178	0.158	0.140
150	0.262	0.232	0.205	0.180	0.159	0.139	0.122	0.107
160	0.217	0.190	0.166	0.145	0.126	0.110	0.095	0.082
170	0.180	0.156	0.135	0.116	0.100	0.086	0.074	0.063
180	0.150	0.129	0.110	0.094	0.080	0.068	0.057	0.049
				V Site Index				
5	37.715	37.703	37.691	37.678	37.665	37.652	37.639	37.625
10	18.109	18.052	17.995	17.937	17.880	17.822	17.764	17.707
15	11.588	11.518	11.447	11.377	11.307	11.237	11.167	11.098
20	8.338	8.262	8.187	8.112	8.038	7.963	7.889	7.816
25	6.395	6.318	6.241	6.165	6.089	6.014	5.939	5.865
30	5.107	5.030	4.953	4.877	4.801	4.726	4.652	4.579
35	4.193	4.116	4.040	3.965	3.891	3.817	3.745	3.673
40	3.513	3.437	3.362	3.288	3.216	3.144	3.074	3.005
45	2.988	2.913	2.840	2.768	2.698	2.629	2.561	2.494
50	2.571	2.499	2.428	2.358	2.290	2.223	2.158	2.094
60	1.957	1.888	1.821	1.756	1.693	1.631	1.571	1.513
70	1.529	1.464	1.402	1.342	1.283	1.227	1.172	1.120
80	1.217	1.157	1.099	1.043	0.990	0.939	0.890	0.843
90	0.982	0.926	0.873	0.822	0.773	0.727	0.684	0.642

3. Larch

3.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	0.801	0.749	0.700	0.654	0.610	0.569	0.530	0.493
110	0.658	0.611	0.566	0.524	0.485	0.448	0.413	0.381
120	0.545	0.501	0.460	0.422	0.387	0.355	0.324	0.296
130	0.453	0.413	0.376	0.342	0.311	0.282	0.255	0.231
140	0.379	0.342	0.309	0.278	0.250	0.225	0.202	0.181
150	0.317	0.284	0.254	0.227	0.202	0.180	0.160	0.142
160	0.267	0.237	0.210	0.185	0.163	0.144	0.127	0.111
170	0.225	0.198	0.173	0.152	0.133	0.116	0.101	0.087
180	0.190	0.165	0.143	0.124	0.108	0.093	0.080	0.069
				Va Site Index				
5	39.350	39.244	39.137	39.031	38.925	38.819	38.714	38.608
10	18.973	18.874	18.775	18.676	18.577	18.479	18.382	18.284
15	12.193	12.097	12.002	11.908	11.814	11.720	11.627	11.535
20	8.811	8.719	8.627	8.536	8.446	8.356	8.267	8.179
25	6.789	6.699	6.611	6.523	6.436	6.350	6.265	6.180
30	5.446	5.360	5.274	5.189	5.105	5.023	4.941	4.860
35	4.492	4.408	4.325	4.243	4.163	4.083	4.005	3.928
40	3.781	3.699	3.619	3.540	3.463	3.386	3.311	3.237
45	3.231	3.152	3.075	2.999	2.924	2.850	2.779	2.708
50	2.795	2.719	2.644	2.570	2.498	2.428	2.359	2.292
60	2.149	2.077	2.007	1.939	1.873	1.808	1.745	1.684
70	1.697	1.629	1.564	1.501	1.440	1.381	1.324	1.268
80	1.365	1.302	1.242	1.183	1.127	1.074	1.022	0.972
90	1.114	1.055	0.999	0.946	0.895	0.846	0.799	0.754
100	0.919	0.865	0.813	0.764	0.717	0.673	0.631	0.591
110	0.765	0.714	0.666	0.621	0.579	0.539	0.501	0.466
120	0.641	0.594	0.550	0.509	0.470	0.434	0.401	0.369
130	0.540	0.496	0.456	0.419	0.384	0.352	0.322	0.294
140	0.457	0.417	0.380	0.346	0.315	0.286	0.259	0.235
150	0.388	0.351	0.318	0.287	0.259	0.233	0.210	0.188
160	0.330	0.297	0.266	0.238	0.213	0.190	0.170	0.151
170	0.282	0.251	0.224	0.199	0.176	0.156	0.138	0.122
180	0.242	0.213	0.188	0.166	0.146	0.128	0.112	0.098

3. Larch

3.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	16.827	25.728	34.851	44.039	53.238	62.625	72.938	86.704
10	3.847	6.959	10.089	13.185	16.235	19.314	22.702	27.318
15	1.724	3.345	4.952	6.522	8.054	9.598	11.311	13.695
20	1.165	2.150	3.116	4.050	4.957	5.872	6.900	8.363
25	0.989	1.637	2.265	2.868	3.450	4.041	4.715	5.697
30	0.927	1.371	1.797	2.203	2.594	2.994	3.459	4.154
35	0.898	1.209	1.504	1.783	2.052	2.329	2.660	3.168
40	0.875	1.095	1.300	1.492	1.678	1.874	2.113	2.492
45	0.851	1.004	1.146	1.277	1.405	1.542	1.716	2.003
50	0.822	0.926	1.021	1.109	1.195	1.290	1.416	1.634
60	0.750	0.790	0.825	0.856	0.888	0.930	0.994	1.121
70	0.667	0.670	0.670	0.671	0.674	0.685	0.715	0.787
80	0.580	0.563	0.544	0.528	0.515	0.510	0.520	0.559
90	0.497	0.468	0.440	0.415	0.395	0.382	0.380	0.399
100	0.420	0.385	0.353	0.325	0.302	0.285	0.278	0.286
110	0.350	0.314	0.282	0.254	0.231	0.213	0.203	0.204
120	0.290	0.255	0.224	0.197	0.176	0.159	0.148	0.146
130	0.238	0.205	0.177	0.153	0.133	0.118	0.108	0.104
140	0.194	0.164	0.139	0.118	0.101	0.088	0.079	0.075
150	0.157	0.131	0.109	0.091	0.076	0.065	0.057	0.053
160	0.127	0.104	0.085	0.069	0.057	0.048	0.041	0.038
170	0.102	0.082	0.066	0.053	0.043	0.035	0.030	0.027
180	0.082	0.065	0.051	0.040	0.032	0.026	0.022	0.019
				I Site Index				
5	2.528	8.206	14.026	19.870	25.680	31.544	37.914	46.494
10	2.056	4.531	7.009	9.438	11.796	14.132	16.655	20.122
15	1.777	3.217	4.632	5.995	7.298	8.576	9.961	11.909
20	1.579	2.516	3.422	4.281	5.093	5.885	6.751	8.002
25	1.423	2.068	2.682	3.255	3.792	4.316	4.896	5.757
30	1.293	1.750	2.178	2.574	2.940	3.298	3.702	4.321
35	1.180	1.509	1.812	2.088	2.342	2.591	2.879	3.337
40	1.080	1.317	1.532	1.725	1.902	2.077	2.285	2.629
45	0.990	1.160	1.311	1.444	1.566	1.688	1.840	2.103
50	0.908	1.028	1.132	1.222	1.304	1.388	1.499	1.701
60	0.765	0.817	0.859	0.893	0.925	0.961	1.019	1.140
70	0.643	0.656	0.662	0.666	0.670	0.680	0.708	0.781
80	0.540	0.529	0.516	0.502	0.492	0.489	0.499	0.543
90	0.452	0.428	0.404	0.382	0.365	0.354	0.356	0.381
100	0.377	0.346	0.317	0.292	0.272	0.259	0.255	0.269
110	0.313	0.280	0.250	0.224	0.204	0.190	0.184	0.191
120	0.260	0.226	0.197	0.173	0.153	0.140	0.133	0.136
130	0.215	0.183	0.155	0.133	0.115	0.103	0.096	0.097
140	0.177	0.147	0.123	0.102	0.087	0.076	0.070	0.069
150	0.145	0.119	0.097	0.079	0.066	0.056	0.051	0.050

3. Larch

3.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.119	0.096	0.076	0.061	0.050	0.042	0.037	0.035
170	0.098	0.077	0.060	0.047	0.038	0.031	0.027	0.025
180	0.080	0.062	0.047	0.036	0.028	0.023	0.020	0.018
				II Site Index				
5		0.760	4.950	9.117	13.199	17.230	21.495	27.216
10	1.017	3.111	5.189	7.195	9.101	10.933	12.843	15.456
15	1.708	3.031	4.315	5.528	6.656	7.722	8.830	10.385
20	1.776	2.684	3.549	4.350	5.082	5.765	6.478	7.508
25	1.683	2.333	2.941	3.493	3.990	4.449	4.932	5.656
30	1.546	2.022	2.458	2.848	3.192	3.509	3.847	4.374
35	1.402	1.754	2.071	2.348	2.589	2.810	3.051	3.444
40	1.265	1.526	1.755	1.952	2.121	2.276	2.449	2.747
45	1.139	1.331	1.496	1.635	1.752	1.859	1.984	2.213
50	1.024	1.164	1.281	1.376	1.455	1.528	1.618	1.796
60	0.828	0.896	0.949	0.988	1.018	1.048	1.094	1.203
70	0.671	0.695	0.710	0.717	0.721	0.729	0.750	0.818
80	0.544	0.543	0.535	0.525	0.516	0.511	0.519	0.562
90	0.443	0.425	0.406	0.387	0.371	0.360	0.361	0.389
100	0.360	0.335	0.309	0.286	0.267	0.255	0.252	0.270
110	0.294	0.264	0.236	0.212	0.193	0.181	0.177	0.188
120	0.240	0.209	0.181	0.158	0.140	0.128	0.124	0.131
130	0.196	0.165	0.139	0.117	0.101	0.091	0.086	0.091
140	0.160	0.131	0.106	0.087	0.073	0.064	0.060	0.064
150	0.131	0.104	0.082	0.065	0.053	0.045	0.042	0.044
160	0.107	0.082	0.063	0.048	0.038	0.032	0.029	0.031
170	0.087	0.066	0.048	0.036	0.027	0.022	0.020	0.021
180	0.072	0.052	0.037	0.026	0.019	0.015	0.014	0.015
				III Site Index				
5			2.552	6.178	9.644	12.956	16.320	20.773
10		2.835	4.809	6.673	8.390	9.972	11.541	13.663
15	1.805	3.136	4.406	5.575	6.622	7.564	8.489	9.779
20	1.959	2.902	3.782	4.573	5.267	5.878	6.477	7.342
25	1.882	2.575	3.208	3.765	4.243	4.656	5.063	5.676
30	1.736	2.255	2.720	3.120	3.455	3.741	4.025	4.474
35	1.574	1.966	2.311	2.600	2.838	3.037	3.238	3.576
40	1.415	1.713	1.969	2.179	2.346	2.486	2.629	2.887
45	1.267	1.493	1.682	1.833	1.950	2.046	2.149	2.348
50	1.133	1.303	1.441	1.548	1.628	1.693	1.766	1.922
60	0.903	0.995	1.064	1.112	1.144	1.170	1.205	1.303
70	0.720	0.763	0.790	0.804	0.810	0.815	0.831	0.894
80	0.574	0.587	0.589	0.584	0.576	0.571	0.576	0.618
90	0.459	0.452	0.440	0.425	0.410	0.400	0.400	0.428
100	0.367	0.349	0.329	0.309	0.291	0.279	0.277	0.297
110	0.294	0.269	0.245	0.224	0.206	0.194	0.192	0.206
120	0.236	0.208	0.183	0.161	0.145	0.134	0.131	0.142

3. Larch

3.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	0.189	0.161	0.136	0.115	0.100	0.091	0.089	0.098
140	0.152	0.124	0.100	0.082	0.069	0.061	0.060	0.067
150	0.122	0.095	0.073	0.057	0.046	0.040	0.039	0.045
160	0.098	0.073	0.053	0.039	0.030	0.025	0.025	0.030
170	0.078	0.056	0.038	0.026	0.018	0.015	0.015	0.019
180	0.063	0.042	0.027	0.017	0.011	0.008	0.009	0.012
				IV Site Index				
5		1.095	5.408	9.547	13.417	17.040	20.701	26.028
10	1.598	3.936	6.182	8.255	10.114	11.782	13.425	15.918
15	2.293	3.827	5.264	6.554	7.677	8.656	9.611	11.127
20	2.296	3.385	4.384	5.258	6.000	6.633	7.250	8.277
25	2.130	2.935	3.658	4.278	4.792	5.222	5.643	6.382
30	1.925	2.535	3.071	3.521	3.886	4.186	4.484	5.037
35	1.721	2.190	2.594	2.925	3.187	3.400	3.615	4.039
40	1.533	1.896	2.202	2.447	2.636	2.788	2.945	3.278
45	1.363	1.645	1.877	2.058	2.195	2.303	2.419	2.684
50	1.211	1.430	1.606	1.739	1.836	1.913	1.999	2.213
60	0.958	1.087	1.184	1.253	1.300	1.336	1.384	1.528
70	0.759	0.830	0.880	0.911	0.929	0.943	0.970	1.069
80	0.602	0.637	0.657	0.665	0.666	0.669	0.684	0.755
90	0.479	0.490	0.491	0.486	0.479	0.476	0.484	0.536
100	0.382	0.377	0.367	0.355	0.344	0.338	0.343	0.382
110	0.304	0.290	0.274	0.258	0.245	0.239	0.242	0.272
120	0.243	0.223	0.203	0.186	0.174	0.167	0.170	0.193
130	0.193	0.171	0.150	0.133	0.121	0.116	0.118	0.137
140	0.154	0.130	0.110	0.094	0.083	0.079	0.081	0.097
150	0.122	0.099	0.079	0.065	0.056	0.052	0.055	0.068
160	0.097	0.074	0.056	0.043	0.036	0.033	0.036	0.047
170	0.077	0.055	0.039	0.027	0.021	0.020	0.023	0.032
180	0.061	0.041	0.026	0.016	0.011	0.011	0.014	0.021
				V Site Index				
5	3.165	9.911	16.647	23.174	29.457	35.807	43.652	63.477
10	3.832	7.112	10.276	13.229	15.968	18.663	22.020	31.087
15	3.321	5.374	7.309	9.070	10.667	12.217	14.180	19.745
20	2.816	4.239	5.555	6.730	7.777	8.788	10.093	13.947
25	2.398	3.440	4.386	5.218	5.950	6.657	7.589	10.440
30	2.058	2.846	3.552	4.162	4.694	5.209	5.907	8.104
35	1.779	2.389	2.926	3.385	3.782	4.169	4.707	6.450
40	1.549	2.026	2.442	2.793	3.094	3.391	3.816	5.227
45	1.355	1.733	2.058	2.329	2.561	2.792	3.134	4.294
50	1.192	1.493	1.748	1.958	2.138	2.321	2.599	3.565
60	0.931	1.124	1.282	1.410	1.520	1.637	1.829	2.517
70	0.737	0.859	0.956	1.033	1.101	1.178	1.314	1.818
80	0.588	0.663	0.721	0.766	0.807	0.859	0.958	1.334
90	0.472	0.515	0.547	0.572	0.597	0.632	0.706	0.990

3. Larch

3.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	0.381	0.402	0.417	0.429	0.443	0.468	0.524	0.741
110	0.308	0.315	0.319	0.323	0.330	0.348	0.391	0.558
120	0.250	0.248	0.244	0.243	0.246	0.259	0.293	0.423
130	0.204	0.195	0.187	0.182	0.183	0.193	0.219	0.321
140	0.166	0.153	0.143	0.136	0.136	0.143	0.165	0.245
150	0.136	0.120	0.108	0.101	0.100	0.106	0.124	0.187
160	0.111	0.094	0.082	0.075	0.073	0.078	0.093	0.143
170	0.090	0.074	0.061	0.054	0.053	0.057	0.069	0.109
180	0.074	0.057	0.046	0.039	0.038	0.041	0.052	0.083
	Va Site Index							
5	19.701	33.298	47.888	63.645	81.717	106.237	156.780	868.622
10	7.923	13.499	19.325	25.469	32.412	41.850	61.725	348.894
15	4.608	7.829	11.140	14.590	18.467	23.769	35.112	201.327
20	3.129	5.267	7.442	9.690	12.214	15.693	23.231	134.668
25	2.315	3.847	5.391	6.981	8.769	11.254	16.695	97.622
30	1.810	2.960	4.112	5.295	6.631	8.503	12.641	74.425
35	1.470	2.362	3.250	4.162	5.196	6.659	9.919	58.725
40	1.228	1.935	2.637	3.358	4.180	5.354	7.988	47.502
45	1.047	1.617	2.182	2.762	3.429	4.390	6.561	39.147
50	0.908	1.373	1.834	2.308	2.858	3.657	5.471	32.731
60	0.708	1.027	1.342	1.669	2.055	2.627	3.937	23.629
70	0.571	0.795	1.016	1.250	1.530	1.952	2.929	17.590
80	0.473	0.631	0.789	0.958	1.166	1.486	2.229	13.375
90	0.398	0.510	0.624	0.749	0.906	1.151	1.725	10.327
100	0.339	0.418	0.501	0.593	0.713	0.903	1.352	8.063
110	0.291	0.347	0.406	0.475	0.567	0.716	1.070	6.348
120	0.252	0.290	0.332	0.384	0.455	0.572	0.853	5.029
130	0.219	0.244	0.274	0.312	0.367	0.460	0.683	4.004
140	0.191	0.206	0.227	0.255	0.298	0.372	0.550	3.200
150	0.167	0.175	0.189	0.209	0.243	0.302	0.444	2.565
160	0.147	0.150	0.158	0.173	0.199	0.246	0.360	2.060
170	0.129	0.128	0.132	0.143	0.163	0.201	0.292	1.658
180	0.113	0.110	0.111	0.118	0.134	0.164	0.238	1.336

4. Oak

4.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ib Site Index				
5	17.7	15.5	13.3	11.2	9.2	7.2	5.3	3.4
10	51	45	38	32	26	20	15	10
15	93	81	69	57	46	36	26	17
20	139	120	102	85	69	53	39	25
25	187	162	137	114	92	71	52	34
30	236	204	173	143	116	89	65	42
35	284	245	208	172	139	107	78	50
40	331	286	242	201	162	125	90	58
45	377	325	275	228	183	142	103	66
50	421	363	307	254	204	158	114	74
60	502	432	366	303	243	188	136	88
70	575	494	418	345	278	214	155	100
80	638	548	463	383	308	237	172	111
90	693	595	503	416	334	257	186	120
100	740	636	537	444	357	275	199	128
110	781	671	567	468	376	290	210	135
120	816	701	592	489	393	303	219	141
130	845	726	613	507	407	313	227	146
140	870	747	631	522	419	323	233	151
150	891	765	646	534	429	331	239	154
160	909	781	659	545	438	337	244	157
170	924	794	670	554	445	343	248	160
180	937	804	679	562	451	348	251	162
				Ia Site Index				
5	15.0	13.0	11.1	9.3	7.5	5.8	4.3	2.8
10	43.3	37.4	31.8	26.4	21.3	16.5	12.1	8.0
15	78	68	57	47	38	30	22	14
20	117	101	85	71	57	44	32	21
25	158	136	115	95	76	59	43	28
30	199	171	144	119	96	74	54	36
35	240	206	174	144	115	89	65	43
40	280	240	203	167	134	104	76	50
45	319	273	231	190	153	118	86	57
50	356	305	257	212	171	132	96	63
60	426	365	307	254	203	157	114	75
70	488	418	352	290	233	180	131	86
80	543	465	391	323	259	200	145	96
90	590	505	426	351	281	217	158	104
100	632	541	455	375	301	232	169	112
110	667	571	481	397	318	245	179	118
120	698	598	503	415	333	257	187	123
130	724	620	522	430	345	266	194	128
140	747	639	538	444	356	275	200	132
150	766	655	552	455	365	282	205	135

4. Oak

4.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	782	669	563	464	373	288	209	138
170	795	681	573	473	379	293	213	141
180	807	691	581	480	385	297	216	143
				I Site Index				
5	11.42	9.81	8.27	6.83	5.49	4.26	3.14	2.14
10	33.9	29.0	24.4	20.1	16.2	12.5	9.2	6.3
15	62.2	53.2	44.8	36.9	29.6	22.9	16.9	11.5
20	94	80	67	56	45	35	25	17
25	127	109	91	75	60	47	34	23
30	162	138	116	95	76	59	44	30
35	196	167	140	116	93	72	53	36
40	230	196	165	135	108	84	62	42
45	263	224	188	155	124	96	71	48
50	294	251	211	173	139	107	79	54
60	354	301	253	208	167	129	95	65
70	407	347	291	239	192	148	109	75
80	454	387	324	267	214	165	122	83
90	495	422	354	291	233	180	133	91
100	531	452	379	312	250	193	143	97
110	561	478	401	330	264	205	151	103
120	588	501	420	346	277	215	158	108
130	611	520	437	359	288	223	164	112
140	630	537	450	370	297	230	170	116
150	647	551	462	380	305	236	174	119
160	661	563	472	388	311	241	178	122
170	673	573	481	395	317	246	181	124
180	683	582	488	401	322	249	184	126
				II Site Index				
5	7.76	6.58	5.49	4.49	3.58	2.78	2.08	1.48
10	24.4	20.7	17.2	14.1	11.3	8.8	6.6	4.7
15	46.3	39.2	32.7	26.8	21.4	16.6	12.5	8.9
20	71	60	50	41	33	26	19	14
25	98	83	69	57	46	35	27	19
30	126	107	89	73	58	46	34	24
35	154	131	109	89	72	56	42	30
40	182	155	129	106	85	66	49	35
45	210	178	148	121	97	76	57	41
50	236	200	167	137	110	85	64	46
60	286	242	202	166	133	103	78	56
70	331	280	234	192	153	120	90	65
80	370	314	262	215	172	134	101	72
90	405	343	287	235	188	147	110	79
100	436	369	308	252	202	158	119	85
110	462	391	326	268	215	167	126	90
120	484	410	342	281	225	175	132	95

4. Oak

4.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	503	426	356	292	234	182	137	99
140	519	440	367	301	242	188	142	102
150	533	452	377	309	248	194	146	105
160	545	462	385	316	254	198	149	107
170	555	470	393	322	258	201	152	109
180	563	477	398	327	262	205	154	111
				III Site Index				
5	4.67	3.90	3.21	2.60	2.07	1.61	1.24	0.95
10	16.1	13.4	11.1	9.0	7.2	5.6	4.3	3.3
15	32.0	26.8	22.1	18.0	14.4	11.3	8.7	6.7
20	51	43	35	29	23	18	14	11
25	72	60	50	40	32	26	20	15
30	94	79	65	53	42	33	26	20
35	116	98	81	66	53	41	32	25
40	139	116	96	78	63	50	39	30
45	161	135	112	91	73	58	45	35
50	182	153	127	103	83	65	51	39
60	223	187	155	126	102	80	62	48
70	260	218	181	147	118	93	73	56
80	292	245	203	166	133	105	82	63
90	321	269	223	182	146	116	90	70
100	345	290	240	196	158	125	97	75
110	366	308	255	208	167	132	103	80
120	384	323	268	219	176	139	108	84
130	400	336	279	227	183	145	113	87
140	413	347	288	235	189	149	116	90
150	424	356	295	241	194	153	120	92
160	433	364	302	246	198	157	122	95
170	440	370	307	251	202	160	124	96
180	447	376	312	255	205	162	126	98
				IV Site Index				
5	2.45	2.01	1.63	1.30	1.04	0.83	0.67	0.57
10	9.52	7.82	6.36	5.11	4.09	3.27	2.67	2.28
15	20.2	16.6	13.5	10.9	8.8	7.0	5.8	4.9
20	33.5	27.7	22.6	18.2	14.6	11.8	9.7	8.3
25	49	40	33	27	21	17	14	12
30	65	54	44	35	29	23	19	16
35	82	68	55	45	36	29	24	21
40	99	82	67	54	44	35	29	25
45	116	96	78	64	51	42	34	29
50	132	110	90	73	59	48	39	34
60	164	136	111	90	73	59	49	42
70	192	159	131	106	86	69	57	49
80	217	180	148	120	97	79	65	56
90	239	198	162	132	107	87	72	62

4. Oak

4.1 Growing stock, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	258	214	175	142	115	93	77	67
110	274	227	186	151	122	99	82	71
120	287	238	195	159	128	104	86	75
130	298	247	203	165	133	108	90	78
140	308	255	209	170	138	112	93	80
150	316	262	215	175	141	115	95	82
160	322	267	219	178	144	117	97	84
170	328	272	223	181	147	119	99	85
180	332	275	226	184	149	121	100	86

4. Oak

4.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ib Site Index				
10		46	41	36	30	25	20	15
15	101	93	84	74	64	54	45	36
20	162	150	137	123	108	93	78	65
25	229	214	196	177	157	138	118	100
30	301	281	259	236	211	187	162	139
35	374	351	325	297	268	238	209	180
40	449	421	391	359	325	291	257	224
45	522	491	457	420	382	344	305	268
50	594	559	521	480	438	396	353	311
60	732	689	644	595	546	496	445	395
70	859	809	756	701	644	587	529	471
80	972	915	856	794	732	668	604	539
90	1073	1010	944	877	808	739	669	599
100	1161	1092	1021	949	875	800	725	650
110	1238	1164	1088	1010	932	853	773	693
120	1304	1225	1145	1063	980	897	813	729
130	1361	1278	1194	1108	1021	934	847	759
140	1410	1323	1235	1146	1056	966	875	784
150	1452	1361	1270	1178	1085	992	898	804
160	1488	1394	1300	1205	1109	1013	917	821
170	1518	1421	1324	1227	1129	1031	933	835
180	1543	1445	1345	1246	1146	1046	947	847
				Ia Site Index				
10	44.2	39.7	34.6	29.4	24.3	19.5	15.3	11.6
15	87	79	70	61	52	43	35	28
20	137	125	113	99	86	73	61	50
25	192	177	160	143	125	108	92	76
30	251	232	211	190	168	147	126	107
35	311	289	264	239	213	188	163	140
40	372	346	318	289	259	230	201	174
45	432	402	371	338	305	272	240	209
50	491	458	423	387	351	314	279	244
60	604	565	524	482	439	396	354	312
70	708	663	617	569	520	472	424	377
80	803	753	701	648	594	540	487	435
90	888	832	775	718	660	602	544	486
100	962	902	841	779	717	655	593	531
110	1028	964	899	833	767	702	636	570
120	1085	1018	949	880	811	742	673	604
130	1135	1064	992	920	848	776	704	632
140	1178	1104	1030	955	880	805	730	656
150	1216	1139	1062	984	907	830	753	676
160	1248	1168	1089	1009	930	851	772	693
170	1275	1194	1112	1031	950	869	788	707

4. Oak

4.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
180	1299	1215	1132	1049	966	883	801	719
				I Site Index				
10	35.4	31.1	26.7	22.3	18.1	14.3	11.0	8.2
15	69.4	62.1	54.3	46.4	38.8	31.8	25.4	19.9
20	110	99	88	76	65	55	45	36
25	154	140	126	111	96	82	69	56
30	202	184	166	148	129	112	95	80
35	250	230	208	186	165	144	124	105
40	300	276	251	226	201	177	154	132
45	349	322	294	266	238	211	185	160
50	397	367	337	306	275	245	216	188
60	489	454	418	382	346	311	276	243
70	575	535	494	454	413	373	334	296
80	652	608	564	519	474	430	387	345
90	722	674	626	577	529	481	434	389
100	784	733	681	629	578	527	477	427
110	839	784	729	675	620	567	514	461
120	887	829	772	715	658	601	546	491
130	929	869	809	749	690	631	573	516
140	965	903	841	779	718	657	597	537
150	997	932	868	805	741	679	617	556
160	1024	958	892	827	762	698	634	571
170	1047	979	912	845	779	714	649	584
180	1067	998	930	862	794	727	661	595
				II Site Index				
10	25.4	22.0	18.5	15.2	12.1	9.5	7.2	5.3
15	51.1	45.0	38.8	32.7	27.0	21.9	17.3	13.4
20	82	73	64	55	46	39	31	25
25	117	105	93	81	69	59	49	40
30	154	139	124	109	95	81	69	57
35	193	175	157	140	122	106	91	77
40	232	211	191	171	151	132	114	98
45	271	248	225	202	180	158	138	119
50	309	284	259	233	209	185	163	141
60	383	354	324	294	266	238	211	186
70	452	418	385	352	319	288	257	228
80	514	478	441	404	369	334	300	268
90	571	531	491	452	413	375	339	304
100	620	578	535	494	453	413	374	336
110	664	619	574	531	487	445	404	364
120	702	655	609	563	518	474	431	388
130	736	687	638	591	544	498	454	410
140	764	714	664	615	567	520	473	428
150	789	737	686	636	586	538	490	443
160	810	757	705	654	603	553	505	457

4. Oak

4.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
170	829	775	721	669	617	567	517	468
180	845	790	735	682	629	578	527	477
				III Site Index				
10		13.6	11.3	9.2	7.3	5.6	4.2	3.1
15	33.7	29.3	25.0	20.9	17.1	13.8	10.8	8.4
20	56	49	43	36	31	25	21	16
25	81	72	64	55	47	40	33	27
30	109	98	87	76	66	56	47	39
35	138	124	111	98	86	74	63	54
40	167	152	136	121	107	93	81	69
45	197	179	162	145	129	113	99	85
50	226	207	187	169	151	133	117	102
60	283	260	237	215	194	174	154	136
70	335	309	284	259	235	212	190	169
80	382	354	326	299	272	247	223	200
90	425	394	364	335	306	279	253	228
100	462	429	398	367	337	308	280	253
110	494	460	427	394	363	333	303	275
120	522	487	452	419	386	354	324	294
130	547	510	474	439	406	373	341	310
140	567	530	493	457	423	389	356	324
150	585	547	509	473	437	402	369	336
160	600	561	523	485	449	414	380	346
170	613	573	534	496	460	424	389	355
180	624	583	544	506	468	432	396	362
				IV Site Index				
10								
15			13.7	11.4	9.4	7.5	6.0	
20		28.4	24.6	20.9	17.6	14.5	11.9	9.6
25	49	43	38	33	28	24	20	16
30	67	59	53	46	40	34	29	25
35	86	77	69	61	53	46	40	34
40	105	95	85	76	67	59	52	45
45	125	114	103	92	82	73	64	56
50	144	132	120	108	97	87	77	68
60	182	167	153	139	126	114	103	92
70	217	200	184	169	154	140	127	115
80	248	230	212	196	180	164	150	137
90	276	256	237	219	202	186	171	156
100	300	279	259	240	222	205	189	174
110	320	299	278	258	239	222	205	189
120	337	315	294	274	254	236	218	202
130	352	330	308	287	267	248	230	213
140	365	341	319	298	277	258	239	222
150	375	351	329	307	286	266	248	230

4. Oak

4.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	384	360	337	315	294	274	254	236
170	391	367	344	321	300	280	260	241
180	397	373	349	327	305	284	265	246

4 Oak

4.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ib Site Index				
5	5.54	4.83	4.13	3.46	2.81	2.19	1.60	1.04
10	7.67	6.64	5.65	4.71	3.80	2.95	2.14	1.39
15	8.85	7.64	6.48	5.38	4.33	3.35	2.43	1.57
20	9.47	8.16	6.91	5.72	4.60	3.55	2.57	1.66
25	9.73	8.37	7.07	5.85	4.70	3.62	2.62	1.69
30	9.75	8.37	7.07	5.84	4.69	3.61	2.61	1.68
35	9.59	8.23	6.95	5.74	4.60	3.54	2.56	1.65
40	9.32	7.99	6.74	5.56	4.46	3.43	2.48	1.60
45	8.97	7.69	6.48	5.35	4.28	3.30	2.38	1.53
50	8.56	7.34	6.18	5.10	4.09	3.14	2.27	1.46
60	7.68	6.58	5.54	4.57	3.66	2.82	2.03	1.31
70	6.77	5.80	4.89	4.03	3.23	2.48	1.79	1.16
80	5.91	5.06	4.26	3.51	2.82	2.17	1.56	1.01
90	5.11	4.37	3.69	3.04	2.44	1.88	1.35	0.87
100	4.39	3.76	3.17	2.61	2.10	1.61	1.17	0.75
110	3.75	3.21	2.71	2.24	1.79	1.38	1.00	0.65
120	3.19	2.74	2.31	1.91	1.53	1.18	0.85	0.55
130	2.71	2.32	1.96	1.62	1.30	1.00	0.73	0.47
140	2.29	1.97	1.66	1.37	1.10	0.85	0.62	0.40
150	1.94	1.66	1.41	1.16	0.94	0.72	0.52	0.34
160	1.63	1.40	1.19	0.98	0.79	0.61	0.44	0.29
170	1.38	1.18	1.00	0.83	0.67	0.52	0.37	0.24
180	1.16	1.00	0.84	0.70	0.56	0.44	0.32	0.20
				Ia Site Index				
5	4.68	4.04	3.44	2.86	2.31	1.79	1.31	0.87
10	6.46	5.56	4.71	3.90	3.13	2.43	1.77	1.17
15	7.45	6.40	5.40	4.46	3.59	2.77	2.02	1.33
20	7.98	6.84	5.77	4.76	3.82	2.95	2.15	1.42
25	8.21	7.03	5.92	4.89	3.92	3.02	2.20	1.45
30	8.24	7.05	5.94	4.89	3.92	3.02	2.20	1.45
35	8.13	6.95	5.85	4.82	3.86	2.98	2.17	1.43
40	7.91	6.76	5.69	4.69	3.75	2.89	2.11	1.39
45	7.63	6.52	5.48	4.52	3.62	2.79	2.03	1.34
50	7.31	6.24	5.25	4.32	3.46	2.67	1.94	1.28
60	6.59	5.63	4.73	3.89	3.12	2.40	1.75	1.15
70	5.84	4.99	4.19	3.45	2.77	2.13	1.55	1.02
80	5.12	4.37	3.68	3.03	2.43	1.87	1.36	0.90
90	4.45	3.80	3.20	2.63	2.11	1.63	1.19	0.78
100	3.84	3.29	2.76	2.28	1.83	1.41	1.03	0.68
110	3.30	2.82	2.38	1.96	1.57	1.21	0.88	0.58
120	2.83	2.42	2.04	1.68	1.35	1.04	0.76	0.50
130	2.41	2.07	1.74	1.43	1.15	0.89	0.65	0.43
140	2.06	1.76	1.48	1.22	0.98	0.76	0.55	0.37
150	1.75	1.50	1.26	1.04	0.84	0.65	0.47	0.31

4 Oak

4.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	1.48	1.27	1.07	0.88	0.71	0.55	0.40	0.27
170	1.25	1.08	0.91	0.75	0.60	0.47	0.34	0.23
180	1.06	0.91	0.77	0.63	0.51	0.40	0.29	0.19
				I Site Index				
5	3.65	3.13	2.63	2.17	1.74	1.35	1.00	0.68
10	5.18	4.43	3.72	3.07	2.46	1.90	1.40	0.96
15	6.07	5.18	4.35	3.58	2.87	2.22	1.64	1.12
20	6.57	5.60	4.70	3.87	3.10	2.40	1.77	1.20
25	6.82	5.81	4.87	4.00	3.21	2.48	1.83	1.25
30	6.88	5.86	4.92	4.04	3.24	2.50	1.85	1.26
35	6.82	5.81	4.87	4.00	3.21	2.48	1.83	1.25
40	6.67	5.68	4.76	3.91	3.13	2.43	1.79	1.22
45	6.46	5.50	4.61	3.79	3.03	2.35	1.73	1.18
50	6.20	5.28	4.43	3.64	2.91	2.26	1.66	1.14
60	5.62	4.78	4.01	3.30	2.64	2.04	1.51	1.03
70	5.00	4.26	3.57	2.94	2.35	1.82	1.34	0.92
80	4.40	3.75	3.14	2.58	2.07	1.60	1.18	0.81
90	3.84	3.27	2.74	2.25	1.81	1.40	1.03	0.71
100	3.32	2.83	2.37	1.95	1.57	1.21	0.90	0.61
110	2.86	2.44	2.05	1.68	1.35	1.05	0.77	0.53
120	2.45	2.09	1.76	1.44	1.16	0.90	0.67	0.46
130	2.10	1.79	1.50	1.24	0.99	0.77	0.57	0.39
140	1.79	1.53	1.28	1.05	0.85	0.66	0.49	0.33
150	1.52	1.30	1.09	0.90	0.72	0.56	0.41	0.28
160	1.29	1.10	0.93	0.76	0.61	0.48	0.35	0.24
170	1.10	0.94	0.79	0.65	0.52	0.41	0.30	0.21
180	0.93	0.79	0.67	0.55	0.44	0.34	0.25	0.17
				II Site Index				
5	2.62	2.22	1.85	1.51	1.21	0.94	0.70	0.50
10	3.93	3.33	2.78	2.27	1.82	1.41	1.06	0.76
15	4.75	4.02	3.36	2.75	2.20	1.71	1.28	0.92
20	5.25	4.44	3.71	3.04	2.43	1.89	1.42	1.02
25	5.52	4.68	3.90	3.19	2.56	1.99	1.50	1.07
30	5.63	4.77	3.98	3.26	2.61	2.04	1.53	1.10
35	5.63	4.77	3.98	3.26	2.61	2.04	1.53	1.10
40	5.54	4.69	3.91	3.21	2.57	2.01	1.51	1.08
45	5.39	4.56	3.81	3.12	2.50	1.95	1.47	1.06
50	5.19	4.40	3.67	3.01	2.41	1.88	1.42	1.02
60	4.73	4.01	3.35	2.74	2.20	1.72	1.29	0.93
70	4.23	3.58	2.99	2.45	1.97	1.54	1.16	0.83
80	3.72	3.15	2.63	2.16	1.73	1.36	1.02	0.74
90	3.25	2.75	2.30	1.89	1.51	1.18	0.89	0.64
100	2.81	2.38	1.99	1.63	1.31	1.02	0.77	0.56
110	2.42	2.05	1.71	1.40	1.13	0.88	0.67	0.48
120	2.07	1.75	1.47	1.20	0.97	0.76	0.57	0.41

4 Oak

4.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	1.76	1.50	1.25	1.03	0.83	0.65	0.49	0.35
140	1.50	1.27	1.06	0.87	0.70	0.55	0.42	0.30
150	1.27	1.08	0.90	0.74	0.60	0.47	0.35	0.25
160	1.08	0.91	0.76	0.63	0.51	0.40	0.30	0.22
170	0.91	0.77	0.65	0.53	0.43	0.33	0.25	0.18
180	0.77	0.65	0.55	0.45	0.36	0.28	0.21	0.15
				III Site Index				
5	1.70	1.42	1.17	0.95	0.76	0.59	0.46	0.35
10	2.79	2.34	1.93	1.57	1.25	0.99	0.76	0.59
15	3.53	2.96	2.45	1.99	1.59	1.26	0.97	0.75
20	4.01	3.37	2.79	2.27	1.82	1.44	1.11	0.86
25	4.31	3.62	3.00	2.44	1.96	1.55	1.20	0.93
30	4.46	3.75	3.10	2.53	2.03	1.61	1.25	0.96
35	4.51	3.79	3.14	2.56	2.06	1.63	1.27	0.98
40	4.47	3.76	3.11	2.54	2.04	1.61	1.26	0.97
45	4.37	3.67	3.05	2.49	2.00	1.58	1.23	0.95
50	4.23	3.56	2.95	2.41	1.94	1.53	1.20	0.93
60	3.87	3.26	2.70	2.21	1.78	1.41	1.10	0.85
70	3.46	2.91	2.42	1.98	1.59	1.26	0.98	0.76
80	3.05	2.56	2.13	1.74	1.40	1.11	0.87	0.67
90	2.65	2.23	1.85	1.51	1.22	0.97	0.75	0.59
100	2.28	1.92	1.59	1.30	1.05	0.83	0.65	0.51
110	1.95	1.64	1.36	1.12	0.90	0.71	0.56	0.43
120	1.66	1.40	1.16	0.95	0.77	0.61	0.47	0.37
130	1.41	1.18	0.98	0.81	0.65	0.51	0.40	0.31
140	1.19	1.00	0.83	0.68	0.55	0.43	0.34	0.26
150	1.00	0.84	0.70	0.57	0.46	0.37	0.29	0.22
160	0.84	0.71	0.59	0.48	0.39	0.31	0.24	0.19
170	0.70	0.59	0.49	0.40	0.33	0.26	0.20	0.16
180	0.59	0.50	0.41	0.34	0.27	0.22	0.17	0.13
				IV Site Index				
5	0.981	0.806	0.654	0.525	0.419	0.336	0.274	0.232
10	1.81	1.49	1.21	0.98	0.79	0.63	0.52	0.44
15	2.43	2.01	1.64	1.33	1.07	0.86	0.71	0.61
20	2.87	2.38	1.94	1.57	1.27	1.03	0.85	0.73
25	3.16	2.62	2.14	1.74	1.40	1.14	0.94	0.81
30	3.33	2.76	2.26	1.84	1.48	1.20	0.99	0.86
35	3.41	2.83	2.32	1.88	1.52	1.23	1.02	0.88
40	3.41	2.83	2.32	1.89	1.53	1.24	1.03	0.89
45	3.36	2.79	2.29	1.86	1.50	1.22	1.01	0.88
50	3.26	2.71	2.22	1.81	1.46	1.19	0.99	0.85
60	2.99	2.49	2.04	1.66	1.35	1.10	0.91	0.79
70	2.67	2.22	1.82	1.49	1.20	0.98	0.81	0.70
80	2.34	1.94	1.60	1.30	1.05	0.86	0.71	0.62
90	2.02	1.68	1.38	1.12	0.91	0.74	0.62	0.53

4 Oak

4.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	1.72	1.43	1.18	0.96	0.78	0.63	0.53	0.46
110	1.46	1.21	1.00	0.81	0.66	0.54	0.45	0.39
120	1.23	1.02	0.84	0.68	0.56	0.45	0.38	0.33
130	1.03	0.86	0.70	0.57	0.46	0.38	0.31	0.27
140	0.86	0.71	0.59	0.48	0.39	0.32	0.26	0.23
150	0.72	0.59	0.49	0.40	0.32	0.26	0.22	0.19
160	0.59	0.49	0.41	0.33	0.27	0.22	0.18	0.16
170	0.49	0.41	0.34	0.27	0.22	0.18	0.15	0.13
180	0.41	0.34	0.28	0.23	0.18	0.15	0.12	0.11

4. Oak

4.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ib Site Index				
10		8.18	7.44	6.62	5.77	4.93	4.11	3.34
15	11.25	10.53	9.70	8.81	7.86	6.90	5.95	5.03
20	12.91	12.14	11.28	10.36	9.39	8.39	7.39	6.40
25	13.97	13.18	12.32	11.39	10.43	9.44	8.43	7.42
30	14.58	13.78	12.92	12.02	11.08	10.11	9.12	8.12
35	14.84	14.04	13.19	12.32	11.41	10.48	9.52	8.55
40	14.83	14.03	13.21	12.36	11.49	10.60	9.68	8.75
45	14.62	13.83	13.03	12.21	11.38	10.53	9.65	8.76
50	14.26	13.49	12.71	11.92	11.12	10.31	9.48	8.62
60	13.24	12.50	11.77	11.04	10.31	9.58	8.82	8.05
70	12.01	11.31	10.63	9.96	9.30	8.63	7.95	7.25
80	10.71	10.06	9.43	8.82	8.21	7.61	7.00	6.37
90	9.44	8.83	8.26	7.70	7.15	6.60	6.06	5.50
100	8.24	7.68	7.16	6.65	6.16	5.67	5.18	4.68
110	7.14	6.64	6.16	5.70	5.26	4.82	4.38	3.94
120	6.15	5.70	5.27	4.86	4.46	4.07	3.68	3.30
130	5.28	4.87	4.49	4.12	3.76	3.42	3.08	2.74
140	4.51	4.15	3.80	3.48	3.16	2.86	2.56	2.27
150	3.85	3.52	3.22	2.93	2.65	2.38	2.12	1.87
160	3.27	2.98	2.71	2.46	2.21	1.98	1.75	1.53
170	2.78	2.52	2.28	2.06	1.85	1.64	1.45	1.26
180	2.35	2.13	1.92	1.72	1.54	1.36	1.19	1.03
				Ia Site Index				
10	7.49	6.84	6.13	5.37	4.61	3.87	3.18	2.55
15	9.38	8.67	7.89	7.08	6.24	5.41	4.60	3.84
20	10.65	9.91	9.12	8.29	7.44	6.58	5.73	4.92
25	11.46	10.72	9.93	9.12	8.28	7.43	6.58	5.74
30	11.92	11.19	10.42	9.63	8.82	7.99	7.17	6.34
35	12.11	11.40	10.66	9.90	9.12	8.33	7.54	6.74
40	12.11	11.41	10.70	9.97	9.23	8.48	7.72	6.96
45	11.95	11.27	10.59	9.90	9.20	8.49	7.77	7.03
50	11.68	11.02	10.36	9.71	9.04	8.37	7.69	6.99
60	10.90	10.29	9.69	9.09	8.50	7.90	7.29	6.66
70	9.96	9.39	8.84	8.31	7.77	7.23	6.69	6.13
80	8.95	8.43	7.94	7.45	6.97	6.49	6.00	5.49
90	7.96	7.49	7.03	6.59	6.16	5.72	5.29	4.84
100	7.01	6.58	6.17	5.77	5.38	4.99	4.60	4.20
110	6.14	5.75	5.38	5.02	4.67	4.32	3.96	3.61
120	5.35	4.99	4.66	4.33	4.02	3.71	3.39	3.07
130	4.63	4.32	4.02	3.73	3.44	3.16	2.88	2.60
140	4.00	3.72	3.45	3.19	2.94	2.69	2.44	2.19
150	3.45	3.19	2.95	2.72	2.50	2.28	2.06	1.84
160	2.96	2.74	2.52	2.32	2.12	1.92	1.73	1.54
170	2.54	2.34	2.15	1.97	1.79	1.62	1.45	1.28

4. Oak

4.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
180	2.18	2.00	1.83	1.67	1.51	1.36	1.21	1.07
				I Site Index				
10	6.00	5.40	4.76	4.11	3.48	2.88	2.33	1.83
15	7.53	6.88	6.18	5.48	4.77	4.08	3.43	2.83
20	8.57	7.90	7.19	6.47	5.74	5.03	4.34	3.69
25	9.24	8.57	7.88	7.17	6.45	5.74	5.04	4.37
30	9.63	8.98	8.30	7.62	6.93	6.24	5.56	4.89
35	9.81	9.18	8.53	7.88	7.22	6.56	5.90	5.25
40	9.83	9.22	8.60	7.98	7.36	6.73	6.11	5.48
45	9.72	9.13	8.55	7.96	7.37	6.78	6.19	5.60
50	9.52	8.96	8.40	7.85	7.30	6.74	6.18	5.62
60	8.92	8.41	7.91	7.42	6.94	6.45	5.95	5.45
70	8.18	7.72	7.28	6.84	6.41	5.97	5.53	5.09
80	7.39	6.97	6.57	6.18	5.80	5.42	5.03	4.63
90	6.59	6.22	5.86	5.52	5.17	4.83	4.49	4.13
100	5.83	5.50	5.18	4.87	4.56	4.26	3.95	3.63
110	5.12	4.82	4.54	4.26	3.99	3.72	3.44	3.16
120	4.48	4.21	3.95	3.71	3.46	3.22	2.98	2.72
130	3.89	3.66	3.43	3.21	2.99	2.78	2.56	2.33
140	3.38	3.16	2.96	2.77	2.57	2.38	2.19	1.99
150	2.92	2.73	2.55	2.38	2.20	2.03	1.86	1.68
160	2.52	2.35	2.19	2.04	1.88	1.73	1.58	1.42
170	2.17	2.02	1.88	1.74	1.60	1.47	1.34	1.20
180	1.86	1.73	1.61	1.48	1.37	1.25	1.13	1.01
				II Site Index				
10	4.46	3.96	3.44	2.93	2.45	2.00	1.59	1.24
15	5.74	5.18	4.60	4.03	3.47	2.94	2.45	2.00
20	6.63	6.05	5.46	4.86	4.28	3.72	3.18	2.68
25	7.23	6.65	6.06	5.47	4.89	4.32	3.77	3.25
30	7.59	7.03	6.46	5.88	5.32	4.76	4.22	3.70
35	7.78	7.23	6.69	6.14	5.60	5.06	4.54	4.03
40	7.83	7.30	6.78	6.27	5.76	5.25	4.75	4.25
45	7.76	7.27	6.78	6.29	5.81	5.33	4.86	4.39
50	7.62	7.15	6.69	6.23	5.78	5.33	4.89	4.44
60	7.16	6.74	6.34	5.94	5.55	5.15	4.76	4.37
70	6.57	6.20	5.85	5.50	5.16	4.82	4.47	4.12
80	5.93	5.61	5.30	4.99	4.69	4.39	4.09	3.79
90	5.29	5.00	4.73	4.46	4.20	3.94	3.67	3.40
100	4.67	4.42	4.18	3.95	3.72	3.49	3.25	3.01
110	4.09	3.87	3.66	3.46	3.26	3.05	2.85	2.63
120	3.56	3.37	3.19	3.01	2.83	2.65	2.47	2.28
130	3.09	2.92	2.76	2.60	2.45	2.29	2.13	1.96
140	2.67	2.52	2.38	2.24	2.11	1.97	1.82	1.68
150	2.30	2.17	2.05	1.93	1.80	1.68	1.56	1.43
160	1.98	1.87	1.76	1.65	1.54	1.43	1.32	1.21

4. Oak

4.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
170	1.70	1.60	1.50	1.41	1.31	1.22	1.12	1.02
180	1.45	1.37	1.28	1.20	1.12	1.03	0.95	0.86
				III Site Index				
10		2.63	2.26	1.90	1.57	1.27	1.00	0.78
15	4.04	3.61	3.18	2.76	2.35	1.98	1.64	1.33
20	4.80	4.34	3.89	3.44	3.00	2.59	2.21	1.86
25	5.33	4.87	4.41	3.95	3.52	3.09	2.69	2.32
30	5.67	5.21	4.77	4.32	3.89	3.48	3.08	2.70
35	5.86	5.42	4.99	4.57	4.15	3.75	3.36	2.99
40	5.93	5.51	5.10	4.70	4.31	3.93	3.55	3.19
45	5.90	5.51	5.13	4.75	4.38	4.02	3.67	3.32
50	5.80	5.44	5.08	4.73	4.38	4.05	3.72	3.39
60	5.46	5.14	4.83	4.53	4.23	3.94	3.65	3.37
70	5.00	4.72	4.46	4.20	3.95	3.70	3.45	3.20
80	4.49	4.25	4.02	3.80	3.59	3.37	3.16	2.95
90	3.97	3.77	3.58	3.39	3.20	3.02	2.84	2.65
100	3.48	3.31	3.14	2.98	2.82	2.67	2.51	2.34
110	3.02	2.87	2.73	2.60	2.46	2.32	2.19	2.05
120	2.61	2.48	2.36	2.24	2.13	2.01	1.89	1.77
130	2.24	2.13	2.03	1.93	1.83	1.73	1.62	1.51
140	1.91	1.82	1.73	1.65	1.56	1.47	1.38	1.29
150	1.63	1.55	1.48	1.40	1.33	1.25	1.17	1.09
160	1.39	1.32	1.26	1.19	1.13	1.06	0.99	0.92
170	1.17	1.12	1.06	1.01	0.95	0.89	0.83	0.77
180	0.99	0.95	0.90	0.85	0.80	0.75	0.70	0.65
				IV Site Index				
10								
15		2.17	1.90	1.64	1.40	1.18	0.98	0.80
20	3.01	2.71	2.42	2.14	1.87	1.62	1.39	1.18
25	3.43	3.12	2.82	2.53	2.25	1.99	1.75	1.52
30	3.71	3.41	3.11	2.82	2.55	2.29	2.04	1.81
35	3.88	3.58	3.30	3.02	2.76	2.51	2.26	2.04
40	3.95	3.67	3.40	3.14	2.89	2.65	2.42	2.20
45	3.95	3.69	3.43	3.19	2.96	2.74	2.52	2.32
50	3.89	3.64	3.41	3.19	2.97	2.77	2.57	2.38
60	3.64	3.44	3.24	3.06	2.88	2.70	2.53	2.37
70	3.31	3.14	2.98	2.82	2.67	2.53	2.39	2.25
80	2.94	2.80	2.66	2.53	2.41	2.29	2.18	2.06
90	2.56	2.45	2.34	2.23	2.13	2.03	1.94	1.84
100	2.21	2.12	2.03	1.94	1.86	1.78	1.70	1.62
110	1.89	1.81	1.74	1.67	1.60	1.53	1.46	1.39
120	1.60	1.54	1.48	1.42	1.36	1.31	1.25	1.19
130	1.35	1.30	1.25	1.20	1.15	1.11	1.06	1.01
140	1.13	1.09	1.05	1.01	0.97	0.93	0.89	0.85
150	0.95	0.91	0.88	0.85	0.81	0.78	0.74	0.71

4. Oak

4.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.79	0.76	0.74	0.71	0.68	0.65	0.62	0.59
170	0.66	0.64	0.61	0.59	0.57	0.54	0.52	0.49
180	0.55	0.53	0.51	0.49	0.47	0.45	0.43	0.40

4. Oak

4.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ib Site Index				
10		1.53	1.78	1.92	1.97	1.98	1.97	1.95
15	2.40	2.89	3.22	3.43	3.53	3.56	3.52	3.46
20	3.43	3.98	4.38	4.64	4.79	4.84	4.82	4.74
25	4.24	4.81	5.24	5.54	5.73	5.81	5.81	5.73
30	4.83	5.41	5.85	6.18	6.39	6.50	6.51	6.44
35	5.25	5.81	6.25	6.58	6.81	6.94	6.96	6.90
40	5.51	6.04	6.47	6.80	7.03	7.17	7.20	7.15
45	5.66	6.15	6.55	6.87	7.09	7.23	7.27	7.22
50	5.70	6.15	6.52	6.82	7.03	7.16	7.21	7.16
60	5.56	5.92	6.23	6.47	6.65	6.76	6.79	6.74
70	5.23	5.51	5.74	5.93	6.07	6.14	6.16	6.10
80	4.80	5.00	5.17	5.30	5.40	5.44	5.43	5.36
90	4.33	4.46	4.57	4.66	4.71	4.73	4.70	4.62
100	3.85	3.93	3.99	4.04	4.06	4.05	4.01	3.93
110	3.39	3.42	3.45	3.46	3.46	3.44	3.38	3.30
120	2.96	2.96	2.96	2.95	2.93	2.89	2.83	2.75
130	2.57	2.55	2.52	2.50	2.46	2.41	2.35	2.27
140	2.22	2.18	2.14	2.10	2.06	2.01	1.94	1.87
150	1.91	1.86	1.81	1.76	1.71	1.66	1.60	1.53
160	1.64	1.58	1.53	1.48	1.42	1.37	1.31	1.25
170	1.40	1.34	1.28	1.23	1.18	1.13	1.07	1.01
180	1.19	1.13	1.08	1.02	0.97	0.92	0.87	0.82
				Ia Site Index				
10	1.02	1.28	1.42	1.48	1.48	1.45	1.41	1.37
15	1.93	2.27	2.49	2.61	2.65	2.64	2.58	2.51
20	2.66	3.07	3.35	3.53	3.62	3.63	3.59	3.50
25	3.24	3.68	4.01	4.23	4.36	4.40	4.38	4.29
30	3.68	4.13	4.49	4.74	4.90	4.97	4.97	4.89
35	3.99	4.45	4.81	5.08	5.26	5.36	5.37	5.31
40	4.20	4.64	5.01	5.29	5.48	5.59	5.62	5.57
45	4.32	4.75	5.10	5.38	5.58	5.70	5.74	5.70
50	4.37	4.78	5.12	5.38	5.58	5.70	5.75	5.71
60	4.31	4.66	4.96	5.20	5.38	5.50	5.54	5.51
70	4.12	4.40	4.65	4.85	5.01	5.10	5.14	5.10
80	3.83	4.06	4.26	4.42	4.54	4.61	4.63	4.59
90	3.51	3.68	3.83	3.96	4.05	4.10	4.10	4.05
100	3.17	3.30	3.41	3.50	3.56	3.58	3.57	3.52
110	2.84	2.92	3.00	3.06	3.09	3.10	3.08	3.02
120	2.52	2.57	2.62	2.66	2.67	2.67	2.63	2.57
130	2.22	2.25	2.28	2.29	2.29	2.27	2.23	2.17
140	1.95	1.96	1.97	1.97	1.96	1.93	1.89	1.82
150	1.70	1.70	1.69	1.68	1.66	1.63	1.59	1.53
160	1.48	1.47	1.45	1.43	1.41	1.37	1.33	1.27
170	1.29	1.27	1.24	1.22	1.19	1.15	1.11	1.06

4. Oak

4.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
180	1.12	1.09	1.06	1.03	1.00	0.97	0.92	0.87
				I Site Index				
10	0.81	0.97	1.04	1.05	1.02	0.97	0.92	0.88
15	1.46	1.70	1.83	1.90	1.90	1.86	1.80	1.72
20	2.00	2.29	2.49	2.60	2.65	2.63	2.57	2.48
25	2.42	2.76	3.00	3.16	3.24	3.26	3.21	3.12
30	2.75	3.12	3.39	3.58	3.69	3.73	3.71	3.63
35	2.99	3.37	3.66	3.88	4.01	4.08	4.07	4.01
40	3.16	3.54	3.84	4.07	4.22	4.31	4.32	4.26
45	3.26	3.64	3.94	4.18	4.34	4.44	4.46	4.42
50	3.32	3.68	3.98	4.21	4.38	4.49	4.52	4.48
60	3.30	3.63	3.91	4.13	4.30	4.40	4.44	4.42
70	3.18	3.46	3.70	3.90	4.05	4.15	4.19	4.17
80	2.98	3.22	3.43	3.60	3.73	3.81	3.84	3.82
90	2.75	2.95	3.12	3.26	3.37	3.43	3.45	3.42
100	2.51	2.67	2.80	2.92	3.00	3.04	3.05	3.02
110	2.26	2.38	2.49	2.58	2.64	2.67	2.67	2.63
120	2.02	2.12	2.20	2.26	2.31	2.32	2.31	2.27
130	1.80	1.87	1.93	1.97	2.00	2.01	1.99	1.94
140	1.59	1.64	1.68	1.71	1.73	1.72	1.70	1.65
150	1.40	1.43	1.46	1.48	1.48	1.47	1.45	1.40
160	1.22	1.25	1.26	1.27	1.27	1.25	1.23	1.18
170	1.07	1.08	1.09	1.09	1.08	1.07	1.04	0.99
180	0.93	0.94	0.94	0.94	0.92	0.90	0.87	0.83
				II Site Index				
10	0.53	0.63	0.67	0.66	0.63	0.58	0.53	0.48
15	0.99	1.16	1.25	1.28	1.27	1.23	1.16	1.08
20	1.39	1.61	1.75	1.83	1.85	1.82	1.76	1.66
25	1.71	1.97	2.16	2.28	2.33	2.32	2.27	2.18
30	1.96	2.26	2.48	2.62	2.71	2.73	2.69	2.60
35	2.15	2.47	2.71	2.88	2.99	3.03	3.01	2.93
40	2.29	2.61	2.87	3.06	3.18	3.24	3.24	3.17
45	2.38	2.70	2.97	3.17	3.31	3.38	3.39	3.33
50	2.43	2.75	3.02	3.22	3.37	3.45	3.47	3.42
60	2.43	2.74	2.99	3.20	3.34	3.44	3.47	3.44
70	2.35	2.62	2.86	3.05	3.19	3.28	3.31	3.29
80	2.21	2.45	2.66	2.83	2.96	3.04	3.07	3.05
90	2.04	2.25	2.43	2.58	2.69	2.76	2.78	2.76
100	1.86	2.04	2.19	2.31	2.41	2.46	2.48	2.46
110	1.68	1.82	1.95	2.05	2.13	2.17	2.18	2.15
120	1.50	1.62	1.72	1.81	1.86	1.90	1.90	1.87
130	1.33	1.43	1.51	1.58	1.62	1.64	1.64	1.61
140	1.17	1.25	1.32	1.37	1.40	1.42	1.41	1.38
150	1.03	1.09	1.15	1.18	1.21	1.21	1.20	1.17
160	0.90	0.95	0.99	1.02	1.04	1.04	1.02	0.99

4. Oak

4.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
170	0.79	0.83	0.86	0.88	0.89	0.88	0.87	0.84
180	0.68	0.71	0.74	0.75	0.76	0.75	0.73	0.71
				III Site Index				
10		0.30	0.33	0.33	0.32	0.28	0.24	0.19
15	0.51	0.65	0.73	0.76	0.76	0.72	0.66	0.58
20	0.78	0.97	1.10	1.17	1.18	1.16	1.10	1.00
25	1.02	1.25	1.41	1.51	1.56	1.55	1.49	1.39
30	1.21	1.47	1.66	1.79	1.86	1.87	1.83	1.73
35	1.35	1.64	1.85	2.01	2.10	2.12	2.09	2.01
40	1.46	1.76	1.99	2.16	2.27	2.31	2.29	2.22
45	1.53	1.83	2.08	2.26	2.38	2.44	2.43	2.37
50	1.57	1.88	2.13	2.32	2.44	2.51	2.52	2.46
60	1.59	1.88	2.13	2.32	2.46	2.53	2.56	2.52
70	1.53	1.81	2.04	2.22	2.35	2.44	2.46	2.44
80	1.44	1.69	1.90	2.06	2.19	2.26	2.29	2.27
90	1.32	1.54	1.73	1.88	1.99	2.06	2.08	2.07
100	1.20	1.39	1.55	1.68	1.77	1.83	1.86	1.84
110	1.07	1.23	1.37	1.48	1.56	1.61	1.63	1.61
120	0.95	1.08	1.20	1.29	1.36	1.40	1.42	1.40
130	0.83	0.95	1.05	1.12	1.18	1.21	1.22	1.20
140	0.73	0.82	0.90	0.97	1.01	1.04	1.04	1.02
150	0.63	0.71	0.78	0.83	0.87	0.89	0.89	0.87
160	0.55	0.61	0.67	0.71	0.74	0.75	0.75	0.73
170	0.47	0.53	0.57	0.60	0.63	0.64	0.63	0.62
180	0.40	0.45	0.49	0.51	0.53	0.54	0.53	0.52
				IV Site Index				
10								
15			0.26	0.31	0.33	0.32	0.27	
20		0.34	0.48	0.56	0.60	0.59	0.54	0.45
25	0.27	0.50	0.68	0.79	0.85	0.86	0.81	0.71
30	0.38	0.65	0.85	0.99	1.07	1.08	1.05	0.95
35	0.47	0.76	0.98	1.14	1.24	1.27	1.24	1.16
40	0.54	0.84	1.08	1.26	1.37	1.41	1.40	1.32
45	0.59	0.90	1.15	1.33	1.46	1.51	1.51	1.44
50	0.62	0.93	1.19	1.38	1.51	1.58	1.58	1.52
60	0.65	0.95	1.20	1.39	1.53	1.61	1.63	1.59
70	0.63	0.92	1.15	1.34	1.47	1.55	1.58	1.55
80	0.60	0.85	1.06	1.23	1.36	1.43	1.46	1.45
90	0.54	0.77	0.96	1.11	1.22	1.29	1.32	1.31
100	0.49	0.68	0.85	0.98	1.08	1.14	1.17	1.16
110	0.43	0.60	0.74	0.85	0.94	0.99	1.02	1.01
120	0.37	0.52	0.64	0.74	0.81	0.85	0.87	0.87
130	0.32	0.44	0.55	0.63	0.69	0.73	0.74	0.74
140	0.27	0.38	0.46	0.53	0.58	0.61	0.63	0.62
150	0.23	0.32	0.39	0.45	0.49	0.52	0.53	0.52

4. Oak

4.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.20	0.27	0.33	0.38	0.41	0.43	0.44	0.43
170	0.17	0.23	0.28	0.32	0.34	0.36	0.37	0.36
180	0.14	0.19	0.23	0.26	0.29	0.30	0.30	0.30

4. Oak

4.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ib Site Index				
5	31.346	31.146	30.958	30.782	30.618	30.466	30.326	30.198
10	14.977	14.884	14.796	14.714	14.638	14.568	14.504	14.445
15	9.535	9.477	9.423	9.372	9.326	9.282	9.243	9.207
20	6.824	6.784	6.747	6.712	6.679	6.650	6.623	6.598
25	5.207	5.177	5.149	5.123	5.100	5.078	5.058	5.040
30	4.135	4.112	4.091	4.071	4.053	4.037	4.022	4.008
35	3.376	3.358	3.341	3.326	3.311	3.299	3.287	3.277
40	2.812	2.797	2.784	2.771	2.760	2.750	2.741	2.733
45	2.377	2.366	2.355	2.345	2.336	2.327	2.320	2.314
50	2.034	2.024	2.015	2.007	2.000	1.993	1.987	1.982
60	1.529	1.522	1.516	1.511	1.506	1.501	1.498	1.494
70	1.179	1.174	1.170	1.166	1.163	1.160	1.158	1.156
80	0.926	0.923	0.920	0.917	0.915	0.913	0.912	0.911
90	0.737	0.735	0.733	0.731	0.730	0.729	0.728	0.727
100	0.593	0.591	0.590	0.589	0.588	0.587	0.587	0.587
110	0.480	0.479	0.478	0.478	0.477	0.477	0.477	0.477
120	0.391	0.391	0.390	0.390	0.390	0.390	0.390	0.390
130	0.321	0.320	0.320	0.320	0.320	0.320	0.320	0.321
140	0.264	0.263	0.263	0.263	0.264	0.264	0.264	0.265
150	0.217	0.217	0.218	0.218	0.218	0.218	0.219	0.219
160	0.180	0.180	0.180	0.180	0.181	0.181	0.182	0.182
170	0.149	0.149	0.149	0.150	0.150	0.150	0.151	0.151
180	0.124	0.124	0.124	0.124	0.125	0.125	0.126	0.126
				Ia Site Index				
5	31.191	31.053	30.927	30.814	30.712	30.622	30.545	30.479
10	14.923	14.859	14.800	14.748	14.701	14.660	14.625	14.595
15	9.513	9.474	9.438	9.405	9.377	9.352	9.331	9.313
20	6.819	6.791	6.766	6.744	6.724	6.707	6.693	6.682
25	5.210	5.190	5.171	5.155	5.141	5.128	5.118	5.110
30	4.144	4.129	4.114	4.102	4.091	4.082	4.075	4.069
35	3.388	3.376	3.365	3.355	3.347	3.340	3.334	3.330
40	2.827	2.817	2.808	2.800	2.794	2.788	2.784	2.781
45	2.394	2.386	2.379	2.372	2.367	2.363	2.360	2.357
50	2.051	2.045	2.039	2.034	2.030	2.027	2.024	2.022
60	1.547	1.543	1.539	1.535	1.533	1.531	1.529	1.529
70	1.197	1.194	1.192	1.189	1.188	1.187	1.186	1.186
80	0.944	0.942	0.940	0.938	0.938	0.937	0.937	0.937
90	0.754	0.753	0.751	0.751	0.750	0.750	0.750	0.750
100	0.609	0.608	0.607	0.606	0.606	0.606	0.607	0.607
110	0.495	0.494	0.494	0.494	0.494	0.494	0.495	0.495
120	0.405	0.405	0.405	0.405	0.405	0.405	0.406	0.406
130	0.333	0.333	0.333	0.333	0.334	0.334	0.335	0.335
140	0.275	0.275	0.275	0.276	0.276	0.276	0.277	0.278
150	0.228	0.228	0.228	0.229	0.229	0.229	0.230	0.231

4. Oak

4.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.190	0.190	0.190	0.190	0.191	0.191	0.192	0.192
170	0.158	0.158	0.158	0.159	0.159	0.159	0.160	0.161
180	0.132	0.132	0.132	0.132	0.133	0.133	0.134	0.134
				I Site Index				
5	31.982	31.907	31.844	31.792	31.753	31.726	31.711	31.708
10	15.304	15.269	15.240	15.217	15.199	15.188	15.182	15.182
15	9.758	9.737	9.719	9.705	9.695	9.688	9.686	9.686
20	6.995	6.981	6.969	6.959	6.953	6.949	6.947	6.949
25	5.346	5.335	5.326	5.320	5.315	5.313	5.312	5.314
30	4.253	4.245	4.238	4.233	4.230	4.229	4.229	4.230
35	3.478	3.472	3.467	3.463	3.461	3.460	3.460	3.462
40	2.902	2.897	2.893	2.890	2.889	2.888	2.889	2.890
45	2.458	2.454	2.451	2.449	2.448	2.448	2.448	2.450
50	2.107	2.104	2.101	2.100	2.099	2.099	2.100	2.102
60	1.590	1.588	1.586	1.585	1.585	1.585	1.586	1.588
70	1.231	1.229	1.229	1.228	1.228	1.229	1.230	1.232
80	0.971	0.970	0.969	0.969	0.969	0.970	0.971	0.973
90	0.776	0.775	0.775	0.775	0.776	0.776	0.777	0.779
100	0.626	0.626	0.626	0.626	0.627	0.628	0.629	0.630
110	0.510	0.510	0.510	0.510	0.511	0.512	0.513	0.514
120	0.418	0.418	0.418	0.418	0.419	0.419	0.420	0.422
130	0.344	0.344	0.344	0.344	0.345	0.346	0.347	0.348
140	0.284	0.284	0.284	0.285	0.285	0.286	0.287	0.288
150	0.235	0.236	0.236	0.236	0.237	0.237	0.238	0.239
160	0.196	0.196	0.196	0.197	0.197	0.198	0.198	0.199
170	0.163	0.163	0.164	0.164	0.164	0.165	0.166	0.166
180	0.136	0.136	0.137	0.137	0.137	0.138	0.138	0.139
				II Site Index				
5	33.717	33.704	33.703	33.714	33.738	33.773	33.820	33.880
10	16.117	16.112	16.112	16.118	16.130	16.148	16.172	16.201
15	10.266	10.263	10.264	10.268	10.276	10.288	10.304	10.323
20	7.352	7.350	7.351	7.354	7.360	7.369	7.381	7.395
25	5.612	5.611	5.612	5.615	5.620	5.627	5.636	5.647
30	4.460	4.459	4.460	4.463	4.467	4.473	4.480	4.489
35	3.643	3.642	3.643	3.646	3.649	3.655	3.661	3.669
40	3.036	3.036	3.037	3.039	3.042	3.046	3.052	3.058
45	2.568	2.568	2.569	2.571	2.574	2.578	2.583	2.589
50	2.199	2.199	2.200	2.202	2.204	2.208	2.212	2.217
60	1.655	1.655	1.656	1.657	1.660	1.662	1.666	1.670
70	1.278	1.278	1.279	1.280	1.282	1.284	1.287	1.291
80	1.005	1.005	1.006	1.007	1.009	1.011	1.013	1.016
90	0.801	0.801	0.802	0.803	0.804	0.806	0.808	0.810
100	0.645	0.645	0.646	0.647	0.648	0.649	0.651	0.653
110	0.523	0.524	0.524	0.525	0.526	0.527	0.529	0.531
120	0.427	0.428	0.428	0.429	0.430	0.431	0.432	0.434

4. Oak

4.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
130	0.350	0.351	0.351	0.352	0.353	0.354	0.355	0.356
140	0.289	0.289	0.289	0.290	0.291	0.292	0.293	0.294
150	0.239	0.239	0.239	0.240	0.240	0.241	0.242	0.243
160	0.198	0.198	0.198	0.199	0.199	0.200	0.201	0.201
170	0.164	0.164	0.165	0.165	0.166	0.166	0.167	0.167
180	0.136	0.137	0.137	0.137	0.138	0.138	0.139	0.139
				III Site Index				
5	36.386	36.435	36.497	36.570	36.655	36.753	36.862	36.984
10	17.355	17.379	17.408	17.443	17.484	17.531	17.583	17.642
15	11.029	11.045	11.063	11.086	11.112	11.142	11.175	11.212
20	7.880	7.891	7.904	7.920	7.939	7.961	7.985	8.011
25	6.001	6.009	6.019	6.032	6.046	6.063	6.081	6.101
30	4.757	4.764	4.772	4.782	4.793	4.806	4.821	4.837
35	3.876	3.881	3.888	3.896	3.906	3.916	3.928	3.942
40	3.222	3.226	3.232	3.239	3.246	3.255	3.265	3.277
45	2.719	2.722	2.727	2.733	2.739	2.747	2.756	2.765
50	2.321	2.324	2.328	2.333	2.339	2.345	2.353	2.361
60	1.737	1.740	1.743	1.746	1.751	1.756	1.761	1.767
70	1.334	1.336	1.338	1.341	1.344	1.348	1.352	1.357
80	1.042	1.044	1.046	1.048	1.051	1.054	1.057	1.061
90	0.826	0.827	0.828	0.830	0.832	0.835	0.838	0.841
100	0.661	0.662	0.663	0.664	0.666	0.668	0.670	0.673
110	0.533	0.533	0.534	0.535	0.537	0.539	0.540	0.542
120	0.432	0.432	0.433	0.434	0.435	0.437	0.438	0.440
130	0.352	0.352	0.353	0.354	0.355	0.356	0.357	0.359
140	0.288	0.288	0.289	0.289	0.290	0.291	0.292	0.293
150	0.236	0.236	0.237	0.237	0.238	0.239	0.240	0.241
160	0.194	0.194	0.195	0.195	0.196	0.196	0.197	0.198
170	0.160	0.160	0.161	0.161	0.161	0.162	0.162	0.163
180	0.132	0.132	0.132	0.133	0.133	0.134	0.134	0.135
				IV Site Index				
5	39.975	40.085	40.208	40.343	40.490	40.649	40.819	41.002
10	19.002	19.054	19.112	19.175	19.245	19.320	19.400	19.487
15	12.034	12.067	12.103	12.143	12.186	12.233	12.284	12.338
20	8.567	8.590	8.615	8.643	8.674	8.707	8.743	8.782
25	6.500	6.517	6.536	6.557	6.580	6.605	6.632	6.662
30	5.133	5.146	5.161	5.178	5.196	5.215	5.237	5.260
35	4.166	4.177	4.189	4.202	4.216	4.232	4.249	4.268
40	3.449	3.458	3.468	3.478	3.490	3.503	3.517	3.532
45	2.899	2.906	2.914	2.923	2.933	2.943	2.955	2.968
50	2.464	2.470	2.477	2.485	2.493	2.502	2.512	2.523
60	1.828	1.833	1.838	1.843	1.849	1.856	1.863	1.871
70	1.391	1.394	1.398	1.402	1.406	1.411	1.417	1.423
80	1.077	1.080	1.082	1.085	1.089	1.092	1.097	1.101
90	0.845	0.847	0.849	0.851	0.854	0.857	0.860	0.863

4. Oak

4.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
100	0.669	0.671	0.672	0.674	0.676	0.678	0.681	0.683
110	0.534	0.535	0.536	0.538	0.539	0.541	0.543	0.545
120	0.429	0.429	0.430	0.431	0.432	0.434	0.435	0.437
130	0.345	0.346	0.347	0.347	0.348	0.349	0.351	0.352
140	0.279	0.280	0.280	0.281	0.282	0.283	0.283	0.284
150	0.227	0.227	0.227	0.228	0.228	0.229	0.230	0.231
160	0.184	0.184	0.185	0.185	0.186	0.186	0.187	0.187
170	0.150	0.150	0.150	0.151	0.151	0.152	0.152	0.152
180	0.122	0.123	0.123	0.123	0.123	0.124	0.124	0.124

4. Oak

4.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ib Site Index				
10		17.737	18.120	18.635	19.281	20.057	20.961	21.991
15	11.146	11.293	11.524	11.837	12.230	12.704	13.255	13.882
20	7.987	8.084	8.239	8.452	8.721	9.045	9.421	9.849
25	6.101	6.169	6.280	6.433	6.628	6.863	7.137	7.448
30	4.852	4.900	4.982	5.097	5.243	5.421	5.627	5.861
35	3.966	4.001	4.063	4.150	4.263	4.400	4.559	4.740
40	3.307	3.332	3.380	3.448	3.536	3.643	3.768	3.909
45	2.800	2.818	2.854	2.908	2.977	3.062	3.161	3.273
50	2.399	2.411	2.439	2.481	2.536	2.604	2.683	2.772
60	1.808	1.813	1.829	1.854	1.889	1.932	1.983	2.040
70	1.398	1.399	1.407	1.422	1.443	1.471	1.503	1.539
80	1.102	1.099	1.102	1.110	1.122	1.139	1.159	1.181
90	0.879	0.875	0.874	0.878	0.884	0.894	0.905	0.918
100	0.709	0.704	0.701	0.701	0.704	0.708	0.714	0.721
110	0.577	0.570	0.566	0.564	0.564	0.565	0.567	0.569
120	0.472	0.465	0.460	0.457	0.455	0.454	0.453	0.452
130	0.388	0.381	0.376	0.372	0.368	0.366	0.363	0.361
140	0.320	0.313	0.308	0.304	0.300	0.296	0.293	0.289
150	0.265	0.259	0.253	0.249	0.244	0.240	0.236	0.232
160	0.220	0.214	0.209	0.204	0.200	0.195	0.191	0.187
170	0.183	0.177	0.172	0.168	0.163	0.159	0.155	0.150
180	0.152	0.147	0.143	0.138	0.134	0.130	0.126	0.121
				Ia Site Index				
10	16.924	17.238	17.686	18.268	18.982	19.828	20.802	21.904
15	10.817	11.008	11.284	11.643	12.084	12.606	13.208	13.887
20	7.773	7.904	8.094	8.343	8.649	9.011	9.427	9.896
25	5.955	6.050	6.190	6.373	6.599	6.865	7.172	7.517
30	4.749	4.821	4.927	5.068	5.241	5.445	5.680	5.943
35	3.894	3.949	4.032	4.142	4.278	4.439	4.623	4.829
40	3.257	3.301	3.367	3.454	3.563	3.691	3.839	4.003
45	2.767	2.801	2.854	2.925	3.013	3.117	3.235	3.368
50	2.378	2.405	2.448	2.505	2.577	2.662	2.759	2.867
60	1.804	1.821	1.850	1.888	1.937	1.995	2.060	2.133
70	1.405	1.416	1.434	1.460	1.494	1.533	1.578	1.627
80	1.115	1.121	1.133	1.150	1.173	1.200	1.230	1.264
90	0.897	0.899	0.907	0.918	0.933	0.952	0.972	0.994
100	0.729	0.729	0.734	0.741	0.750	0.762	0.776	0.790
110	0.597	0.596	0.598	0.602	0.608	0.615	0.624	0.632
120	0.492	0.491	0.491	0.492	0.496	0.500	0.504	0.509
130	0.408	0.406	0.405	0.405	0.406	0.408	0.410	0.412
140	0.340	0.337	0.335	0.334	0.334	0.334	0.334	0.334
150	0.284	0.281	0.278	0.277	0.275	0.274	0.273	0.272
160	0.238	0.234	0.232	0.230	0.228	0.226	0.224	0.222
170	0.199	0.196	0.193	0.191	0.189	0.186	0.184	0.181

4. Oak

4.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
180	0.168	0.164	0.162	0.159	0.157	0.154	0.151	0.148
				I Site Index				
10	16.957	17.334	17.845	18.490	19.269	20.179	21.219	22.388
15	10.846	11.080	11.399	11.802	12.287	12.854	13.501	14.226
20	7.801	7.964	8.187	8.469	8.809	9.205	9.657	10.163
25	5.981	6.103	6.269	6.479	6.732	7.028	7.363	7.738
30	4.775	4.868	4.997	5.160	5.357	5.585	5.845	6.134
35	3.918	3.993	4.095	4.225	4.381	4.563	4.768	4.997
40	3.281	3.341	3.424	3.529	3.655	3.802	3.969	4.153
45	2.789	2.838	2.906	2.993	3.097	3.217	3.353	3.504
50	2.399	2.440	2.496	2.568	2.655	2.754	2.867	2.991
60	1.824	1.852	1.892	1.943	2.003	2.073	2.152	2.238
70	1.424	1.443	1.472	1.508	1.551	1.601	1.657	1.718
80	1.132	1.146	1.166	1.192	1.224	1.259	1.299	1.342
90	0.912	0.922	0.937	0.956	0.978	1.004	1.032	1.063
100	0.743	0.750	0.760	0.774	0.790	0.809	0.829	0.850
110	0.610	0.615	0.622	0.632	0.643	0.656	0.670	0.685
120	0.505	0.507	0.512	0.519	0.527	0.536	0.545	0.555
130	0.419	0.421	0.424	0.428	0.434	0.440	0.446	0.452
140	0.350	0.350	0.352	0.355	0.359	0.362	0.366	0.370
150	0.293	0.293	0.294	0.295	0.297	0.299	0.301	0.303
160	0.246	0.245	0.246	0.246	0.247	0.248	0.249	0.249
170	0.207	0.206	0.206	0.206	0.206	0.206	0.206	0.205
180	0.174	0.173	0.173	0.172	0.172	0.171	0.171	0.169
				II Site Index				
10	17.590	18.026	18.598	19.304	20.143	21.114	22.216	23.447
15	11.238	11.513	11.872	12.315	12.841	13.449	14.137	14.905
20	8.073	8.267	8.521	8.834	9.204	9.631	10.114	10.651
25	6.183	6.329	6.520	6.754	7.032	7.352	7.713	8.114
30	4.930	5.044	5.193	5.377	5.593	5.843	6.123	6.434
35	4.041	4.133	4.252	4.400	4.573	4.773	4.996	5.244
40	3.379	3.454	3.553	3.673	3.815	3.977	4.159	4.360
45	2.869	2.932	3.013	3.113	3.231	3.365	3.515	3.680
50	2.465	2.518	2.586	2.670	2.769	2.881	3.006	3.143
60	1.869	1.907	1.957	2.017	2.088	2.168	2.257	2.353
70	1.454	1.483	1.519	1.564	1.616	1.674	1.739	1.808
80	1.153	1.174	1.202	1.235	1.274	1.317	1.364	1.414
90	0.927	0.943	0.964	0.989	1.017	1.049	1.084	1.121
100	0.753	0.765	0.781	0.799	0.821	0.845	0.871	0.897
110	0.616	0.625	0.637	0.652	0.668	0.686	0.705	0.724
120	0.508	0.515	0.524	0.535	0.547	0.560	0.574	0.588
130	0.420	0.426	0.433	0.441	0.450	0.459	0.469	0.479
140	0.350	0.354	0.359	0.365	0.371	0.378	0.385	0.392
150	0.292	0.295	0.299	0.303	0.308	0.313	0.317	0.322
160	0.244	0.246	0.249	0.252	0.256	0.259	0.262	0.265

4. Oak

4.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
170	0.205	0.206	0.208	0.210	0.213	0.215	0.217	0.218
180	0.172	0.173	0.174	0.176	0.177	0.179	0.180	0.180
				III Site Index				
10	18.810	19.306	19.935	20.699	21.595	22.623	23.782	25.070
15	11.981	12.295	12.693	13.173	13.737	14.382	15.107	15.911
20	8.580	8.803	9.085	9.426	9.823	10.278	10.788	11.352
25	6.550	6.719	6.932	7.189	7.488	7.829	8.212	8.633
30	5.205	5.339	5.506	5.708	5.942	6.208	6.506	6.834
35	4.252	4.360	4.496	4.658	4.846	5.060	5.299	5.560
40	3.544	3.633	3.745	3.878	4.033	4.207	4.402	4.615
45	2.998	3.073	3.166	3.278	3.406	3.551	3.712	3.888
50	2.567	2.630	2.709	2.803	2.911	3.033	3.168	3.314
60	1.932	1.979	2.037	2.105	2.184	2.272	2.368	2.472
70	1.492	1.528	1.571	1.622	1.681	1.745	1.816	1.892
80	1.173	1.201	1.234	1.273	1.317	1.365	1.418	1.473
90	0.935	0.957	0.982	1.012	1.046	1.082	1.122	1.163
100	0.753	0.770	0.790	0.813	0.839	0.867	0.896	0.927
110	0.611	0.624	0.640	0.658	0.678	0.699	0.721	0.744
120	0.499	0.510	0.522	0.536	0.551	0.567	0.584	0.601
130	0.409	0.418	0.428	0.439	0.450	0.463	0.475	0.488
140	0.337	0.344	0.352	0.360	0.369	0.379	0.388	0.397
150	0.279	0.284	0.290	0.297	0.304	0.311	0.318	0.325
160	0.231	0.235	0.240	0.245	0.251	0.256	0.261	0.266
170	0.192	0.195	0.199	0.203	0.207	0.211	0.215	0.218
180	0.159	0.162	0.165	0.168	0.172	0.174	0.177	0.179
				IV Site Index				
10								
15			13.836	14.352	14.950	15.628	16.386	
20		9.549	9.857	10.223	10.645	11.124	11.657	12.244
25	7.061	7.251	7.485	7.761	8.079	8.438	8.838	9.276
30	5.581	5.732	5.916	6.133	6.382	6.663	6.974	7.315
35	4.534	4.656	4.805	4.981	5.181	5.407	5.656	5.928
40	3.757	3.858	3.982	4.126	4.291	4.475	4.679	4.900
45	3.160	3.246	3.349	3.470	3.607	3.760	3.928	4.111
50	2.689	2.762	2.850	2.952	3.067	3.196	3.337	3.490
60	1.999	2.054	2.118	2.193	2.277	2.370	2.472	2.580
70	1.524	1.566	1.615	1.671	1.734	1.803	1.877	1.956
80	1.183	1.215	1.253	1.296	1.344	1.395	1.451	1.509
90	0.930	0.955	0.985	1.018	1.055	1.094	1.136	1.180
100	0.738	0.759	0.782	0.808	0.836	0.866	0.898	0.931
110	0.590	0.607	0.625	0.646	0.667	0.691	0.715	0.740
120	0.475	0.488	0.503	0.519	0.536	0.554	0.572	0.591
130	0.384	0.394	0.406	0.419	0.432	0.446	0.460	0.474
140	0.311	0.320	0.329	0.339	0.350	0.361	0.372	0.382
150	0.253	0.260	0.268	0.276	0.284	0.292	0.301	0.308

4. Oak

4.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.206	0.212	0.218	0.225	0.231	0.238	0.244	0.250
170	0.168	0.173	0.178	0.183	0.188	0.193	0.198	0.202
180	0.138	0.142	0.146	0.150	0.154	0.158	0.161	0.164

4. Oak

4.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ib Site Index				
10		3.436	4.660	5.991	7.592	9.790	13.324	20.332
15	2.585	3.586	4.690	5.980	7.604	9.860	13.430	20.302
20	2.474	3.311	4.276	5.445	6.953	9.073	12.428	18.840
25	2.267	2.976	3.815	4.854	6.217	8.152	11.222	17.081
30	2.051	2.656	3.386	4.305	5.524	7.267	10.042	15.339
35	1.848	2.369	3.006	3.816	4.901	6.461	8.953	13.712
40	1.664	2.115	2.672	3.387	4.351	5.742	7.970	12.230
45	1.499	1.892	2.380	3.012	3.867	5.105	7.093	10.896
50	1.353	1.696	2.125	2.683	3.441	4.542	6.312	9.703
60	1.107	1.370	1.703	2.139	2.736	3.605	5.006	7.691
70	0.911	1.115	1.375	1.716	2.185	2.871	3.977	6.100
80	0.753	0.912	1.115	1.384	1.753	2.293	3.167	4.842
90	0.625	0.749	0.908	1.120	1.411	1.837	2.526	3.848
100	0.520	0.617	0.743	0.909	1.138	1.475	2.018	3.062
110	0.434	0.510	0.609	0.740	0.921	1.186	1.615	2.438
120	0.363	0.423	0.500	0.603	0.746	0.955	1.293	1.944
130	0.304	0.351	0.412	0.493	0.605	0.770	1.037	1.551
140	0.255	0.292	0.339	0.403	0.492	0.622	0.832	1.238
150	0.214	0.243	0.280	0.330	0.400	0.502	0.669	0.990
160	0.180	0.202	0.231	0.271	0.325	0.406	0.537	0.791
170	0.151	0.169	0.191	0.222	0.265	0.328	0.432	0.633
180	0.127	0.141	0.158	0.182	0.216	0.266	0.347	0.506
				Ia Site Index				
10	2.366	3.423	4.476	5.600	6.937	8.754	11.635	17.149
15	2.459	3.364	4.357	5.507	6.941	8.905	11.941	17.523
20	2.277	3.047	3.933	4.999	6.363	8.253	11.169	16.478
25	2.057	2.718	3.499	4.463	5.716	7.468	10.179	15.105
30	1.850	2.421	3.109	3.972	5.107	6.707	9.191	13.705
35	1.664	2.160	2.768	3.538	4.561	6.010	8.268	12.376
40	1.499	1.934	2.471	3.158	4.077	5.385	7.428	11.150
45	1.355	1.737	2.213	2.826	3.650	4.828	6.672	10.034
50	1.227	1.564	1.987	2.535	3.273	4.332	5.994	9.025
60	1.014	1.279	1.614	2.051	2.645	3.500	4.844	7.300
70	0.844	1.054	1.321	1.672	2.150	2.839	3.924	5.908
80	0.706	0.874	1.088	1.370	1.755	2.310	3.185	4.786
90	0.594	0.728	0.901	1.127	1.437	1.885	2.591	3.881
100	0.502	0.610	0.748	0.931	1.181	1.542	2.111	3.151
110	0.425	0.512	0.624	0.771	0.973	1.264	1.723	2.561
120	0.360	0.431	0.521	0.640	0.803	1.038	1.408	2.083
130	0.306	0.363	0.436	0.532	0.664	0.854	1.152	1.696
140	0.261	0.307	0.366	0.443	0.550	0.703	0.943	1.382
150	0.222	0.259	0.307	0.370	0.455	0.579	0.773	1.126
160	0.190	0.220	0.258	0.309	0.378	0.477	0.634	0.919
170	0.162	0.186	0.217	0.258	0.314	0.394	0.520	0.750

4. Oak

4.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
180	0.138	0.158	0.183	0.216	0.261	0.325	0.427	0.612
				I Site Index				
10	2.399	3.341	4.256	5.208	6.309	7.765	9.985	13.945
15	2.346	3.186	4.100	5.146	6.425	8.129	10.646	14.917
20	2.126	2.856	3.691	4.687	5.941	7.632	10.127	14.319
25	1.902	2.536	3.284	4.199	5.371	6.968	9.334	13.304
30	1.701	2.256	2.922	3.751	4.826	6.305	8.504	12.199
35	1.527	2.013	2.607	3.354	4.333	5.687	7.711	11.117
40	1.375	1.804	2.334	3.006	3.894	5.128	6.979	10.100
45	1.243	1.623	2.096	2.701	3.504	4.625	6.312	9.160
50	1.127	1.465	1.888	2.433	3.158	4.175	5.708	8.301
60	0.934	1.204	1.545	1.986	2.579	3.412	4.674	6.811
70	0.781	0.998	1.274	1.633	2.117	2.799	3.834	5.588
80	0.658	0.833	1.058	1.351	1.746	2.304	3.151	4.587
90	0.556	0.699	0.882	1.122	1.445	1.902	2.594	3.769
100	0.472	0.589	0.739	0.935	1.200	1.573	2.139	3.099
110	0.402	0.498	0.621	0.782	0.998	1.304	1.767	2.550
120	0.344	0.422	0.523	0.655	0.832	1.082	1.461	2.100
130	0.294	0.359	0.441	0.550	0.695	0.900	1.209	1.731
140	0.252	0.305	0.373	0.462	0.581	0.749	1.001	1.427
150	0.216	0.260	0.316	0.389	0.487	0.624	0.830	1.178
160	0.185	0.222	0.268	0.328	0.408	0.520	0.688	0.972
170	0.159	0.189	0.227	0.276	0.342	0.434	0.571	0.803
180	0.137	0.161	0.193	0.233	0.287	0.362	0.474	0.663
				II Site Index				
10	2.180	3.046	3.865	4.681	5.567	6.644	8.113	10.339
15	2.141	2.951	3.822	4.798	5.949	7.392	9.332	12.149
20	1.941	2.659	3.475	4.432	5.601	7.099	9.129	12.078
25	1.737	2.368	3.109	4.001	5.115	6.563	8.546	11.442
30	1.553	2.110	2.775	3.593	4.627	5.988	7.867	10.629
35	1.393	1.885	2.482	3.225	4.175	5.436	7.189	9.780
40	1.254	1.690	2.226	2.899	3.767	4.926	6.546	8.953
45	1.133	1.522	2.003	2.611	3.401	4.462	5.952	8.172
50	1.026	1.374	1.807	2.357	3.074	4.043	5.407	7.447
60	0.850	1.129	1.481	1.931	2.522	3.324	4.461	6.167
70	0.710	0.936	1.223	1.592	2.079	2.741	3.683	5.099
80	0.596	0.782	1.016	1.319	1.720	2.267	3.044	4.215
90	0.504	0.656	0.849	1.098	1.428	1.878	2.519	3.484
100	0.427	0.552	0.711	0.917	1.189	1.560	2.087	2.881
110	0.363	0.466	0.598	0.767	0.992	1.297	1.731	2.383
120	0.309	0.395	0.503	0.644	0.829	1.080	1.437	1.972
130	0.264	0.335	0.425	0.541	0.693	0.901	1.194	1.633
140	0.226	0.285	0.359	0.455	0.581	0.752	0.993	1.352
150	0.193	0.242	0.304	0.383	0.487	0.628	0.826	1.121
160	0.165	0.206	0.257	0.323	0.409	0.525	0.687	0.929

4. Oak

4.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
170	0.142	0.175	0.218	0.272	0.343	0.439	0.572	0.770
180	0.121	0.150	0.185	0.230	0.288	0.367	0.477	0.638
				III Site Index				
10		2.200	2.988	3.721	4.409	5.044	5.566	5.800
15	1.601	2.425	3.301	4.248	5.286	6.422	7.624	8.750
20	1.541	2.281	3.114	4.066	5.163	6.431	7.859	9.345
25	1.417	2.073	2.835	3.733	4.799	6.066	7.544	9.162
30	1.286	1.866	2.555	3.382	4.384	5.599	7.047	8.682
35	1.162	1.677	2.297	3.052	3.979	5.119	6.500	8.092
40	1.051	1.508	2.066	2.752	3.602	4.659	5.956	7.473
45	0.951	1.359	1.860	2.482	3.259	4.232	5.437	6.864
50	0.862	1.227	1.678	2.241	2.949	3.841	4.954	6.283
60	0.711	1.005	1.372	1.833	2.418	3.163	4.099	5.232
70	0.591	0.829	1.128	1.507	1.989	2.606	3.387	4.338
80	0.493	0.687	0.932	1.243	1.641	2.150	2.797	3.589
90	0.413	0.572	0.773	1.029	1.356	1.777	2.311	2.965
100	0.347	0.478	0.644	0.854	1.124	1.470	1.910	2.449
110	0.292	0.400	0.537	0.710	0.932	1.217	1.579	2.022
120	0.246	0.336	0.449	0.592	0.775	1.009	1.306	1.669
130	0.208	0.282	0.375	0.494	0.644	0.837	1.081	1.378
140	0.176	0.237	0.315	0.412	0.537	0.695	0.895	1.137
150	0.149	0.200	0.264	0.345	0.447	0.577	0.741	0.939
160	0.126	0.168	0.221	0.288	0.373	0.480	0.614	0.775
170	0.107	0.142	0.186	0.241	0.311	0.399	0.509	0.640
180	0.090	0.120	0.156	0.202	0.259	0.332	0.422	0.529
				IV Site Index				
10								
15			1.899	2.871	3.794	4.500	4.692	
20		1.225	2.118	3.096	4.110	5.033	5.607	5.452
25	0.552	1.255	2.068	2.990	3.992	4.973	5.716	5.872
30	0.582	1.202	1.933	2.782	3.731	4.702	5.509	5.838
35	0.571	1.119	1.774	2.547	3.429	4.357	5.174	5.596
40	0.543	1.028	1.614	2.315	3.125	3.997	4.792	5.259
45	0.507	0.938	1.463	2.096	2.837	3.645	4.403	4.884
50	0.469	0.852	1.323	1.894	2.569	3.313	4.025	4.502
60	0.396	0.701	1.080	1.545	2.100	2.723	3.335	3.773
70	0.330	0.576	0.882	1.260	1.715	2.231	2.746	3.128
80	0.274	0.473	0.721	1.029	1.401	1.826	2.253	2.579
90	0.228	0.389	0.591	0.841	1.146	1.494	1.846	2.118
100	0.189	0.320	0.484	0.689	0.937	1.222	1.512	1.735
110	0.156	0.264	0.398	0.565	0.768	1.000	1.237	1.420
120	0.130	0.217	0.327	0.464	0.629	0.819	1.012	1.161
130	0.108	0.179	0.269	0.381	0.516	0.671	0.827	0.948
140	0.089	0.148	0.222	0.313	0.423	0.549	0.677	0.774
150	0.074	0.122	0.183	0.257	0.348	0.450	0.553	0.632

4. Oak

4.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
160	0.061	0.101	0.151	0.212	0.285	0.369	0.453	0.515
170	0.051	0.084	0.124	0.174	0.234	0.302	0.370	0.420
180	0.042	0.069	0.102	0.143	0.193	0.248	0.303	0.343

5. Birch

5.1 Growing stock, m^3/ha

AGE	STOKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	27.0	24.2	21.5	18.8	16.1	13.3	10.5	7.6
10	67	60	53	46	39	32	25	18
15	109	97	86	74	63	51	40	29
20	152	135	118	102	86	71	55	39
25	193	171	150	129	109	89	69	49
30	231	205	179	154	130	106	82	58
35	266	236	206	178	149	121	93	66
40	299	265	231	199	167	135	104	73
45	329	291	254	218	183	148	114	80
50	356	315	275	235	197	160	123	86
60	402	355	310	265	222	179	138	96
70	439	388	338	289	242	195	149	105
80	468	414	360	308	257	207	159	111
90	492	434	378	323	270	217	166	116
100	510	450	392	335	279	225	172	120
110	525	463	403	344	287	231	176	123
120	536	473	412	351	293	236	180	125
				I Site Index				
5	14.8	13.2	11.7	10.1	8.6	7.1	5.5	3.9
10	41.1	36.5	32.1	27.7	23.4	19.1	14.7	10.3
15	72	64	56	48	40	33	25	18
20	104	92	81	69	58	47	36	25
25	137	121	105	90	76	61	47	32
30	168	148	129	111	92	74	57	39
35	197	174	152	130	108	87	66	46
40	225	198	173	147	123	99	75	52
45	251	221	192	164	136	110	83	57
50	274	241	210	179	149	119	91	62
60	315	277	240	205	170	136	103	71
70	348	306	265	226	187	150	113	78
80	375	329	285	243	201	161	121	83
90	396	348	301	256	212	170	128	87
100	413	363	314	267	221	176	133	91
110	426	374	324	275	228	182	137	93
120	437	384	332	282	233	186	140	96
				II Site Index				
5	7.71	6.84	6.01	5.19	4.38	3.57	2.76	1.92
10	24.3	21.5	18.8	16.1	13.5	11.0	8.4	5.8
15	45.6	40.3	35.1	30.0	25.1	20.3	15.4	10.7
20	69	61	53	45	38	30	23	16
25	94	83	72	61	51	41	31	21
30	118	104	90	77	64	51	39	26

5. Birch

5.1 Growing stock, m^3/ha

AGE	STOKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
35	142	124	108	92	76	61	46	31
40	164	144	125	106	88	70	53	36
45	185	162	141	119	99	79	59	40
50	205	179	155	132	109	87	65	44
60	239	209	181	153	127	101	76	51
70	267	234	202	171	141	112	84	57
80	291	254	219	186	153	122	91	62
90	309	271	233	197	163	129	97	65
100	324	284	244	207	170	135	101	68
110	336	294	253	214	176	140	104	70
120	345	302	260	220	181	143	107	72
				III Site Index				
5	3.78	3.34	2.92	2.51	2.11	1.72	1.34	0.95
10	13.6	12.0	10.4	8.9	7.5	6.1	4.7	3.3
15	27.5	24.2	21.0	17.9	14.9	12.1	9.2	6.5
20	44	38	33	28	24	19	15	10
25	61	54	47	40	33	26	20	14
30	79	70	60	51	42	34	26	18
35	97	85	73	62	52	41	31	22
40	115	100	86	73	61	48	37	25
45	131	115	99	84	69	55	42	29
50	146	128	110	93	77	61	46	32
60	174	152	131	110	91	73	55	38
70	197	172	148	125	103	82	62	42
80	216	188	162	137	112	89	67	46
90	232	202	173	146	120	95	72	49
100	244	213	182	154	126	100	75	52
110	254	221	190	160	131	104	78	53
120	262	228	196	165	135	107	80	55
				IV Site Index				
5	1.71	1.50	1.31	1.13	0.96	0.79	0.63	0.48
10	7.1	6.2	5.4	4.6	3.9	3.2	2.6	1.9
15	15.4	13.5	11.7	10.0	8.4	6.9	5.5	4.1
20	26	23	20	17	14	11	9	7
25	38	33	28	24	20	17	13	10
30	50	44	38	32	27	22	17	13
35	63	54	47	40	33	27	21	16
40	75	65	56	48	40	32	25	19
45	87	76	65	55	46	37	29	22
50	98	85	74	62	52	42	33	24
60	119	103	89	75	62	50	39	29
70	136	118	102	86	71	58	45	33
80	151	131	112	95	79	63	49	36
90	162	141	121	102	84	68	53	39
100	172	149	128	108	89	72	56	41

5. Birch

5.1 Growing stock, m^3/ha

AGE	STOKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
110	179	156	133	113	93	75	58	42
120	185	161	138	116	96	77	60	44
				V Site Index				
5	0.67	0.59	0.52	0.45	0.40	0.35	0.30	0.27
10	3.24	2.84	2.48	2.16	1.88	1.63	1.42	1.24
15	7.6	6.7	5.8	5.1	4.4	3.8	3.3	2.9
20	13.5	11.8	10.3	8.9	7.7	6.6	5.7	5.0
25	20	18	15	13	12	10	9	7
30	28	24	21	18	16	13	12	10
35	36	31	27	23	20	17	15	13
40	43	38	33	28	24	21	18	15
45	51	44	38	33	28	24	21	18
50	58	51	44	38	32	28	24	20
60	72	62	54	46	40	34	29	25
70	83	72	62	54	46	39	33	28
80	93	81	70	60	51	43	37	31
90	101	87	75	65	55	47	40	34
100	107	93	80	69	58	50	42	36
110	112	97	84	72	61	52	44	37
120	116	101	87	74	63	54	45	39

5. Birch

5.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5		24.6	23.6	21.8	19.4	16.6	13.6	10.6
10	71	72	71	67	62	55	47	38
15	127	129	128	123	115	104	90	75
20	186	190	188	182	171	156	137	115
25	246	250	248	240	226	207	183	155
30	304	309	306	295	278	255	226	191
35	359	364	359	347	326	299	265	225
40	411	415	408	393	369	338	299	254
45	459	461	453	435	408	372	329	279
50	503	503	493	472	441	402	355	301
60	579	576	560	533	496	450	396	334
70	642	633	612	579	537	485	425	358
80	693	679	652	614	566	510	446	374
90	733	714	682	640	588	528	460	385
100	765	741	705	659	603	540	469	392
110	791	762	722	673	614	549	476	397
120	811	778	735	683	622	555	481	400
				I Site Index				
5			12.6	12.0	10.9	9.4	7.8	6.0
10	41.3	42.8	42.8	41.4	38.5	34.5	29.5	23.8
15	79	83	83	81	76	69	60	49
20	123	127	128	125	118	107	94	78
25	168	174	174	170	160	147	129	107
30	214	220	220	214	202	185	162	135
35	258	264	264	256	241	220	193	161
40	301	307	305	294	277	252	221	184
45	341	346	342	330	309	281	246	204
50	378	382	376	362	338	307	268	222
60	445	445	435	415	386	348	303	250
70	500	497	482	456	422	379	329	271
80	546	537	518	488	449	402	347	285
90	582	570	546	512	469	418	360	294
100	612	595	567	529	483	430	369	301
110	635	614	583	543	494	438	375	306
120	654	630	595	552	502	444	379	309
				II Site Index				
5			6.66	6.44	5.94	5.22	4.32	3.30
10			25.4	24.9	23.4	21.1	17.9	14.2
15	48.5	51.3	52.4	51.5	48.8	44.3	38.2	30.7
20	79	83	84	83	79	72	62	50
25	112	117	119	117	111	101	87	71
30	146	152	154	150	142	130	113	91

5. Birch

5.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
35	180	187	188	183	173	157	136	111
40	214	220	220	214	201	183	158	128
45	246	252	251	243	228	206	178	144
50	276	282	279	269	251	227	196	158
60	331	334	328	314	292	262	224	181
70	378	378	368	350	323	288	246	197
80	417	413	400	377	346	308	262	209
90	449	442	424	398	364	322	273	218
100	475	464	443	414	377	333	281	223
110	496	482	458	426	387	340	287	228
120	512	495	469	435	394	346	291	230
				III Site Index				
5			3.41	3.37	3.16	2.80	2.32	1.73
10		14.0	14.5	14.5	13.7	12.4	10.5	8.1
15	28.5	30.8	31.9	31.8	30.3	27.5	23.5	18.3
20	48	52	54	53	51	46	40	31
25	71	76	78	77	73	67	57	45
30	95	101	103	102	96	88	75	59
35	121	127	129	126	119	108	92	72
40	146	152	153	150	141	127	109	85
45	170	176	177	172	161	145	124	97
50	193	199	199	193	180	162	137	107
60	237	241	239	229	212	189	160	124
70	274	276	271	258	238	211	177	137
80	306	306	297	281	258	227	190	147
90	332	329	318	299	273	240	200	154
100	353	348	334	313	284	249	207	159
110	371	363	347	324	293	256	212	162
120	385	375	357	332	299	261	216	165
				IV Site Index				
5		1.56	1.67	1.69	1.62	1.45	1.19	0.86
10		7.4	7.9	8.0	7.7	7.0	5.9	4.3
15	15.8	17.5	18.5	18.7	18.0	16.3	13.7	10.3
20	28	31	32	33	31	28	24	18
25	43	46	48	48	46	42	35	27
30	59	63	66	65	62	56	47	36
35	76	81	84	83	78	71	59	45
40	93	99	101	100	94	85	71	53
45	110	116	118	116	109	98	82	61
50	127	133	135	131	123	110	92	68
60	159	164	164	159	148	131	108	81
70	186	191	189	182	168	148	122	90
80	210	213	210	200	183	161	132	97
90	231	232	226	214	196	171	140	103
100	247	247	240	226	205	178	146	107

5. Birch

5.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
110	261	259	250	234	212	184	150	110
120	272	269	258	241	218	188	153	112
				V Site Index				
5		0.68	0.76	0.80	0.78	0.71	0.58	0.41
10		3.63	4.00	4.16	4.08	3.72	3.09	2.19
15	7.9	9.1	9.9	10.2	10.0	9.1	7.6	5.4
20	14.7	16.7	18.0	18.5	18.0	16.4	13.6	9.7
25	23	26	28	28	27	25	21	15
30	33	36	39	39	38	34	28	20
35	43	47	50	50	48	44	36	26
40	54	59	62	62	59	53	44	31
45	64	70	73	73	69	62	51	36
50	75	81	84	83	79	70	58	41
60	96	102	105	103	96	85	70	49
70	114	121	122	119	111	98	79	56
80	131	136	137	133	123	107	87	61
90	144	150	149	143	132	115	93	65
100	156	160	159	152	139	121	97	68
110	166	169	167	159	145	126	100	70
120	174	176	173	164	149	129	103	71

5 Birch

5.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	7.24	6.46	5.70	4.95	4.20	3.46	2.70	1.93
10	8.38	7.44	6.53	5.63	4.75	3.87	3.00	2.12
15	8.58	7.60	6.65	5.71	4.79	3.89	3.00	2.11
20	8.36	7.39	6.45	5.53	4.62	3.74	2.87	2.01
25	7.93	7.00	6.09	5.21	4.35	3.51	2.69	1.88
30	7.39	6.52	5.67	4.84	4.03	3.24	2.48	1.73
35	6.81	6.00	5.21	4.44	3.70	2.97	2.26	1.57
40	6.23	5.48	4.75	4.05	3.36	2.70	2.05	1.42
45	5.66	4.97	4.31	3.67	3.04	2.44	1.85	1.28
50	5.11	4.49	3.89	3.31	2.74	2.19	1.66	1.15
60	4.13	3.63	3.14	2.66	2.20	1.76	1.33	0.91
70	3.31	2.90	2.51	2.13	1.75	1.40	1.05	0.72
80	2.63	2.31	1.99	1.68	1.39	1.10	0.83	0.57
90	2.08	1.82	1.57	1.33	1.09	0.87	0.65	0.44
100	1.64	1.44	1.24	1.05	0.86	0.68	0.51	0.35
110	1.29	1.13	0.97	0.82	0.67	0.53	0.40	0.27
120	1.01	0.89	0.76	0.64	0.53	0.41	0.31	0.21
				I Site Index				
5	4.49	3.99	3.50	3.03	2.55	2.08	1.61	1.13
10	5.85	5.18	4.52	3.88	3.25	2.63	2.02	1.40
15	6.40	5.65	4.92	4.21	3.51	2.83	2.15	1.49
20	6.51	5.74	4.98	4.25	3.54	2.84	2.16	1.48
25	6.38	5.61	4.86	4.14	3.44	2.75	2.08	1.43
30	6.09	5.35	4.63	3.94	3.26	2.61	1.97	1.35
35	5.72	5.02	4.35	3.69	3.05	2.43	1.83	1.25
40	5.31	4.66	4.03	3.41	2.82	2.24	1.69	1.15
45	4.89	4.28	3.70	3.13	2.58	2.05	1.54	1.05
50	4.47	3.91	3.38	2.86	2.35	1.87	1.40	0.95
60	3.67	3.21	2.77	2.34	1.92	1.52	1.14	0.77
70	2.98	2.60	2.24	1.89	1.55	1.22	0.91	0.61
80	2.39	2.09	1.79	1.51	1.24	0.97	0.72	0.49
90	1.90	1.66	1.43	1.20	0.98	0.77	0.57	0.38
100	1.51	1.32	1.13	0.95	0.77	0.61	0.45	0.30
110	1.19	1.04	0.89	0.75	0.61	0.48	0.35	0.23
120	0.94	0.82	0.70	0.59	0.48	0.37	0.27	0.18
				II Site Index				
5	2.63	2.33	2.03	1.75	1.47	1.19	0.91	0.63
10	3.89	3.43	2.98	2.55	2.13	1.71	1.30	0.90
15	4.56	4.01	3.47	2.96	2.46	1.97	1.49	1.02
20	4.85	4.26	3.69	3.13	2.60	2.07	1.56	1.07
25	4.91	4.30	3.72	3.15	2.61	2.08	1.56	1.06
30	4.81	4.21	3.63	3.08	2.54	2.02	1.51	1.02

5 Birch

5.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
35	4.61	4.03	3.48	2.94	2.42	1.92	1.44	0.97
40	4.35	3.80	3.27	2.76	2.27	1.80	1.34	0.90
45	4.05	3.54	3.05	2.57	2.11	1.67	1.24	0.84
50	3.75	3.27	2.81	2.37	1.94	1.53	1.14	0.76
60	3.13	2.73	2.34	1.97	1.61	1.27	0.94	0.63
70	2.57	2.24	1.92	1.61	1.31	1.03	0.76	0.51
80	2.08	1.81	1.55	1.30	1.06	0.83	0.61	0.41
90	1.67	1.45	1.24	1.04	0.84	0.66	0.48	0.32
100	1.33	1.15	0.99	0.82	0.67	0.52	0.38	0.25
110	1.05	0.91	0.78	0.65	0.53	0.41	0.30	0.20
120	0.83	0.72	0.62	0.51	0.41	0.32	0.24	0.15
				III Site Index				
5	1.44	1.27	1.10	0.95	0.79	0.64	0.50	0.35
10	2.43	2.14	1.85	1.58	1.32	1.06	0.81	0.57
15	3.07	2.68	2.32	1.97	1.64	1.31	1.00	0.70
20	3.43	2.99	2.58	2.19	1.81	1.45	1.10	0.76
25	3.59	3.13	2.70	2.28	1.89	1.50	1.14	0.79
30	3.61	3.14	2.71	2.29	1.88	1.50	1.13	0.78
35	3.53	3.07	2.64	2.23	1.83	1.46	1.10	0.75
40	3.38	2.94	2.53	2.13	1.75	1.39	1.04	0.71
45	3.19	2.78	2.38	2.00	1.64	1.30	0.97	0.67
50	2.98	2.59	2.22	1.87	1.53	1.21	0.90	0.62
60	2.53	2.20	1.88	1.58	1.29	1.02	0.76	0.51
70	2.10	1.82	1.56	1.30	1.06	0.83	0.62	0.42
80	1.71	1.49	1.27	1.06	0.86	0.67	0.50	0.34
90	1.38	1.20	1.02	0.85	0.69	0.54	0.40	0.27
100	1.10	0.96	0.81	0.68	0.55	0.43	0.32	0.21
110	0.88	0.76	0.65	0.54	0.43	0.34	0.25	0.17
120	0.69	0.60	0.51	0.42	0.34	0.26	0.19	0.13
				IV Site Index				
5	0.72	0.63	0.55	0.47	0.40	0.33	0.26	0.20
10	1.40	1.23	1.06	0.91	0.76	0.63	0.49	0.37
15	1.91	1.66	1.44	1.23	1.03	0.84	0.66	0.49
20	2.24	1.95	1.68	1.43	1.19	0.97	0.76	0.57
25	2.43	2.11	1.82	1.54	1.28	1.04	0.82	0.60
30	2.51	2.18	1.87	1.59	1.32	1.07	0.83	0.61
35	2.50	2.17	1.87	1.58	1.31	1.06	0.82	0.60
40	2.44	2.12	1.81	1.53	1.27	1.02	0.79	0.58
45	2.33	2.02	1.73	1.46	1.21	0.97	0.75	0.55
50	2.20	1.91	1.63	1.37	1.13	0.91	0.70	0.51
60	1.90	1.64	1.40	1.18	0.97	0.78	0.60	0.44
70	1.59	1.38	1.17	0.98	0.81	0.64	0.49	0.36
80	1.31	1.13	0.96	0.80	0.66	0.52	0.40	0.29
90	1.06	0.91	0.78	0.65	0.53	0.42	0.32	0.23
100	0.85	0.73	0.62	0.52	0.42	0.33	0.25	0.18

5 Birch

5.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
110	0.67	0.58	0.49	0.41	0.33	0.26	0.20	0.14
120	0.53	0.46	0.39	0.32	0.26	0.21	0.16	0.11
				V Site Index				
5	0.314	0.276	0.241	0.210	0.183	0.159	0.139	0.122
10	0.71	0.62	0.54	0.47	0.41	0.35	0.30	0.26
15	1.04	0.91	0.79	0.68	0.59	0.51	0.44	0.38
20	1.28	1.12	0.97	0.84	0.72	0.62	0.53	0.46
25	1.44	1.26	1.09	0.94	0.81	0.69	0.59	0.51
30	1.53	1.33	1.15	0.99	0.85	0.73	0.62	0.53
35	1.56	1.35	1.17	1.01	0.86	0.73	0.62	0.53
40	1.54	1.34	1.16	0.99	0.85	0.72	0.61	0.52
45	1.49	1.30	1.12	0.96	0.82	0.69	0.59	0.50
50	1.42	1.24	1.06	0.91	0.77	0.66	0.55	0.47
60	1.25	1.08	0.93	0.79	0.67	0.57	0.48	0.40
70	1.05	0.91	0.78	0.67	0.56	0.47	0.40	0.34
80	0.87	0.75	0.64	0.55	0.46	0.39	0.32	0.27
90	0.71	0.61	0.52	0.44	0.37	0.31	0.26	0.22
100	0.57	0.49	0.42	0.35	0.30	0.25	0.21	0.17
110	0.45	0.39	0.33	0.28	0.23	0.20	0.16	0.13
120	0.36	0.31	0.26	0.22	0.18	0.15	0.13	0.10

5. Birch

5.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5		7.87	7.72	7.33	6.74	5.98	5.09	4.12
10	10.46	10.73	10.70	10.39	9.81	8.99	7.94	6.69
15	11.64	11.93	11.92	11.63	11.06	10.23	9.15	7.83
20	11.98	12.20	12.15	11.83	11.25	10.42	9.34	8.03
25	11.81	11.94	11.80	11.43	10.82	9.99	8.94	7.67
30	11.35	11.35	11.13	10.69	10.05	9.22	8.21	7.02
35	10.71	10.59	10.28	9.78	9.12	8.31	7.35	6.24
40	9.97	9.75	9.36	8.82	8.15	7.36	6.45	5.44
45	9.20	8.89	8.43	7.86	7.19	6.43	5.59	4.67
50	8.42	8.03	7.53	6.94	6.28	5.56	4.79	3.97
60	6.94	6.45	5.91	5.32	4.71	4.08	3.44	2.80
70	5.63	5.10	4.56	4.01	3.46	2.94	2.43	1.93
80	4.52	3.99	3.47	2.98	2.52	2.09	1.69	1.32
90	3.60	3.10	2.63	2.20	1.82	1.47	1.17	0.89
100	2.85	2.39	1.98	1.62	1.31	1.04	0.80	0.60
110	2.25	1.84	1.48	1.18	0.93	0.72	0.55	0.40
120	1.77	1.41	1.11	0.86	0.67	0.51	0.38	0.27
				I Site Index				
5			4.60	4.44	4.12	3.67	3.12	2.49
10	6.86	7.16	7.23	7.07	6.71	6.13	5.38	4.45
15	8.24	8.56	8.63	8.46	8.05	7.42	6.56	5.50
20	8.93	9.19	9.22	9.00	8.55	7.87	6.97	5.86
25	9.15	9.33	9.27	8.99	8.49	7.79	6.88	5.77
30	9.05	9.12	8.98	8.63	8.10	7.38	6.48	5.42
35	8.74	8.71	8.48	8.08	7.51	6.79	5.93	4.92
40	8.30	8.17	7.87	7.41	6.83	6.12	5.30	4.37
45	7.78	7.56	7.20	6.71	6.12	5.43	4.66	3.81
50	7.22	6.93	6.52	6.01	5.42	4.77	4.06	3.29
60	6.08	5.69	5.23	4.71	4.16	3.58	2.99	2.38
70	5.02	4.58	4.10	3.61	3.12	2.63	2.16	1.68
80	4.08	3.63	3.17	2.73	2.31	1.91	1.53	1.17
90	3.29	2.85	2.43	2.05	1.69	1.37	1.08	0.81
100	2.63	2.22	1.85	1.52	1.23	0.98	0.75	0.56
110	2.09	1.72	1.40	1.13	0.89	0.69	0.52	0.38
120	1.65	1.33	1.06	0.83	0.64	0.49	0.36	0.26
				II Site Index				
5			2.65	2.60	2.44	2.18	1.85	1.45
10			4.70	4.64	4.42	4.03	3.50	2.83
15	5.59	5.89	5.99	5.91	5.64	5.17	4.51	3.68
20	6.37	6.63	6.70	6.57	6.24	5.71	4.99	4.08
25	6.77	6.97	6.98	6.79	6.40	5.83	5.08	4.14
30	6.89	7.01	6.94	6.69	6.26	5.67	4.91	3.99

5. Birch

5.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
35	6.81	6.85	6.70	6.40	5.94	5.33	4.58	3.70
40	6.59	6.54	6.33	5.98	5.50	4.89	4.17	3.35
45	6.28	6.15	5.89	5.50	5.01	4.42	3.74	2.97
50	5.91	5.72	5.41	4.99	4.50	3.93	3.30	2.60
60	5.09	4.80	4.43	4.01	3.54	3.03	2.50	1.94
70	4.27	3.93	3.55	3.14	2.71	2.28	1.84	1.41
80	3.52	3.16	2.79	2.41	2.04	1.68	1.34	1.00
90	2.87	2.51	2.17	1.83	1.52	1.23	0.96	0.71
100	2.32	1.98	1.67	1.38	1.12	0.89	0.68	0.49
110	1.86	1.55	1.28	1.04	0.83	0.64	0.48	0.34
120	1.48	1.21	0.97	0.77	0.60	0.46	0.34	0.24
				III Site Index				
5			1.47	1.46	1.39	1.25	1.05	0.80
10		2.81	2.92	2.91	2.79	2.54	2.17	1.70
15	3.60	3.85	3.97	3.95	3.77	3.44	2.96	2.34
20	4.31	4.55	4.64	4.58	4.35	3.96	3.40	2.69
25	4.75	4.95	5.00	4.89	4.61	4.17	3.57	2.81
30	4.97	5.12	5.11	4.95	4.63	4.16	3.54	2.77
35	5.03	5.11	5.04	4.83	4.48	3.99	3.38	2.63
40	4.96	4.98	4.85	4.60	4.23	3.74	3.14	2.43
45	4.80	4.76	4.59	4.30	3.91	3.43	2.86	2.20
50	4.58	4.48	4.27	3.96	3.57	3.10	2.56	1.96
60	4.03	3.85	3.59	3.26	2.88	2.46	1.99	1.50
70	3.45	3.21	2.93	2.60	2.25	1.89	1.51	1.12
80	2.89	2.63	2.34	2.04	1.73	1.42	1.12	0.81
90	2.38	2.11	1.84	1.57	1.31	1.06	0.82	0.59
100	1.94	1.69	1.44	1.20	0.98	0.78	0.59	0.42
110	1.57	1.33	1.11	0.91	0.73	0.57	0.43	0.30
120	1.26	1.05	0.86	0.69	0.54	0.42	0.31	0.21
				IV Site Index				
5		0.72	0.77	0.78	0.75	0.68	0.57	0.42
10		1.61	1.71	1.73	1.67	1.52	1.28	0.96
15	2.17	2.37	2.48	2.49	2.39	2.17	1.84	1.39
20	2.71	2.92	3.03	3.01	2.87	2.60	2.20	1.66
25	3.10	3.29	3.37	3.32	3.14	2.82	2.37	1.79
30	3.33	3.49	3.53	3.45	3.23	2.89	2.41	1.81
35	3.45	3.57	3.57	3.44	3.20	2.84	2.36	1.76
40	3.47	3.54	3.50	3.34	3.08	2.71	2.23	1.65
45	3.41	3.44	3.36	3.18	2.90	2.53	2.07	1.52
50	3.30	3.29	3.17	2.97	2.68	2.32	1.88	1.38
60	2.98	2.89	2.73	2.51	2.22	1.89	1.51	1.09
70	2.59	2.46	2.27	2.04	1.78	1.49	1.17	0.83
80	2.20	2.04	1.85	1.63	1.40	1.15	0.89	0.62
90	1.84	1.67	1.48	1.28	1.08	0.87	0.66	0.46
100	1.52	1.35	1.17	1.00	0.82	0.65	0.49	0.34

5. Birch

5.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
110	1.24	1.08	0.92	0.77	0.62	0.49	0.36	0.24
120	1.00	0.86	0.72	0.59	0.47	0.36	0.26	0.18
				V Site Index				
5		0.339	0.375	0.392	0.385	0.351	0.290	0.205
10		0.84	0.92	0.95	0.93	0.85	0.71	0.51
15	1.17	1.32	1.42	1.45	1.41	1.29	1.07	0.77
20	1.53	1.70	1.81	1.83	1.77	1.60	1.33	0.95
25	1.81	1.98	2.08	2.09	1.99	1.79	1.48	1.06
30	2.00	2.16	2.24	2.22	2.11	1.88	1.54	1.10
35	2.12	2.26	2.31	2.27	2.13	1.89	1.54	1.09
40	2.17	2.28	2.31	2.25	2.09	1.84	1.49	1.05
45	2.17	2.25	2.26	2.17	2.00	1.74	1.41	0.98
50	2.13	2.19	2.16	2.06	1.88	1.63	1.30	0.91
60	1.96	1.97	1.91	1.79	1.60	1.37	1.08	0.74
70	1.74	1.71	1.63	1.49	1.32	1.10	0.86	0.58
80	1.51	1.45	1.35	1.21	1.05	0.87	0.67	0.45
90	1.27	1.20	1.10	0.97	0.83	0.67	0.51	0.34
100	1.06	0.98	0.88	0.77	0.64	0.52	0.39	0.25
110	0.88	0.79	0.70	0.60	0.50	0.39	0.29	0.19
120	0.72	0.64	0.55	0.47	0.38	0.30	0.22	0.14

5. Birch

5.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5		1.41	2.02	2.38	2.54	2.53	2.40	2.19
10	2.08	3.29	4.17	4.76	5.06	5.12	4.94	4.57
15	3.06	4.33	5.28	5.92	6.27	6.34	6.15	5.72
20	3.61	4.81	5.70	6.30	6.62	6.68	6.47	6.02
25	3.88	4.94	5.71	6.21	6.47	6.48	6.25	5.80
30	3.96	4.84	5.46	5.85	6.02	5.98	5.74	5.30
35	3.89	4.59	5.07	5.34	5.43	5.34	5.09	4.67
40	3.74	4.27	4.61	4.77	4.78	4.66	4.40	4.02
45	3.54	3.91	4.12	4.19	4.15	3.99	3.74	3.39
50	3.31	3.54	3.64	3.64	3.54	3.37	3.13	2.82
60	2.80	2.82	2.77	2.66	2.51	2.32	2.12	1.88
70	2.32	2.20	2.05	1.88	1.71	1.54	1.38	1.21
80	1.89	1.68	1.48	1.30	1.13	0.99	0.86	0.75
90	1.52	1.27	1.06	0.87	0.73	0.61	0.52	0.45
100	1.21	0.95	0.74	0.57	0.45	0.36	0.29	0.25
110	0.96	0.71	0.51	0.36	0.26	0.19	0.15	0.13
120	0.76	0.52	0.35	0.22	0.14	0.09	0.07	0.06
				I Site Index				
5			1.10	1.41	1.57	1.59	1.52	1.37
10	1.01	1.98	2.70	3.19	3.45	3.50	3.36	3.05
15	1.84	2.91	3.71	4.25	4.54	4.59	4.41	4.01
20	2.42	3.46	4.23	4.75	5.01	5.03	4.82	4.38
25	2.77	3.72	4.41	4.85	5.05	5.04	4.80	4.35
30	2.96	3.77	4.34	4.69	4.83	4.77	4.52	4.07
35	3.02	3.68	4.14	4.39	4.46	4.36	4.09	3.67
40	2.98	3.51	3.84	4.00	4.01	3.88	3.61	3.22
45	2.89	3.28	3.50	3.58	3.53	3.38	3.12	2.77
50	2.75	3.02	3.14	3.15	3.07	2.90	2.66	2.34
60	2.41	2.48	2.46	2.37	2.24	2.06	1.86	1.61
70	2.04	1.97	1.86	1.72	1.57	1.41	1.24	1.07
80	1.69	1.54	1.38	1.22	1.07	0.93	0.81	0.69
90	1.38	1.19	1.01	0.85	0.71	0.60	0.51	0.43
100	1.12	0.90	0.72	0.57	0.46	0.37	0.30	0.26
110	0.90	0.68	0.51	0.38	0.28	0.22	0.17	0.15
120	0.71	0.51	0.36	0.24	0.17	0.12	0.09	0.08
				II Site Index				
5			0.62	0.85	0.97	0.99	0.94	0.82
10			1.71	2.09	2.29	2.32	2.20	1.93
15	1.04	1.88	2.52	2.95	3.18	3.20	3.02	2.66
20	1.51	2.37	3.02	3.44	3.65	3.64	3.43	3.01
25	1.86	2.67	3.26	3.63	3.80	3.76	3.52	3.08
30	2.08	2.80	3.31	3.61	3.73	3.65	3.39	2.96

5. Birch

5.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
35	2.20	2.81	3.23	3.46	3.52	3.41	3.15	2.73
40	2.24	2.74	3.06	3.22	3.22	3.09	2.83	2.44
45	2.22	2.61	2.84	2.93	2.90	2.75	2.49	2.14
50	2.16	2.45	2.60	2.63	2.56	2.40	2.16	1.84
60	1.96	2.07	2.09	2.04	1.93	1.76	1.56	1.31
70	1.70	1.69	1.63	1.53	1.40	1.25	1.08	0.90
80	1.44	1.35	1.24	1.11	0.98	0.85	0.73	0.60
90	1.20	1.06	0.93	0.80	0.68	0.57	0.47	0.38
100	0.99	0.83	0.68	0.56	0.45	0.37	0.30	0.24
110	0.80	0.64	0.50	0.38	0.30	0.23	0.18	0.15
120	0.65	0.49	0.36	0.26	0.19	0.14	0.11	0.08
				III Site Index				
5			0.37	0.52	0.59	0.60	0.55	0.45
10		0.67	1.06	1.33	1.47	1.48	1.36	1.13
15	0.54	1.17	1.65	1.97	2.13	2.13	1.96	1.64
20	0.88	1.56	2.06	2.39	2.54	2.51	2.30	1.92
25	1.16	1.82	2.30	2.60	2.72	2.67	2.43	2.03
30	1.36	1.97	2.40	2.66	2.74	2.66	2.41	2.00
35	1.50	2.04	2.40	2.61	2.65	2.54	2.28	1.88
40	1.58	2.03	2.33	2.47	2.48	2.35	2.10	1.72
45	1.61	1.98	2.20	2.30	2.27	2.13	1.88	1.53
50	1.60	1.89	2.05	2.10	2.04	1.89	1.66	1.34
60	1.50	1.65	1.71	1.68	1.59	1.44	1.24	0.99
70	1.35	1.39	1.37	1.30	1.19	1.05	0.89	0.70
80	1.17	1.14	1.07	0.98	0.87	0.75	0.62	0.48
90	1.00	0.92	0.82	0.72	0.62	0.52	0.42	0.32
100	0.83	0.73	0.62	0.53	0.44	0.35	0.28	0.21
110	0.69	0.57	0.47	0.38	0.30	0.24	0.18	0.13
120	0.57	0.45	0.35	0.27	0.20	0.15	0.11	0.08
				IV Site Index				
5			0.22	0.31	0.35	0.35	0.31	0.22
10		0.39	0.65	0.82	0.90	0.89	0.79	0.59
15	0.26	0.70	1.04	1.26	1.36	1.34	1.18	0.90
20	0.48	0.97	1.34	1.58	1.68	1.63	1.43	1.09
25	0.67	1.18	1.55	1.78	1.85	1.78	1.56	1.18
30	0.83	1.31	1.66	1.86	1.92	1.82	1.58	1.20
35	0.95	1.39	1.70	1.87	1.89	1.78	1.53	1.15
40	1.03	1.42	1.68	1.81	1.81	1.68	1.44	1.07
45	1.08	1.42	1.63	1.72	1.69	1.56	1.32	0.97
50	1.10	1.38	1.54	1.60	1.55	1.41	1.18	0.86
60	1.08	1.25	1.33	1.33	1.25	1.11	0.91	0.65
70	1.00	1.08	1.10	1.06	0.97	0.84	0.68	0.47
80	0.90	0.92	0.89	0.83	0.74	0.62	0.49	0.33
90	0.78	0.76	0.70	0.63	0.55	0.45	0.34	0.23
100	0.67	0.62	0.55	0.48	0.40	0.32	0.24	0.15

5. Birch

5.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
110	0.56	0.50	0.43	0.36	0.29	0.22	0.16	0.10
120	0.47	0.40	0.33	0.26	0.21	0.16	0.11	0.06
				V Site Index				
5			0.13	0.18	0.20	0.19	0.15	0.08
10		0.23	0.38	0.49	0.53	0.50	0.41	0.24
15	0.13	0.41	0.63	0.77	0.82	0.78	0.63	0.39
20	0.25	0.58	0.84	1.00	1.04	0.98	0.80	0.49
25	0.36	0.73	0.99	1.15	1.19	1.10	0.89	0.55
30	0.47	0.83	1.09	1.23	1.26	1.15	0.92	0.57
35	0.56	0.90	1.14	1.26	1.27	1.15	0.92	0.56
40	0.62	0.94	1.15	1.25	1.24	1.12	0.88	0.52
45	0.67	0.96	1.14	1.21	1.18	1.05	0.82	0.48
50	0.70	0.95	1.10	1.15	1.11	0.97	0.75	0.43
60	0.72	0.89	0.98	0.99	0.93	0.80	0.60	0.33
70	0.69	0.80	0.84	0.82	0.75	0.63	0.46	0.25
80	0.63	0.69	0.70	0.67	0.59	0.48	0.34	0.17
90	0.57	0.59	0.57	0.53	0.46	0.36	0.25	0.12
100	0.50	0.49	0.46	0.41	0.35	0.27	0.18	0.08
110	0.43	0.41	0.37	0.32	0.26	0.20	0.13	0.05
120	0.36	0.33	0.29	0.25	0.20	0.14	0.09	0.03

5. Birch

5.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	26.831	26.678	26.508	26.321	26.116	25.894	25.654	25.398
10	12.581	12.509	12.427	12.337	12.237	12.129	12.011	11.884
15	7.855	7.810	7.758	7.700	7.635	7.565	7.488	7.404
20	5.511	5.479	5.441	5.399	5.353	5.301	5.244	5.183
25	4.118	4.094	4.066	4.034	3.997	3.957	3.913	3.864
30	3.202	3.183	3.161	3.135	3.105	3.073	3.037	2.997
35	2.557	2.542	2.524	2.503	2.478	2.451	2.421	2.388
40	2.083	2.070	2.055	2.037	2.016	1.993	1.968	1.940
45	1.721	1.710	1.697	1.682	1.665	1.645	1.623	1.599
50	1.438	1.429	1.418	1.405	1.390	1.372	1.353	1.332
60	1.029	1.022	1.014	1.004	0.993	0.979	0.965	0.948
70	0.754	0.749	0.743	0.735	0.726	0.716	0.704	0.691
80	0.561	0.558	0.553	0.547	0.540	0.531	0.522	0.511
90	0.423	0.420	0.416	0.411	0.406	0.399	0.391	0.383
100	0.321	0.319	0.316	0.312	0.307	0.302	0.296	0.289
110	0.245	0.244	0.241	0.238	0.234	0.230	0.225	0.219
120	0.188	0.187	0.185	0.183	0.180	0.176	0.172	0.167
				I Site Index				
5	31.191	31.053	30.927	30.814	30.712	30.622	30.545	30.479
10	14.923	14.859	14.800	14.748	14.701	14.660	14.625	14.595
15	9.513	9.474	9.438	9.405	9.377	9.352	9.331	9.313
20	6.819	6.791	6.766	6.744	6.724	6.707	6.693	6.682
25	5.210	5.190	5.171	5.155	5.141	5.128	5.118	5.110
30	4.144	4.129	4.114	4.102	4.091	4.082	4.075	4.069
35	3.388	3.376	3.365	3.355	3.347	3.340	3.334	3.330
40	2.827	2.817	2.808	2.800	2.794	2.788	2.784	2.781
45	2.394	2.386	2.379	2.372	2.367	2.363	2.360	2.357
50	2.051	2.045	2.039	2.034	2.030	2.027	2.024	2.022
60	1.547	1.543	1.539	1.535	1.533	1.531	1.529	1.529
70	1.197	1.194	1.192	1.189	1.188	1.187	1.186	1.186
80	0.944	0.942	0.940	0.938	0.938	0.937	0.937	0.937
90	0.754	0.753	0.751	0.751	0.750	0.750	0.750	0.750
100	0.609	0.608	0.607	0.606	0.606	0.606	0.607	0.607
110	0.495	0.494	0.494	0.494	0.494	0.494	0.495	0.495
120	0.405	0.405	0.405	0.405	0.405	0.405	0.406	0.406
				II Site Index				
5	34.102	33.982	33.844	33.688	33.514	33.322	33.113	32.886
10	15.992	15.934	15.866	15.789	15.702	15.605	15.498	15.383
15	9.987	9.949	9.905	9.854	9.795	9.731	9.659	9.581
20	7.007	6.980	6.947	6.909	6.866	6.817	6.763	6.703
25	5.237	5.216	5.191	5.161	5.126	5.087	5.044	4.996
30	4.073	4.056	4.035	4.010	3.982	3.950	3.913	3.874

5. Birch

5.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
35	3.253	3.239	3.222	3.201	3.177	3.150	3.119	3.085
40	2.650	2.638	2.623	2.606	2.585	2.561	2.534	2.505
45	2.190	2.180	2.167	2.152	2.133	2.113	2.089	2.063
50	1.830	1.821	1.810	1.797	1.781	1.762	1.741	1.718
60	1.310	1.304	1.295	1.284	1.272	1.257	1.240	1.222
70	0.960	0.955	0.948	0.940	0.930	0.918	0.904	0.889
80	0.715	0.711	0.706	0.699	0.691	0.681	0.670	0.657
90	0.539	0.536	0.531	0.526	0.519	0.511	0.502	0.492
100	0.410	0.407	0.403	0.399	0.393	0.386	0.379	0.370
110	0.313	0.311	0.308	0.304	0.300	0.294	0.288	0.281
120	0.241	0.239	0.236	0.233	0.229	0.225	0.220	0.214
	III Site Index							
5	38.067	37.963	37.841	37.700	37.542	37.365	37.170	36.957
10	17.844	17.793	17.732	17.660	17.579	17.488	17.387	17.276
15	11.139	11.105	11.064	11.016	10.961	10.898	10.829	10.752
20	7.812	7.787	7.756	7.720	7.678	7.630	7.577	7.518
25	5.836	5.817	5.792	5.763	5.729	5.691	5.647	5.599
30	4.536	4.520	4.500	4.476	4.447	4.415	4.378	4.338
35	3.622	3.609	3.592	3.571	3.546	3.518	3.487	3.452
40	2.949	2.937	2.922	2.904	2.883	2.859	2.831	2.801
45	2.435	2.425	2.413	2.397	2.378	2.356	2.332	2.305
50	2.034	2.026	2.014	2.000	1.983	1.964	1.942	1.918
60	1.455	1.448	1.439	1.428	1.414	1.399	1.381	1.361
70	1.065	1.060	1.052	1.043	1.032	1.020	1.005	0.989
80	0.793	0.788	0.782	0.775	0.766	0.755	0.743	0.730
90	0.596	0.593	0.588	0.582	0.574	0.566	0.556	0.545
100	0.453	0.450	0.446	0.441	0.434	0.427	0.419	0.410
110	0.346	0.343	0.340	0.336	0.330	0.324	0.318	0.310
120	0.265	0.263	0.260	0.257	0.253	0.248	0.242	0.236
	IV Site Index							
5	42.248	42.159	42.053	41.927	41.783	41.621	41.440	41.241
10	19.790	19.745	19.690	19.624	19.548	19.462	19.366	19.260
15	12.344	12.314	12.276	12.230	12.178	12.117	12.050	11.975
20	8.650	8.628	8.599	8.563	8.523	8.476	8.423	8.364
25	6.458	6.439	6.416	6.387	6.353	6.315	6.271	6.223
30	5.015	5.000	4.980	4.956	4.927	4.894	4.857	4.816
35	4.001	3.988	3.971	3.950	3.925	3.896	3.864	3.828
40	3.254	3.243	3.228	3.209	3.187	3.162	3.134	3.102
45	2.685	2.675	2.662	2.646	2.626	2.604	2.578	2.550
50	2.241	2.232	2.220	2.206	2.188	2.168	2.145	2.119
60	1.600	1.592	1.583	1.571	1.557	1.540	1.521	1.500
70	1.169	1.163	1.155	1.145	1.133	1.120	1.104	1.087
80	0.868	0.863	0.857	0.848	0.838	0.827	0.814	0.800
90	0.652	0.648	0.642	0.636	0.627	0.618	0.607	0.595
100	0.493	0.490	0.486	0.480	0.473	0.465	0.456	0.446

5. Birch

5.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
110	0.376	0.373	0.369	0.365	0.359	0.352	0.345	0.337
120	0.288	0.285	0.282	0.278	0.274	0.268	0.262	0.255
				V Site Index				
5	46.639	46.566	46.474	46.364	46.234	46.086	45.918	45.733
10	21.825	21.786	21.736	21.676	21.605	21.524	21.432	21.330
15	13.598	13.571	13.536	13.493	13.443	13.384	13.318	13.245
20	9.519	9.498	9.470	9.436	9.396	9.350	9.297	9.238
25	7.098	7.080	7.057	7.029	6.995	6.957	6.912	6.863
30	5.506	5.491	5.471	5.447	5.418	5.384	5.346	5.303
35	4.387	4.374	4.357	4.335	4.310	4.280	4.246	4.209
40	3.564	3.552	3.537	3.518	3.495	3.468	3.439	3.405
45	2.937	2.927	2.913	2.896	2.875	2.851	2.825	2.795
50	2.448	2.438	2.426	2.410	2.392	2.370	2.346	2.319
60	1.742	1.734	1.724	1.711	1.696	1.678	1.658	1.636
70	1.269	1.263	1.254	1.244	1.231	1.216	1.199	1.181
80	0.940	0.934	0.927	0.918	0.907	0.895	0.881	0.865
90	0.703	0.699	0.693	0.685	0.676	0.666	0.654	0.641
100	0.531	0.527	0.522	0.516	0.508	0.500	0.490	0.479
110	0.403	0.400	0.396	0.391	0.384	0.377	0.369	0.360
120	0.307	0.305	0.301	0.297	0.292	0.286	0.279	0.271

5. Birch

5.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5		31.975	32.758	33.687	34.759	35.974	37.328	38.821
10	14.691	14.891	15.159	15.492	15.890	16.349	16.868	17.446
15	9.170	9.232	9.336	9.479	9.661	9.879	10.132	10.418
20	6.431	6.429	6.456	6.511	6.592	6.697	6.826	6.976
25	4.805	4.768	4.754	4.761	4.787	4.830	4.890	4.965
30	3.734	3.678	3.640	3.618	3.612	3.619	3.639	3.670
35	2.982	2.914	2.861	2.823	2.797	2.782	2.777	2.781
40	2.427	2.353	2.292	2.243	2.205	2.177	2.157	2.144
45	2.005	1.927	1.862	1.808	1.763	1.726	1.697	1.675
50	1.674	1.596	1.529	1.472	1.424	1.383	1.349	1.320
60	1.197	1.121	1.055	0.998	0.949	0.906	0.869	0.837
70	0.877	0.806	0.745	0.692	0.646	0.606	0.571	0.541
80	0.652	0.588	0.533	0.486	0.445	0.410	0.379	0.353
90	0.491	0.434	0.385	0.344	0.309	0.280	0.254	0.232
100	0.372	0.322	0.281	0.246	0.216	0.192	0.171	0.153
110	0.284	0.241	0.205	0.176	0.152	0.132	0.115	0.101
120	0.218	0.181	0.151	0.127	0.107	0.091	0.078	0.067
				I Site Index				
5			36.388	37.107	37.973	38.986	40.143	41.443
10	16.609	16.703	16.869	17.105	17.408	17.777	18.211	18.707
15	10.376	10.370	10.409	10.492	10.616	10.781	10.984	11.224
20	7.283	7.231	7.213	7.225	7.267	7.336	7.432	7.552
25	5.446	5.371	5.322	5.297	5.294	5.311	5.348	5.404
30	4.237	4.149	4.083	4.037	4.008	3.996	3.999	4.016
35	3.386	3.292	3.217	3.158	3.115	3.084	3.067	3.060
40	2.759	2.663	2.583	2.518	2.465	2.425	2.394	2.374
45	2.281	2.185	2.103	2.035	1.978	1.932	1.894	1.865
50	1.907	1.812	1.731	1.662	1.604	1.555	1.514	1.480
60	1.367	1.278	1.201	1.135	1.078	1.029	0.987	0.951
70	1.003	0.922	0.852	0.792	0.740	0.695	0.656	0.622
80	0.748	0.675	0.613	0.560	0.514	0.475	0.441	0.412
90	0.564	0.500	0.446	0.400	0.361	0.328	0.299	0.275
100	0.429	0.373	0.327	0.288	0.255	0.227	0.204	0.184
110	0.329	0.280	0.240	0.208	0.181	0.158	0.140	0.124
120	0.253	0.211	0.178	0.151	0.129	0.110	0.096	0.084
				II Site Index				
5			39.856	40.368	41.031	41.844	42.806	43.915
10			18.513	18.654	18.866	19.148	19.498	19.914
15	11.539	11.468	11.447	11.472	11.542	11.655	11.810	12.006
20	8.108	8.010	7.949	7.922	7.926	7.962	8.027	8.120
25	6.069	5.959	5.878	5.824	5.794	5.788	5.804	5.841
30	4.726	4.612	4.521	4.452	4.403	4.373	4.361	4.365

5. Birch

5.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
35	3.782	3.665	3.570	3.493	3.434	3.390	3.361	3.346
40	3.085	2.970	2.873	2.794	2.729	2.677	2.639	2.611
45	2.554	2.441	2.346	2.265	2.198	2.143	2.099	2.065
50	2.138	2.029	1.936	1.857	1.789	1.733	1.687	1.649
60	1.536	1.436	1.350	1.277	1.213	1.159	1.113	1.074
70	1.130	1.040	0.963	0.897	0.840	0.791	0.749	0.713
80	0.845	0.765	0.697	0.639	0.590	0.547	0.510	0.479
90	0.639	0.569	0.510	0.460	0.418	0.381	0.351	0.324
100	0.488	0.427	0.376	0.334	0.298	0.268	0.242	0.221
110	0.375	0.322	0.279	0.243	0.213	0.189	0.168	0.151
120	0.289	0.244	0.207	0.178	0.153	0.133	0.117	0.103
				III Site Index				
5			43.162	43.470	43.932	44.549	45.317	46.237
10		20.118	20.091	20.141	20.264	20.461	20.729	21.067
15	12.661	12.530	12.450	12.420	12.438	12.502	12.611	12.764
20	8.906	8.767	8.666	8.601	8.572	8.575	8.611	8.678
25	6.675	6.534	6.424	6.342	6.288	6.260	6.257	6.277
30	5.205	5.066	4.952	4.863	4.796	4.751	4.725	4.718
35	4.170	4.034	3.921	3.829	3.756	3.700	3.661	3.638
40	3.406	3.275	3.164	3.072	2.996	2.936	2.890	2.857
45	2.824	2.698	2.590	2.500	2.424	2.362	2.312	2.273
50	2.367	2.247	2.144	2.056	1.982	1.920	1.869	1.828
60	1.706	1.597	1.504	1.424	1.355	1.297	1.248	1.207
70	1.259	1.162	1.080	1.008	0.947	0.895	0.851	0.813
80	0.944	0.859	0.787	0.724	0.671	0.626	0.587	0.554
90	0.717	0.642	0.579	0.526	0.480	0.442	0.409	0.381
100	0.549	0.484	0.430	0.385	0.346	0.314	0.287	0.264
110	0.423	0.367	0.321	0.283	0.251	0.224	0.202	0.183
120	0.327	0.280	0.240	0.208	0.182	0.160	0.142	0.128
				IV Site Index				
5		46.360	46.306	46.413	46.677	47.099	47.676	48.407
10		21.723	21.604	21.564	21.602	21.715	21.902	22.163
15	13.742	13.554	13.419	13.337	13.305	13.322	13.387	13.498
20	9.680	9.501	9.363	9.264	9.202	9.176	9.185	9.226
25	7.265	7.095	6.959	6.853	6.777	6.728	6.707	6.711
30	5.674	5.512	5.379	5.272	5.189	5.129	5.091	5.074
35	4.552	4.399	4.271	4.165	4.079	4.014	3.967	3.936
40	3.724	3.579	3.456	3.353	3.268	3.200	3.148	3.111
45	3.092	2.955	2.838	2.738	2.655	2.587	2.533	2.492
50	2.596	2.467	2.355	2.261	2.181	2.114	2.060	2.017
60	1.877	1.762	1.663	1.578	1.506	1.444	1.393	1.351
70	1.390	1.289	1.201	1.126	1.062	1.008	0.962	0.923
80	1.047	0.958	0.881	0.816	0.761	0.713	0.673	0.639
90	0.798	0.720	0.654	0.598	0.550	0.510	0.476	0.447
100	0.613	0.546	0.489	0.441	0.401	0.367	0.338	0.314

5. Birch

5.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
110	0.474	0.416	0.368	0.327	0.293	0.265	0.242	0.222
120	0.369	0.319	0.278	0.244	0.216	0.192	0.173	0.157
				V Site Index				
5		49.544	49.289	49.197	49.266	49.494	49.881	50.424
10		23.260	23.052	22.925	22.879	22.910	23.019	23.203
15	14.784	14.542	14.355	14.222	14.142	14.114	14.135	14.206
20	10.430	10.215	10.042	9.911	9.818	9.764	9.746	9.764
25	7.841	7.645	7.484	7.355	7.259	7.192	7.154	7.143
30	6.133	5.952	5.801	5.678	5.581	5.508	5.459	5.433
35	4.929	4.761	4.619	4.501	4.406	4.332	4.277	4.241
40	4.039	3.883	3.750	3.638	3.545	3.471	3.414	3.373
45	3.359	3.213	3.088	2.982	2.893	2.821	2.764	2.720
50	2.826	2.689	2.572	2.471	2.387	2.317	2.261	2.217
60	2.051	1.931	1.828	1.739	1.664	1.601	1.548	1.506
70	1.525	1.420	1.330	1.252	1.186	1.130	1.084	1.045
80	1.153	1.061	0.983	0.915	0.858	0.810	0.769	0.735
90	0.882	0.802	0.734	0.676	0.627	0.586	0.551	0.522
100	0.681	0.612	0.553	0.504	0.462	0.427	0.398	0.373
110	0.529	0.469	0.419	0.377	0.342	0.313	0.288	0.268
120	0.413	0.362	0.319	0.284	0.254	0.230	0.210	0.193

5. Birch

5.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5		5.821	9.381	12.657	15.752	18.922	22.762	28.851
10	3.127	5.526	7.946	10.425	13.053	16.025	19.790	25.568
15	2.797	4.447	6.161	7.982	9.987	12.335	15.377	20.062
20	2.382	3.568	4.815	6.160	7.669	9.467	11.828	15.490
25	2.017	2.889	3.810	4.809	5.940	7.303	9.110	11.931
30	1.713	2.362	3.046	3.790	4.636	5.663	7.036	9.196
35	1.461	1.946	2.454	3.008	3.639	4.410	5.449	7.096
40	1.252	1.614	1.990	2.400	2.868	3.444	4.227	5.481
45	1.077	1.345	1.622	1.922	2.268	2.696	3.284	4.237
50	0.929	1.125	1.326	1.544	1.796	2.112	2.552	3.276
60	0.698	0.795	0.894	1.001	1.129	1.296	1.539	1.954
70	0.529	0.567	0.606	0.650	0.708	0.791	0.921	1.158
80	0.403	0.407	0.411	0.421	0.440	0.476	0.543	0.677
90	0.309	0.293	0.279	0.270	0.269	0.280	0.312	0.386
100	0.237	0.211	0.189	0.171	0.160	0.158	0.171	0.212
110	0.183	0.153	0.127	0.106	0.091	0.084	0.086	0.108
120	0.141	0.110	0.084	0.063	0.048	0.038	0.037	0.048
				I Site Index				
5			9.433	13.935	18.227	22.558	27.597	35.281
10	2.458	5.413	8.426	11.516	14.762	18.365	22.822	29.567
15	2.559	4.558	6.642	8.842	11.234	13.984	17.475	22.806
20	2.314	3.742	5.242	6.846	8.619	10.693	13.368	17.488
25	2.027	3.077	4.179	5.364	6.685	8.246	10.281	13.442
30	1.761	2.544	3.363	4.244	5.230	6.404	7.949	10.369
35	1.527	2.115	2.727	3.383	4.120	5.002	6.173	8.023
40	1.326	1.768	2.224	2.712	3.262	3.923	4.809	6.223
45	1.153	1.484	1.822	2.184	2.591	3.086	3.755	4.837
50	1.004	1.250	1.499	1.764	2.064	2.432	2.936	3.764
60	0.765	0.894	1.022	1.159	1.316	1.515	1.798	2.282
70	0.587	0.645	0.702	0.764	0.839	0.942	1.098	1.380
80	0.452	0.468	0.484	0.503	0.533	0.581	0.664	0.828
90	0.349	0.341	0.333	0.330	0.335	0.353	0.395	0.489
100	0.271	0.249	0.230	0.215	0.207	0.209	0.228	0.282
110	0.210	0.182	0.158	0.138	0.124	0.119	0.125	0.155
120	0.163	0.133	0.107	0.087	0.071	0.063	0.063	0.079
				II Site Index				
5			10.329	16.384	22.165	27.829	33.959	42.435
10			9.125	12.950	16.911	21.161	26.135	33.163
15	2.269	4.672	7.188	9.831	12.651	15.782	19.562	24.992
20	2.185	3.891	5.685	7.585	9.641	11.964	14.818	18.968
25	1.980	3.233	4.547	5.943	7.463	9.197	11.354	14.522
30	1.759	2.697	3.674	4.711	5.844	7.144	8.776	11.197

5. Birch

5.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
35	1.552	2.260	2.993	3.768	4.615	5.593	6.829	8.682
40	1.365	1.903	2.454	3.034	3.668	4.404	5.341	6.761
45	1.201	1.608	2.022	2.456	2.930	3.482	4.193	5.282
50	1.056	1.364	1.673	1.996	2.348	2.762	3.300	4.136
60	0.819	0.989	1.156	1.329	1.520	1.748	2.055	2.548
70	0.637	0.723	0.806	0.891	0.988	1.109	1.281	1.573
80	0.497	0.532	0.565	0.599	0.643	0.703	0.796	0.967
90	0.389	0.393	0.397	0.403	0.416	0.442	0.490	0.590
100	0.305	0.292	0.279	0.270	0.267	0.274	0.297	0.354
110	0.239	0.217	0.196	0.180	0.169	0.166	0.175	0.207
120	0.188	0.161	0.138	0.119	0.105	0.097	0.099	0.116
				III Site Index				
5			12.510	20.558	28.133	35.066	41.402	47.725
10		5.588	10.190	14.895	19.629	24.369	29.204	34.553
15	1.956	4.839	7.874	11.025	14.276	17.642	21.217	25.329
20	2.012	4.047	6.187	8.420	10.748	13.199	15.856	18.979
25	1.887	3.380	4.943	6.573	8.279	10.090	12.078	14.447
30	1.716	2.837	4.001	5.211	6.478	7.829	9.323	11.124
35	1.541	2.393	3.271	4.178	5.127	6.140	7.267	8.636
40	1.376	2.029	2.695	3.378	4.091	4.853	5.704	6.748
45	1.226	1.728	2.234	2.750	3.286	3.859	4.502	5.297
50	1.091	1.476	1.861	2.249	2.652	3.082	3.568	4.174
60	0.863	1.088	1.306	1.523	1.746	1.985	2.260	2.611
70	0.684	0.808	0.926	1.041	1.160	1.289	1.440	1.642
80	0.542	0.605	0.662	0.717	0.774	0.839	0.919	1.033
90	0.430	0.455	0.475	0.495	0.517	0.545	0.585	0.648
100	0.342	0.343	0.342	0.342	0.345	0.353	0.369	0.402
110	0.272	0.260	0.247	0.236	0.229	0.226	0.230	0.246
120	0.216	0.197	0.179	0.163	0.151	0.143	0.141	0.147
				IV Site Index				
5		5.896	16.853	27.522	37.062	44.428	48.167	45.793
10		6.202	11.949	17.718	23.159	27.784	30.813	30.752
15	1.682	5.189	8.882	12.621	16.212	19.369	21.596	21.883
20	1.839	4.296	6.871	9.478	11.997	14.241	15.869	16.159
25	1.782	3.584	5.458	7.347	9.171	10.802	11.994	12.214
30	1.658	3.016	4.415	5.815	7.162	8.363	9.237	9.379
35	1.517	2.558	3.618	4.671	5.677	6.568	7.207	7.283
40	1.376	2.183	2.995	3.794	4.550	5.213	5.678	5.703
45	1.244	1.873	2.498	3.107	3.677	4.170	4.506	4.494
50	1.122	1.614	2.097	2.561	2.991	3.357	3.596	3.558
60	0.909	1.211	1.498	1.766	2.008	2.205	2.319	2.253
70	0.736	0.917	1.084	1.235	1.366	1.466	1.511	1.438
80	0.595	0.700	0.792	0.872	0.938	0.983	0.991	0.921
90	0.481	0.537	0.583	0.620	0.647	0.661	0.651	0.589
100	0.389	0.413	0.431	0.442	0.448	0.446	0.427	0.375

5. Birch

5.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
110	0.314	0.319	0.320	0.317	0.311	0.300	0.279	0.236
120	0.254	0.247	0.238	0.227	0.216	0.201	0.181	0.146
				V Site Index				
5		10.626	25.815	40.019	50.898	55.432	50.030	30.988
10		7.970	15.431	22.501	28.123	30.837	28.741	19.598
15	1.680	6.171	10.836	15.251	18.787	20.547	19.312	13.567
20	1.833	4.959	8.173	11.193	13.599	14.785	13.902	9.866
25	1.793	4.088	6.419	8.586	10.293	11.105	10.405	7.391
30	1.689	3.430	5.173	6.774	8.014	8.571	7.984	5.646
35	1.567	2.914	4.245	5.449	6.363	6.741	6.233	4.372
40	1.441	2.499	3.529	4.446	5.124	5.375	4.927	3.419
45	1.320	2.158	2.962	3.666	4.170	4.330	3.932	2.693
50	1.205	1.875	2.506	3.048	3.423	3.516	3.161	2.133
60	1.001	1.432	1.824	2.146	2.349	2.361	2.076	1.353
70	0.829	1.107	1.350	1.538	1.641	1.612	1.384	0.866
80	0.684	0.862	1.010	1.116	1.161	1.114	0.932	0.555
90	0.564	0.675	0.762	0.817	0.828	0.776	0.631	0.355
100	0.463	0.530	0.578	0.602	0.595	0.543	0.429	0.225
110	0.380	0.418	0.440	0.446	0.429	0.382	0.291	0.141
120	0.312	0.329	0.336	0.331	0.310	0.269	0.198	0.086

6. Aspen

6.1 Growing stock, m^3/ha

AGE	STOKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	26.8	23.9	21.0	18.2	15.3	12.6	9.8	7.1
10	73	65	57	49	42	34	26	19
15	126	112	98	85	71	58	45	33
20	180	160	140	121	102	83	64	46
25	232	206	180	155	131	106	83	59
30	281	249	218	188	158	128	100	72
35	326	289	253	217	183	149	115	83
40	367	325	284	244	205	167	129	93
45	404	358	313	269	225	183	142	102
50	437	387	338	290	243	198	153	110
60	492	435	380	326	273	222	171	123
70	535	473	412	353	296	240	186	133
80	567	501	437	374	313	254	196	140
90	592	523	456	390	327	265	204	146
100	611	539	470	402	336	272	210	150
110	625	552	481	411	344	278	215	153
120	636	561	488	418	349	283	218	156
				I Site Index				
5	21.3	19.0	16.7	14.5	12.3	10.1	7.9	5.7
10	56.9	50.6	44.5	38.4	32.4	26.5	20.8	15.1
15	97	86	76	65	55	45	35	25
20	139	123	108	93	78	64	50	36
25	179	159	139	120	101	82	64	46
30	218	193	169	146	122	100	78	56
35	255	226	197	169	142	116	90	65
40	288	255	223	191	161	131	102	73
45	319	282	246	212	178	144	112	81
50	347	307	268	230	193	157	122	88
60	395	349	305	261	219	178	138	99
70	434	383	334	286	240	194	151	108
80	465	410	357	306	256	208	161	116
90	489	432	376	322	269	218	169	121
100	509	449	390	334	279	226	175	126
110	524	462	402	343	287	233	180	129
120	535	472	410	351	293	237	184	132
				II Site Index				
5	16.08	14.34	12.63	10.94	9.28	7.64	6.02	4.43
10	42.8	38.0	33.4	28.9	24.4	20.0	15.7	11.5
15	73.3	65.0	57.0	49.2	41.5	34.0	26.7	19.5
20	105	93	81	70	59	48	38	28
25	136	121	106	91	76	63	49	36
30	167	148	129	111	93	76	59	43

6. Aspen

6.1 Growing stock, m^3/ha

AGE	STOKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
35	196	173	151	130	109	89	69	51
40	223	197	172	147	124	101	79	57
45	248	219	191	164	137	112	87	64
50	271	239	208	179	150	122	95	69
60	311	275	239	205	172	140	109	79
70	345	304	265	227	190	154	120	87
80	373	329	286	244	205	166	129	94
90	395	348	303	259	216	176	137	99
100	414	364	316	270	226	183	142	103
110	428	377	327	280	234	190	147	107
120	440	387	336	287	240	194	151	109
				III Site Index				
5	11.45	10.21	8.99	7.80	6.62	5.48	4.36	3.26
10	31.0	27.5	24.1	20.9	17.6	14.5	11.5	8.6
15	53.7	47.6	41.7	35.9	30.3	24.9	19.7	14.7
20	78	69	60	52	44	36	28	21
25	102	90	78	67	57	47	37	27
30	125	111	96	83	70	57	45	33
35	148	130	114	97	82	67	53	39
40	169	149	130	111	93	76	60	44
45	189	167	145	124	104	85	67	49
50	208	183	159	136	114	93	73	54
60	241	212	184	158	132	108	84	62
70	269	237	205	176	147	120	94	69
80	293	257	223	191	159	130	102	75
90	312	274	238	203	170	138	108	80
100	328	288	250	213	178	145	113	83
110	341	299	259	221	185	150	117	86
120	352	309	267	228	190	155	121	89
				IV Site Index				
5	7.66	6.81	5.99	5.19	4.42	3.68	2.97	2.28
10	21.5	19.0	16.7	14.4	12.2	10.1	8.1	6.2
15	38.1	33.6	29.3	25.3	21.3	17.6	14.1	10.8
20	56	49	43	37	31	26	20	16
25	74	65	57	49	41	34	27	20
30	92	81	70	60	51	42	33	25
35	109	96	83	71	60	49	39	30
40	126	110	96	82	69	56	45	34
45	141	124	107	92	77	63	50	38
50	156	137	118	101	85	70	55	42
60	182	159	138	118	99	81	64	49
70	204	179	155	132	111	90	72	54
80	223	195	169	144	120	98	78	59
90	239	209	180	154	129	105	83	63
100	252	220	190	162	135	110	87	66

6. Aspen

6.1 Growing stock, m^3/ha

AGE	STOKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
110	262	229	198	169	141	115	91	69
120	271	237	205	174	145	119	94	71
				V Site Index				
5	4.71	4.16	3.64	3.15	2.69	2.26	1.87	1.51
10	13.99	12.31	10.72	9.22	7.83	6.55	5.38	4.32
15	25.5	22.4	19.4	16.7	14.1	11.8	9.6	7.7
20	38.2	33.4	28.9	24.8	20.9	17.4	14.2	11.4
25	51	45	39	33	28	23	19	15
30	64	56	48	41	35	29	24	19
35	77	67	58	49	42	34	28	22
40	89	78	67	57	48	40	32	26
45	101	88	75	64	54	45	36	29
50	111	97	83	71	60	49	40	32
60	131	114	98	83	70	58	47	37
70	147	128	110	93	78	65	52	41
80	161	140	120	102	85	70	57	45
90	172	150	129	109	91	75	61	48
100	182	158	135	115	96	79	64	51
110	189	164	141	120	100	82	67	53
120	196	170	146	124	103	85	69	54

6. Aspen

6.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5					15.8	14.1	12.3	10.4
10	76	73	70	66	62	56	50	43
15	147	144	140	134	126	116	104	90
20	225	223	217	209	197	182	164	141
25	305	302	296	285	269	249	223	192
30	382	379	371	357	337	311	278	239
35	454	451	440	423	398	366	327	281
40	521	516	503	482	452	415	370	317
45	581	574	558	533	499	457	406	347
50	635	625	606	577	540	493	437	372
60	724	709	683	648	602	547	482	409
70	792	771	740	697	645	584	513	434
80	843	817	780	732	675	608	533	450
90	881	850	808	756	695	625	546	460
100	910	874	828	773	708	635	555	466
110	930	891	842	784	717	642	560	470
120	945	903	852	791	723	647	563	473
				I Site Index				
5					12.8	11.4	9.9	8.2
10	59.1	57.7	55.6	52.8	49.3	44.9	39.6	33.4
15	114	113	111	106	100	92	81	69
20	176	175	172	166	157	144	128	108
25	239	239	235	226	214	196	174	147
30	300	300	295	284	267	245	217	182
35	358	357	350	337	317	289	255	214
40	412	410	401	384	360	328	289	242
45	460	457	446	426	398	362	317	265
50	504	499	485	462	430	390	341	284
60	577	568	549	520	481	434	377	313
70	634	620	596	561	517	464	402	332
80	677	659	629	590	542	484	418	344
90	710	687	653	610	558	498	429	352
100	734	707	671	624	570	507	436	357
110	752	722	683	634	577	512	440	360
120	765	733	691	641	582	516	443	362
				II Site Index				
5				11.26	10.31	9.21	7.94	6.48
10	45.4	44.9	43.7	41.8	39.2	35.6	31.1	25.7
15	87.9	88.1	86.7	83.7	78.9	72.1	63.3	52.3
20	135	136	135	130	123	113	99	82
25	184	186	184	178	168	153	134	110
30	232	234	231	223	210	191	167	137

6. Aspen

6.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
35	277	279	275	265	249	226	197	161
40	319	320	315	303	283	256	223	181
45	357	358	351	336	313	283	245	199
50	392	391	382	365	339	305	263	213
60	451	447	434	411	380	340	292	235
70	497	489	472	445	409	364	311	250
80	533	521	500	469	429	381	324	259
90	560	545	520	486	443	392	332	266
100	580	562	534	498	452	399	338	270
110	595	575	545	506	459	404	342	272
120	607	584	552	511	463	407	344	274
				III Site Index				
5			9.63	9.09	8.40	7.53	6.47	5.18
10	34.5	34.7	34.2	33.1	31.1	28.4	24.6	19.9
15	66.4	67.6	67.4	65.6	62.1	56.8	49.4	39.9
20	102	104	104	102	96	88	77	62
25	139	142	142	138	131	120	104	83
30	175	179	179	174	164	149	129	103
35	209	214	213	206	194	176	151	121
40	242	246	244	236	221	200	171	136
45	271	275	272	262	245	220	188	149
50	298	301	297	285	265	238	203	160
60	344	345	338	322	298	265	225	177
70	381	379	368	349	321	284	240	188
80	409	405	391	368	337	298	250	195
90	431	424	407	382	349	307	257	200
100	448	438	419	392	356	313	262	203
110	461	449	428	399	362	317	265	205
120	470	457	434	404	365	320	267	206
				IV Site Index				
5		7.86	7.73	7.44	6.98	6.33	5.46	4.34
10	25.8	26.6	26.8	26.3	25.1	23.0	20.1	16.0
15	49.3	51.4	52.2	51.6	49.4	45.4	39.6	31.6
20	75	79	80	79	76	70	61	48
25	102	107	109	108	103	94	82	65
30	129	135	137	135	129	117	101	80
35	155	161	163	160	152	138	119	94
40	179	185	187	183	173	157	134	105
45	201	208	209	203	192	173	148	116
50	221	228	228	221	208	187	159	124
60	256	262	260	251	234	209	177	137
70	284	288	284	272	252	224	189	146
80	306	309	302	288	266	235	197	152
90	324	324	316	299	275	243	203	155
100	337	336	326	308	281	248	206	158

6. Aspen

6.2 Total volume, m^3/ha

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
110	348	344	333	313	286	251	209	160
120	355	351	338	317	289	253	211	161
				V Site Index				
5	5.96	6.21	6.32	6.27	6.04	5.61	4.96	4.04
10	19.10	20.42	21.23	21.43	20.94	19.65	17.46	14.24
15	36.0	38.9	40.7	41.3	40.5	38.0	33.8	27.5
20	54.8	59.3	62.2	63.1	61.8	58.0	51.3	41.6
25	74	80	84	85	83	78	69	55
30	93	101	105	106	103	96	85	68
35	112	120	125	126	122	113	99	79
40	129	138	144	144	139	128	112	89
45	145	155	160	160	154	141	123	98
50	160	170	175	174	167	153	132	105
60	186	196	200	197	188	171	147	116
70	207	217	219	215	203	184	157	123
80	224	233	234	228	214	193	164	128
90	237	245	245	237	222	199	169	132
100	248	254	253	244	227	204	172	134
110	256	261	259	249	231	207	174	135
120	262	267	263	252	234	209	176	136

6 Aspen

6.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5			6.28	5.42	4.57	3.74	2.91	2.10
10	10.16	9.03	7.91	6.82	5.74	4.68	3.64	2.62
15	10.79	9.57	8.38	7.20	6.06	4.93	3.83	2.75
20	10.67	9.45	8.26	7.10	5.96	4.84	3.75	2.69
25	10.15	8.98	7.84	6.73	5.64	4.58	3.54	2.53
30	9.43	8.33	7.27	6.23	5.21	4.23	3.27	2.33
35	8.61	7.61	6.63	5.67	4.74	3.84	2.97	2.12
40	7.78	6.87	5.97	5.11	4.27	3.45	2.66	1.90
45	6.97	6.14	5.34	4.56	3.81	3.07	2.37	1.68
50	6.20	5.46	4.74	4.05	3.37	2.72	2.09	1.49
60	4.84	4.25	3.69	3.14	2.61	2.10	1.61	1.14
70	3.73	3.27	2.83	2.40	1.99	1.60	1.23	0.87
80	2.84	2.49	2.15	1.82	1.51	1.21	0.93	0.65
90	2.16	1.88	1.62	1.37	1.14	0.91	0.69	0.49
100	1.63	1.42	1.22	1.03	0.85	0.68	0.52	0.36
				I Site Index				
5			4.86	4.20	3.54	2.90	2.27	1.65
10	7.76	6.89	6.04	5.20	4.38	3.58	2.79	2.02
15	8.27	7.33	6.41	5.51	4.64	3.78	2.94	2.12
20	8.27	7.32	6.39	5.49	4.60	3.75	2.91	2.10
25	7.97	7.05	6.15	5.27	4.42	3.59	2.78	2.00
30	7.53	6.65	5.79	4.96	4.15	3.37	2.61	1.88
35	7.00	6.17	5.37	4.59	3.84	3.11	2.41	1.73
40	6.44	5.67	4.93	4.21	3.52	2.85	2.20	1.58
45	5.87	5.17	4.49	3.83	3.20	2.59	2.00	1.43
50	5.33	4.69	4.07	3.47	2.89	2.33	1.80	1.29
60	4.32	3.79	3.29	2.80	2.33	1.88	1.44	1.03
70	3.46	3.03	2.62	2.23	1.85	1.49	1.14	0.81
80	2.75	2.41	2.08	1.76	1.46	1.17	0.90	0.64
90	2.17	1.89	1.63	1.38	1.14	0.92	0.70	0.50
100	1.70	1.49	1.28	1.08	0.89			0.39
				II Site Index				
5		4.14	3.64	3.14	2.66	2.18	1.71	1.26
10	5.84	5.18	4.53	3.90	3.29	2.69	2.11	1.54
15	6.28	5.56	4.85	4.17	3.51	2.86	2.24	1.63
20	6.35	5.61	4.89	4.19	3.52	2.87	2.24	1.63
25	6.20	5.47	4.76	4.08	3.42	2.78	2.17	1.57
30	5.93	5.22	4.54	3.89	3.25	2.64	2.06	1.49
35	5.59	4.92	4.28	3.65	3.05	2.48	1.93	1.40
40	5.21	4.59	3.98	3.40	2.84	2.30	1.78	1.29
45	4.82	4.24	3.68	3.14	2.62	2.12	1.64	1.19
50	4.44	3.90	3.38	2.88	2.40	1.94	1.50	1.08

6 Aspen

6.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
60	3.71	3.25	2.81	2.39	1.99	1.60	1.24	0.89
70	3.05	2.67	2.31	1.96	1.63	1.31	1.01	0.73
80	2.49	2.18	1.88	1.59	1.32	1.06	0.82	0.59
90	2.02	1.77	1.52	1.29	1.07	0.86	0.66	0.47
100	1.63	1.43						
				III Site Index				
5	3.37	2.99	2.63	2.27	1.92	1.58	1.25	0.93
10	4.31	3.81	3.33	2.87	2.42	1.98	1.57	1.16
15	4.71	4.16	3.62	3.11	2.62	2.14	1.68	1.25
20	4.82	4.25	3.70	3.17	2.66	2.17	1.71	1.26
25	4.77	4.20	3.65	3.12	2.61	2.13	1.67	1.23
30	4.61	4.05	3.52	3.01	2.52	2.05	1.60	1.18
35	4.40	3.86	3.35	2.85	2.39	1.94	1.52	1.12
40	4.14	3.63	3.15	2.68	2.24	1.82	1.42	1.04
45	3.87	3.39	2.94	2.50	2.09	1.69	1.32	0.97
50	3.60	3.15	2.72	2.32	1.93	1.57	1.22	0.90
60	3.06	2.68	2.31	1.96	1.63	1.32	1.03	0.75
70	2.57	2.24	1.93	1.64	1.36	1.10	0.85	0.62
80	2.14	1.86	1.60	1.36	1.13	0.91	0.70	0.51
90	1.76	1.54	1.32	1.12	0.93			
				IV Site Index				
5	2.34	2.07	1.81	1.56	1.33	1.10	0.88	0.67
10	3.11	2.74	2.39	2.05	1.73	1.42	1.14	0.87
15	3.47	3.05	2.65	2.27	1.91	1.57	1.25	0.95
20	3.61	3.16	2.74	2.35	1.97	1.62	1.28	0.97
25	3.61	3.16	2.74	2.34	1.96	1.60	1.27	0.96
30	3.52	3.08	2.67	2.27	1.90	1.56	1.23	0.93
35	3.39	2.96	2.56	2.18	1.82	1.49	1.17	0.89
40	3.21	2.81	2.42	2.06	1.72	1.40	1.11	0.84
45	3.02	2.64	2.27	1.93	1.61	1.31	1.04	0.78
50	2.82	2.46	2.12	1.80	1.50	1.22	0.96	0.72
60	2.42	2.11	1.82	1.54	1.28	1.04	0.82	0.62
70	2.05	1.78	1.53	1.30	1.08	0.87	0.69	0.52
80	1.72	1.49	1.28	1.08	0.90	0.73	0.57	0.43
90	1.42	1.24	1.06	0.90	0.74	0.60		
				V Site Index				
5	1.517	1.335	1.163	1.001	0.851	0.711	0.584	0.469
10	2.13	1.86	1.62	1.38	1.17	0.97	0.79	0.63
15	2.45	2.13	1.84	1.57	1.33	1.10	0.89	0.71
20	2.59	2.25	1.94	1.65	1.39	1.15	0.93	0.74
25	2.62	2.28	1.96	1.67	1.40	1.15	0.94	0.74
30	2.58	2.24	1.92	1.63	1.37	1.13	0.91	0.72
35	2.49	2.16	1.85	1.57	1.31	1.08	0.87	0.69

6 Aspen

6.3 Net increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
40	2.37	2.05	1.76	1.49	1.25	1.03	0.83	0.65
45	2.23	1.93	1.65	1.40	1.17	0.96	0.78	0.61
50	2.08	1.80	1.54	1.31	1.09	0.90	0.72	0.57
60	1.79	1.55	1.32	1.12	0.93	0.76	0.61	0.48
70	1.51	1.30	1.11	0.94	0.78	0.64	0.51	0.40
80	1.26	1.08	0.93	0.78	0.65	0.53	0.43	0.33
90	1.04	0.89	0.76	0.64	0.53	0.44	0.35	
100	0.85	0.73	0.63	0.53	0.44	0.36		

6. Aspen

6.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5					6.53	5.94	5.27	4.51
10	12.84	12.75	12.49	12.05	11.42	10.58	9.53	8.25
15	15.15	15.20	15.01	14.56	13.85	12.87	11.61	10.06
20	15.94	16.00	15.79	15.29	14.51	13.44	12.07	10.41
25	15.77	15.75	15.46	14.89	14.05	12.93	11.54	9.88
30	15.01	14.88	14.49	13.85	12.96	11.83	10.47	8.90
35	13.92	13.67	13.19	12.49	11.58	10.47	9.19	7.75
40	12.67	12.32	11.76	11.02	10.11	9.06	7.88	6.59
45	11.38	10.94	10.33	9.57	8.69	7.71	6.64	5.50
50	10.11	9.61	8.96	8.22	7.38	6.48	5.53	4.54
60	7.81	7.24	6.59	5.90	5.19	4.46	3.73	3.01
70	5.91	5.34	4.74	4.15	3.57	3.00	2.47	1.95
80	4.41	3.88	3.36	2.88	2.42	2.00	1.61	1.25
90	3.26	2.80	2.36	1.97	1.62	1.31	1.04	0.79
100	2.40	2.00	1.65	1.35	1.09	0.86	0.67	0.50
				I Site Index				
5					5.21	4.73	4.17	3.51
10	10.00	10.02	9.87	9.55	9.05	8.35	7.44	6.31
15	11.87	11.99	11.88	11.55	10.96	10.13	9.02	7.64
20	12.56	12.68	12.54	12.16	11.50	10.57	9.37	7.90
25	12.50	12.55	12.34	11.88	11.17	10.19	8.97	7.50
30	11.97	11.92	11.62	11.10	10.34	9.36	8.16	6.77
35	11.17	11.01	10.63	10.05	9.27	8.31	7.19	5.91
40	10.23	9.98	9.53	8.91	8.14	7.22	6.18	5.03
45	9.25	8.91	8.41	7.78	7.02	6.17	5.23	4.22
50	8.27	7.87	7.34	6.71	5.99	5.21	4.37	3.49
60	6.46	6.00	5.46	4.87	4.25	3.62	2.98	2.34
70	4.95	4.47	3.97	3.46	2.95	2.46	1.98	1.53
80	3.73	3.29	2.84	2.42	2.02	1.65	1.30	0.99
90	2.79	2.39	2.02	1.68	1.37	1.09	0.85	0.63
100	2.07	1.73	1.42	1.16	0.92	0.72	0.55	0.40
				II Site Index				
5				4.45	4.15	3.77	3.29	2.71
10	7.67	7.76	7.71	7.50	7.11	6.53	5.75	4.76
15	9.12	9.29	9.27	9.04	8.58	7.88	6.93	5.72
20	9.69	9.86	9.81	9.52	9.00	8.22	7.19	5.89
25	9.69	9.80	9.68	9.33	8.75	7.93	6.88	5.60
30	9.33	9.35	9.16	8.75	8.12	7.30	6.27	5.06
35	8.76	8.68	8.42	7.96	7.32	6.51	5.54	4.42
40	8.07	7.91	7.58	7.09	6.45	5.67	4.78	3.78
45	7.33	7.11	6.73	6.22	5.59	4.87	4.06	3.18
50	6.60	6.31	5.90	5.39	4.79	4.13	3.41	2.64

6. Aspen

6.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
60	5.22	4.87	4.44	3.95	3.43	2.89	2.34	1.78
70	4.05	3.67	3.26	2.84	2.41	1.98	1.57	1.17
80	3.09	2.73	2.36	2.01	1.66	1.34	1.04	0.76
90	2.34	2.01	1.70	1.41	1.14	0.90	0.69	0.49
100	1.76	1.47	1.21	0.98	0.78	0.60	0.45	0.32
				III Site Index				
5			3.66	3.53	3.32	3.02	2.62	2.11
10	5.77	5.93	5.96	5.84	5.56	5.11	4.46	3.61
15	6.86	7.08	7.14	7.00	6.67	6.11	5.32	4.28
20	7.30	7.52	7.55	7.37	6.98	6.35	5.49	4.39
25	7.33	7.49	7.47	7.24	6.79	6.13	5.25	4.16
30	7.09	7.18	7.09	6.80	6.32	5.65	4.80	3.77
35	6.69	6.70	6.54	6.21	5.71	5.05	4.25	3.30
40	6.20	6.14	5.92	5.56	5.05	4.42	3.68	2.83
45	5.67	5.54	5.28	4.90	4.40	3.81	3.14	2.39
50	5.13	4.95	4.66	4.27	3.79	3.25	2.64	1.99
60	4.11	3.86	3.54	3.16	2.75	2.30	1.83	1.35
70	3.22	2.95	2.63	2.30	1.94	1.59	1.24	0.90
80	2.50	2.22	1.93	1.64	1.36	1.09	0.83	0.59
90	1.91	1.66	1.40	1.16	0.94	0.74	0.55	0.39
				IV Site Index				
5		2.86	2.88	2.82	2.69	2.47	2.15	1.72
10	4.26	4.48	4.58	4.56	4.39	4.05	3.54	2.83
15	5.04	5.31	5.45	5.41	5.20	4.79	4.16	3.31
20	5.36	5.64	5.75	5.68	5.42	4.96	4.28	3.37
25	5.39	5.63	5.69	5.58	5.28	4.78	4.08	3.19
30	5.24	5.41	5.42	5.25	4.92	4.41	3.73	2.89
35	4.96	5.07	5.02	4.82	4.46	3.95	3.31	2.53
40	4.62	4.66	4.56	4.33	3.96	3.47	2.87	2.18
45	4.25	4.24	4.09	3.83	3.47	3.00	2.46	1.85
50	3.87	3.81	3.63	3.36	3.00	2.57	2.08	1.55
60	3.14	3.01	2.79	2.52	2.19	1.84	1.46	1.06
70	2.50	2.32	2.10	1.85	1.57	1.29	1.00	0.71
80	1.96	1.77	1.56	1.34	1.11	0.89	0.68	0.47
90	1.52	1.34	1.15	0.96	0.78	0.61	0.45	0.31
				V Site Index				
5	2.064	2.205	2.290	2.311	2.258	2.120	1.886	1.541
10	3.09	3.36	3.54	3.62	3.56	3.36	2.99	2.43
15	3.62	3.95	4.16	4.24	4.16	3.90	3.45	2.79
20	3.84	4.18	4.38	4.43	4.31	4.01	3.52	2.82
25	3.87	4.17	4.33	4.34	4.19	3.86	3.35	2.66
30	3.77	4.02	4.13	4.10	3.91	3.56	3.06	2.40
35	3.58	3.78	3.84	3.76	3.55	3.20	2.72	2.11

6. Aspen

6.4 Gross increment, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
40	3.36	3.49	3.51	3.40	3.17	2.82	2.37	1.82
45	3.10	3.19	3.16	3.02	2.78	2.45	2.04	1.55
50	2.84	2.88	2.82	2.66	2.42	2.11	1.73	1.30
60	2.34	2.30	2.19	2.02	1.79	1.52	1.22	0.90
70	1.88	1.80	1.67	1.50	1.30	1.08	0.85	0.61
80	1.50	1.39	1.26	1.10	0.93	0.75	0.58	0.41
90	1.18	1.07	0.94	0.80	0.66	0.52	0.39	0.27
100	0.92	0.81	0.69	0.58	0.46	0.36	0.27	0.18

6. Aspen

6.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5					1.95	2.20	2.36	2.41
10	2.68	3.73	4.58	5.24	5.68	5.90	5.89	5.64
15	4.37	5.63	6.63	7.36	7.80	7.94	7.78	7.31
20	5.28	6.55	7.53	8.20	8.55	8.60	8.32	7.72
25	5.62	6.77	7.62	8.17	8.41	8.35	7.99	7.35
30	5.58	6.55	7.23	7.62	7.74	7.60	7.21	6.57
35	5.30	6.06	6.56	6.82	6.83	6.63	6.23	5.63
40	4.89	5.45	5.79	5.91	5.85	5.61	5.22	4.69
45	4.41	4.79	4.99	5.01	4.89	4.64	4.27	3.82
50	3.91	4.14	4.22	4.17	4.01	3.76	3.44	3.05
60	2.97	2.98	2.91	2.77	2.58	2.36	2.12	1.87
70	2.18	2.07	1.92	1.75	1.57	1.40	1.24	1.08
80	1.57	1.39	1.22	1.05	0.91	0.78	0.68	0.60
90	1.11	0.91	0.74	0.60	0.49	0.40	0.34	0.31
100	0.77	0.58	0.43	0.32	0.23	0.18	0.15	0.14
				I Site Index				
5					1.67	1.83	1.90	1.86
10	2.24	3.12	3.83	4.35	4.67	4.77	4.65	4.29
15	3.59	4.65	5.47	6.03	6.33	6.35	6.08	5.52
20	4.30	5.36	6.15	6.67	6.90	6.83	6.46	5.80
25	4.53	5.50	6.19	6.61	6.75	6.60	6.19	5.50
30	4.44	5.27	5.84	6.14	6.19	5.99	5.55	4.89
35	4.17	4.84	5.26	5.46	5.43	5.20	4.78	4.18
40	3.79	4.30	4.60	4.70	4.62	4.37	3.98	3.46
45	3.37	3.74	3.92	3.95	3.83	3.58	3.23	2.79
50	2.94	3.18	3.28	3.24	3.10	2.87	2.57	2.21
60	2.14	2.20	2.17	2.07	1.93	1.74	1.53	1.31
70	1.48	1.44	1.34	1.23	1.10	0.97	0.84	0.71
80	0.99	0.88	0.77	0.66	0.56	0.47	0.40	0.35
90	0.62	0.50	0.39	0.29	0.23	0.18	0.15	0.13
100	0.37	0.25	0.15	0.08	0.03	0.01	0.00	0.02
				II Site Index				
5				1.31	1.50	1.59	1.58	1.45
10	1.83	2.59	3.18	3.59	3.82	3.84	3.65	3.23
15	2.84	3.74	4.42	4.87	5.07	5.02	4.69	4.09
20	3.35	4.25	4.92	5.33	5.48	5.35	4.95	4.26
25	3.49	4.33	4.92	5.25	5.33	5.15	4.71	4.02
30	3.40	4.13	4.61	4.86	4.87	4.65	4.22	3.56
35	3.17	3.76	4.14	4.30	4.26	4.03	3.61	3.03
40	2.85	3.33	3.60	3.69	3.61	3.37	3.00	2.49
45	2.51	2.87	3.05	3.08	2.98	2.75	2.42	1.99
50	2.16	2.42	2.53	2.51	2.39	2.19	1.91	1.56

6. Aspen

6.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
60	1.52	1.62	1.63	1.56	1.45	1.29	1.10	0.89
70	0.99	1.00	0.95	0.88	0.78	0.67	0.56	0.45
80	0.60	0.55	0.48	0.41	0.34	0.28	0.22	0.18
90	0.32	0.24	0.17	0.12	0.07	0.04	0.03	0.02
100	0.12	0.05						
				III Site Index				
5			1.04	1.26	1.40	1.44	1.37	1.18
10	1.46	2.12	2.63	2.97	3.15	3.12	2.90	2.45
15	2.15	2.93	3.51	3.89	4.05	3.97	3.63	3.03
20	2.48	3.27	3.85	4.20	4.32	4.18	3.79	3.13
25	2.56	3.30	3.82	4.12	4.18	4.00	3.58	2.93
30	2.47	3.13	3.57	3.80	3.81	3.60	3.19	2.58
35	2.29	2.84	3.20	3.36	3.32	3.11	2.73	2.18
40	2.05	2.50	2.78	2.87	2.81	2.60	2.26	1.79
45	1.79	2.15	2.35	2.40	2.32	2.12	1.81	1.42
50	1.53	1.80	1.94	1.95	1.86	1.68	1.42	1.10
60	1.05	1.19	1.23	1.20	1.11	0.98	0.80	0.60
70	0.66	0.71	0.70	0.66	0.58	0.49	0.39	0.28
80	0.36	0.36	0.33	0.28	0.23	0.18	0.13	0.08
90	0.15	0.12	0.08	0.05	0.02			
				IV Site Index				
5		0.79	1.07	1.26	1.36	1.37	1.27	1.04
10	1.16	1.74	2.20	2.51	2.66	2.63	2.40	1.97
15	1.57	2.26	2.80	3.15	3.29	3.22	2.92	2.36
20	1.76	2.47	3.00	3.34	3.45	3.34	2.99	2.40
25	1.79	2.46	2.95	3.24	3.32	3.18	2.81	2.23
30	1.71	2.32	2.75	2.98	3.02	2.85	2.50	1.95
35	1.58	2.11	2.46	2.64	2.64	2.47	2.13	1.65
40	1.41	1.86	2.14	2.27	2.24	2.07	1.77	1.34
45	1.23	1.60	1.82	1.90	1.85	1.69	1.42	1.07
50	1.05	1.35	1.51	1.56	1.50	1.35	1.12	0.82
60	0.72	0.90	0.98	0.98	0.91	0.80	0.64	0.45
70	0.45	0.54	0.57	0.55	0.49	0.41	0.31	0.20
80	0.24	0.28	0.28	0.26	0.21	0.16	0.11	0.05
90	0.10	0.10	0.09	0.06	0.04	0.01		
				V Site Index				
5	0.55	0.87	1.13	1.31	1.41	1.41	1.30	1.07
10	0.96	1.50	1.93	2.23	2.39	2.38	2.19	1.80
15	1.17	1.82	2.32	2.67	2.84	2.81	2.56	2.08
20	1.26	1.92	2.44	2.78	2.92	2.86	2.58	2.08
25	1.25	1.89	2.37	2.68	2.79	2.71	2.42	1.92
30	1.19	1.78	2.21	2.46	2.54	2.44	2.15	1.68
35	1.10	1.62	1.99	2.19	2.24	2.12	1.84	1.42

6. Aspen

6.5 Mortality, m^3/ha*year

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
40	0.99	1.44	1.75	1.91	1.92	1.80	1.54	1.17
45	0.87	1.26	1.50	1.62	1.61	1.49	1.26	0.94
50	0.76	1.08	1.27	1.35	1.33	1.21	1.01	0.73
60	0.55	0.76	0.87	0.90	0.86	0.76	0.61	0.42
70	0.37	0.50	0.56	0.56	0.52	0.44	0.33	0.21
80	0.24	0.31	0.33	0.32	0.28	0.22	0.15	0.08
90	0.14	0.17	0.17	0.15	0.12	0.09	0.04	
100	0.07	0.08	0.07	0.05	0.03			

6. Aspen

6.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5	29.955	29.918	29.881	29.843	29.803	29.763	29.722	29.680
10	13.882	13.859	13.836	13.812	13.787	13.762	13.736	13.709
15	8.562	8.545	8.526	8.508	8.488	8.468	8.448	8.426
20	5.931	5.916	5.901	5.885	5.868	5.851	5.834	5.816
25	4.374	4.361	4.348	4.334	4.319	4.304	4.289	4.273
30	3.355	3.343	3.331	3.319	3.306	3.292	3.279	3.265
35	2.642	2.631	2.621	2.609	2.598	2.586	2.573	2.560
40	2.120	2.111	2.101	2.091	2.080	2.069	2.058	2.046
45	1.726	1.717	1.708	1.699	1.689	1.679	1.669	1.658
50	1.420	1.412	1.404	1.395	1.386	1.377	1.368	1.358
60	0.984	0.977	0.971	0.963	0.956	0.949	0.941	0.933
70	0.697	0.692	0.686	0.680	0.674	0.668	0.661	0.654
80	0.501	0.497	0.492	0.487	0.482	0.477	0.471	0.466
90	0.364	0.360	0.356	0.352	0.348	0.344	0.339	0.335
100	0.266	0.263	0.260	0.257	0.253	0.250	0.246	0.242
110	0.196	0.193	0.191	0.188	0.185	0.182	0.179	0.176
120	0.145	0.142	0.140	0.138	0.136	0.133	0.131	0.129
				I Site Index				
5	29.150	29.091	29.031	28.970	28.907	28.844	28.781	28.716
10	13.646	13.613	13.580	13.546	13.512	13.477	13.441	13.404
15	8.505	8.482	8.458	8.434	8.409	8.383	8.357	8.330
20	5.956	5.938	5.919	5.899	5.879	5.858	5.837	5.816
25	4.443	4.427	4.412	4.395	4.378	4.361	4.343	4.325
30	3.448	3.434	3.421	3.406	3.392	3.376	3.361	3.345
35	2.748	2.736	2.724	2.712	2.699	2.685	2.672	2.657
40	2.233	2.223	2.212	2.201	2.189	2.177	2.165	2.152
45	1.841	1.832	1.822	1.812	1.802	1.791	1.779	1.768
50	1.535	1.527	1.518	1.509	1.499	1.489	1.479	1.469
60	1.094	1.087	1.079	1.072	1.064	1.056	1.047	1.038
70	0.798	0.792	0.786	0.779	0.772	0.766	0.758	0.751
80	0.591	0.586	0.581	0.576	0.570	0.564	0.558	0.552
90	0.443	0.439	0.434	0.430	0.425	0.420	0.415	0.410
100	0.335	0.331	0.327	0.324	0.320	0.316	0.311	0.307
110	0.254	0.251	0.248	0.245	0.242	0.238	0.235	0.231
120	0.194	0.192	0.189	0.187	0.184	0.181	0.178	0.175
				II Site Index				
5	28.963	28.880	28.797	28.712	28.627	28.540	28.453	28.365
10	13.652	13.610	13.566	13.522	13.477	13.432	13.386	13.339
15	8.571	8.542	8.512	8.482	8.451	8.419	8.387	8.354
20	6.047	6.025	6.002	5.978	5.954	5.930	5.905	5.879
25	4.546	4.528	4.509	4.490	4.470	4.450	4.429	4.408
30	3.556	3.541	3.525	3.508	3.492	3.475	3.457	3.439

6. Aspen

6.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
35	2.858	2.845	2.831	2.817	2.802	2.787	2.772	2.756
40	2.342	2.331	2.319	2.306	2.293	2.280	2.267	2.253
45	1.948	1.938	1.927	1.916	1.905	1.893	1.881	1.868
50	1.639	1.630	1.620	1.610	1.600	1.589	1.578	1.567
60	1.190	1.182	1.174	1.166	1.157	1.149	1.139	1.130
70	0.885	0.878	0.872	0.865	0.858	0.850	0.843	0.835
80	0.669	0.664	0.658	0.652	0.646	0.640	0.634	0.627
90	0.512	0.507	0.503	0.498	0.493	0.488	0.482	0.477
100	0.395	0.392	0.388	0.383	0.379	0.375	0.370	0.365
110	0.307	0.304	0.301	0.297	0.294	0.290	0.286	0.282
120	0.240	0.237	0.234	0.231	0.228	0.225	0.222	0.218
				III Site Index				
5	29.409	29.303	29.196	29.088	28.979	28.869	28.758	28.646
10	13.917	13.864	13.810	13.755	13.700	13.644	13.587	13.530
15	8.773	8.737	8.701	8.664	8.627	8.589	8.551	8.512
20	6.215	6.189	6.162	6.134	6.106	6.077	6.048	6.018
25	4.692	4.671	4.650	4.628	4.605	4.582	4.558	4.534
30	3.687	3.669	3.651	3.633	3.614	3.595	3.575	3.555
35	2.977	2.962	2.947	2.931	2.915	2.898	2.881	2.864
40	2.451	2.438	2.425	2.411	2.397	2.383	2.368	2.353
45	2.048	2.037	2.026	2.014	2.001	1.988	1.975	1.962
50	1.732	1.722	1.712	1.701	1.690	1.678	1.667	1.654
60	1.270	1.262	1.254	1.245	1.236	1.227	1.217	1.207
70	0.955	0.948	0.941	0.934	0.927	0.919	0.911	0.903
80	0.730	0.724	0.719	0.713	0.707	0.700	0.693	0.687
90	0.565	0.561	0.556	0.551	0.545	0.540	0.534	0.529
100	0.442	0.438	0.434	0.429	0.425	0.420	0.416	0.411
110	0.347	0.344	0.341	0.337	0.333	0.329	0.325	0.321
120	0.275	0.272	0.269	0.266	0.263	0.260	0.256	0.252
				IV Site Index				
5	30.494	30.364	30.234	30.102	29.970	29.836	29.702	29.566
10	14.443	14.379	14.315	14.250	14.184	14.118	14.051	13.983
15	9.112	9.071	9.029	8.986	8.943	8.899	8.854	8.809
20	6.462	6.431	6.400	6.369	6.337	6.304	6.271	6.237
25	4.883	4.859	4.835	4.810	4.785	4.759	4.733	4.706
30	3.840	3.821	3.801	3.781	3.760	3.739	3.717	3.695
35	3.104	3.088	3.071	3.054	3.036	3.018	3.000	2.981
40	2.558	2.545	2.530	2.516	2.501	2.485	2.469	2.453
45	2.140	2.129	2.116	2.104	2.090	2.077	2.063	2.049
50	1.812	1.801	1.790	1.779	1.768	1.756	1.743	1.731
60	1.331	1.323	1.315	1.306	1.297	1.287	1.277	1.267
70	1.003	0.997	0.990	0.983	0.975	0.967	0.959	0.951
80	0.769	0.764	0.758	0.752	0.746	0.740	0.733	0.726
90	0.597	0.592	0.588	0.583	0.578	0.572	0.567	0.561
100	0.468	0.464	0.460	0.456	0.452	0.447	0.442	0.438

6. Aspen

6.6 Percent of net increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
110	0.369	0.366	0.363	0.359	0.356	0.352	0.348	0.344
120	0.293	0.290	0.287	0.284	0.281	0.278	0.275	0.271
				V Site Index				
5	32.210	32.057	31.903	31.749	31.593	31.436	31.279	31.120
10	15.222	15.149	15.075	15.000	14.924	14.848	14.771	14.693
15	9.583	9.536	9.488	9.440	9.390	9.341	9.291	9.240
20	6.780	6.746	6.711	6.676	6.640	6.604	6.567	6.530
25	5.111	5.085	5.059	5.032	5.004	4.976	4.947	4.918
30	4.010	3.989	3.968	3.946	3.924	3.901	3.877	3.854
35	3.233	3.216	3.198	3.180	3.162	3.142	3.123	3.103
40	2.658	2.644	2.629	2.614	2.598	2.582	2.565	2.548
45	2.218	2.206	2.193	2.180	2.166	2.153	2.138	2.124
50	1.872	1.861	1.851	1.839	1.828	1.815	1.803	1.790
60	1.368	1.360	1.352	1.343	1.334	1.325	1.315	1.305
70	1.025	1.018	1.012	1.005	0.998	0.990	0.983	0.975
80	0.781	0.776	0.771	0.765	0.759	0.753	0.747	0.740
90	0.602	0.598	0.594	0.589	0.585	0.580	0.575	0.569
100	0.469	0.465	0.462	0.458	0.455	0.450	0.446	0.442
110	0.367	0.365	0.362	0.359	0.356	0.352	0.349	0.345
120	0.289	0.287	0.285	0.282	0.280	0.277	0.274	0.271

6. Aspen

6.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5					41.190	41.996	42.685	43.259
10	16.877	17.363	17.789	18.157	18.471	18.734	18.948	19.115
15	10.320	10.543	10.730	10.883	11.005	11.099	11.168	11.212
20	7.084	7.184	7.260	7.315	7.351	7.370	7.374	7.366
25	5.176	5.209	5.225	5.228	5.219	5.200	5.173	5.139
30	3.931	3.924	3.907	3.880	3.847	3.808	3.765	3.719
35	3.064	3.034	2.996	2.953	2.907	2.858	2.808	2.757
40	2.433	2.389	2.340	2.288	2.235	2.182	2.129	2.078
45	1.959	1.906	1.851	1.796	1.740	1.687	1.635	1.585
50	1.594	1.537	1.479	1.423	1.368	1.316	1.266	1.220
60	1.079	1.021	0.965	0.912	0.862	0.816	0.774	0.735
70	0.746	0.692	0.641	0.595	0.553	0.515	0.481	0.450
80	0.523	0.475	0.431	0.393	0.358	0.328	0.301	0.278
90	0.370	0.329	0.293	0.261	0.234	0.210	0.190	0.173
100	0.263	0.229	0.200	0.174	0.153	0.135	0.120	0.108
				I Site Index				
5					40.836	41.555	42.158	42.644
10	16.922	17.367	17.752	18.081	18.356	18.579	18.755	18.884
15	10.376	10.574	10.736	10.865	10.964	11.035	11.080	11.101
20	7.144	7.226	7.285	7.323	7.343	7.346	7.334	7.310
25	5.235	5.255	5.259	5.249	5.228	5.197	5.159	5.113
30	3.989	3.972	3.944	3.908	3.865	3.817	3.765	3.710
35	3.120	3.080	3.034	2.984	2.929	2.873	2.816	2.758
40	2.486	2.434	2.377	2.319	2.260	2.200	2.142	2.085
45	2.009	1.949	1.887	1.826	1.765	1.706	1.649	1.595
50	1.640	1.577	1.514	1.452	1.392	1.335	1.282	1.231
60	1.119	1.055	0.994	0.937	0.884	0.834	0.788	0.747
70	0.780	0.721	0.666	0.616	0.571	0.530	0.493	0.460
80	0.551	0.499	0.452	0.410	0.373	0.340	0.311	0.286
90	0.393	0.348	0.309	0.275	0.245	0.220	0.198	0.179
100	0.283	0.245	0.212	0.185	0.162	0.143	0.126	0.112
				II Site Index				
5				39.525	40.279	40.913	41.429	41.831
10	16.875	17.281	17.627	17.917	18.153	18.339	18.476	18.567
15	10.379	10.553	10.692	10.797	10.873	10.921	10.944	10.942
20	7.169	7.234	7.277	7.299	7.303	7.291	7.264	7.225
25	5.271	5.278	5.270	5.248	5.216	5.174	5.124	5.068
30	4.030	4.003	3.965	3.920	3.868	3.811	3.751	3.688
35	3.163	3.116	3.062	3.003	2.942	2.878	2.814	2.750
40	2.530	2.470	2.407	2.342	2.277	2.212	2.148	2.086
45	2.052	1.986	1.918	1.851	1.785	1.721	1.660	1.601
50	1.682	1.613	1.544	1.478	1.413	1.352	1.294	1.240

6. Aspen

6.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
60	1.157	1.088	1.023	0.961	0.904	0.851	0.802	0.758
70	0.814	0.750	0.691	0.637	0.589	0.545	0.505	0.470
80	0.580	0.524	0.473	0.428	0.388	0.353	0.322	0.295
90	0.418	0.369	0.326	0.289	0.257	0.230	0.206	0.186
100	0.303	0.262	0.226	0.197	0.172	0.150	0.133	0.118
				III Site Index				
5			38.058	38.850	39.519	40.068	40.499	40.815
10	16.734	17.102	17.410	17.662	17.861	18.009	18.110	18.164
15	10.327	10.478	10.594	10.677	10.730	10.756	10.757	10.734
20	7.157	7.207	7.234	7.241	7.230	7.203	7.162	7.108
25	5.282	5.277	5.257	5.225	5.181	5.128	5.068	5.002
30	4.053	4.017	3.970	3.916	3.856	3.791	3.723	3.652
35	3.194	3.138	3.077	3.011	2.943	2.873	2.803	2.732
40	2.565	2.498	2.429	2.358	2.287	2.216	2.147	2.079
45	2.089	2.016	1.943	1.871	1.800	1.731	1.665	1.602
50	1.720	1.645	1.571	1.499	1.431	1.365	1.303	1.245
60	1.193	1.120	1.050	0.984	0.923	0.866	0.814	0.767
70	0.847	0.778	0.716	0.658	0.606	0.559	0.518	0.480
80	0.610	0.549	0.494	0.446	0.403	0.365	0.332	0.304
90	0.444	0.391	0.344	0.304	0.270	0.240	0.215	0.193
				IV Site Index				
5		36.427	37.260	37.968	38.552	39.017	39.364	39.596
10	16.499	16.829	17.100	17.316	17.478	17.590	17.654	17.671
15	10.218	10.347	10.441	10.502	10.535	10.539	10.519	10.475
20	7.108	7.143	7.156	7.148	7.123	7.082	7.027	6.959
25	5.265	5.250	5.219	5.176	5.122	5.060	4.990	4.913
30	4.057	4.012	3.957	3.895	3.827	3.754	3.678	3.600
35	3.210	3.147	3.079	3.007	2.932	2.856	2.780	2.703
40	2.588	2.516	2.441	2.364	2.288	2.212	2.138	2.065
45	2.117	2.040	1.961	1.884	1.808	1.735	1.665	1.597
50	1.751	1.671	1.593	1.517	1.444	1.374	1.309	1.247
60	1.227	1.148	1.074	1.004	0.940	0.880	0.825	0.775
70	0.879	0.806	0.739	0.678	0.623	0.574	0.529	0.489
80	0.639	0.574	0.516	0.464	0.418	0.378	0.343	0.312
90	0.470	0.413	0.363	0.320	0.283	0.251	0.224	0.201
				V Site Index				
5	34.621	35.501	36.251	36.875	37.376	37.757	38.021	38.170
10	16.165	16.460	16.695	16.875	17.001	17.078	17.106	17.088
15	10.049	10.157	10.231	10.272	10.283	10.268	10.227	10.162
20	7.018	7.039	7.038	7.017	6.979	6.924	6.856	6.775
25	5.220	5.195	5.154	5.102	5.038	4.966	4.886	4.801
30	4.039	3.986	3.924	3.854	3.779	3.699	3.616	3.531
35	3.209	3.141	3.067	2.989	2.908	2.826	2.744	2.662

6. Aspen

6.7 Percent of gross increment

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
40	2.600	2.522	2.442	2.360	2.279	2.198	2.119	2.042
45	2.137	2.054	1.971	1.889	1.809	1.732	1.658	1.587
50	1.776	1.691	1.608	1.528	1.451	1.378	1.309	1.244
60	1.256	1.174	1.095	1.022	0.954	0.891	0.833	0.780
70	0.910	0.833	0.762	0.697	0.639	0.587	0.540	0.497
80	0.669	0.599	0.537	0.482	0.434	0.391	0.353	0.321
90	0.497	0.436	0.383	0.336	0.297	0.262	0.233	0.208
100	0.373	0.320	0.274	0.236	0.204	0.177	0.155	0.136

6. Aspen

6.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
				Ia Site Index				
5					12.743	17.546	24.079	34.182
10	3.658	5.721	8.013	10.611	13.644	17.351	22.234	29.555
15	3.465	5.027	6.751	8.690	10.930	13.641	17.175	22.429
20	2.935	4.100	5.376	6.797	8.427	10.386	12.929	16.700
25	2.423	3.289	4.226	5.262	6.440	7.849	9.675	12.389
30	1.986	2.627	3.313	4.063	4.910	5.920	7.231	9.188
35	1.626	2.098	2.596	3.135	3.742	4.463	5.403	6.818
40	1.331	1.676	2.035	2.419	2.850	3.363	4.036	5.060
45	1.091	1.340	1.595	1.866	2.169	2.532	3.012	3.756
50	0.895	1.071	1.250	1.438	1.648	1.903	2.245	2.785
60	0.604	0.685	0.765	0.849	0.944	1.065	1.237	1.521
70	0.409	0.437	0.465	0.494	0.531	0.584	0.667	0.818
80	0.276	0.277	0.278	0.281	0.290	0.309	0.347	0.426
90	0.187	0.174	0.163	0.154	0.150	0.153	0.169	0.209
100	0.126	0.108	0.092	0.079	0.070	0.066	0.071	0.092
				I Site Index				
5					13.608	18.229	24.105	32.439
10	3.933	6.171	8.618	11.327	14.389	17.964	22.389	28.487
15	3.695	5.380	7.212	9.226	11.481	14.089	17.283	21.647
20	3.095	4.349	5.701	7.174	8.807	10.681	12.963	16.071
25	2.522	3.452	4.444	5.512	6.686	8.024	9.646	11.858
30	2.036	2.725	3.448	4.218	5.057	6.006	7.156	8.731
35	1.638	2.145	2.670	3.221	3.816	4.486	5.298	6.420
40	1.317	1.687	2.064	2.454	2.872	3.342	3.914	4.713
45	1.057	1.324	1.591	1.865	2.155	2.482	2.883	3.451
50	0.847	1.037	1.223	1.412	1.610	1.834	2.114	2.518
60	0.542	0.630	0.713	0.794	0.880	0.980	1.112	1.316
70	0.342	0.375	0.402	0.429	0.459	0.498	0.556	0.657
80	0.212	0.215	0.215	0.215	0.219	0.229	0.251	0.300
90	0.128	0.115	0.103	0.092	0.084	0.081	0.087	0.110
100	0.073	0.055	0.037	0.023	0.011	0.004	0.003	0.013
				II Site Index				
5				11.956	16.126	20.795	26.181	32.760
10	4.284	6.804	9.520	12.460	15.661	19.191	23.181	27.936
15	3.879	5.745	7.748	9.901	12.226	14.763	17.600	20.944
20	3.189	4.568	6.035	7.596	9.263	11.064	13.059	15.394
25	2.560	3.582	4.653	5.779	6.967	8.237	9.631	11.257
30	2.040	2.795	3.576	4.384	5.226	6.116	7.085	8.214
35	1.620	2.177	2.742	3.318	3.910	4.530	5.201	5.981
40	1.283	1.691	2.098	2.505	2.917	3.344	3.805	4.343
45	1.013	1.310	1.599	1.883	2.166	2.457	2.770	3.139
50	0.798	1.010	1.212	1.407	1.598	1.793	2.002	2.253

6. Aspen

6.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
60	0.487	0.588	0.679	0.763	0.842	0.922	1.010	1.122
70	0.287	0.328	0.359	0.386	0.410	0.436	0.467	0.513
80	0.160	0.167	0.169	0.168	0.167	0.168	0.173	0.189
90	0.080	0.070	0.058	0.045	0.034	0.025	0.020	0.022
				III Site Index				
5			11.552	16.214	21.127	26.236	31.385	36.145
10	4.721	7.699	10.885	14.267	17.821	21.489	25.144	28.479
15	4.001	6.148	8.434	10.847	13.360	15.925	18.447	20.704
20	3.193	4.761	6.414	8.139	9.913	11.699	13.426	14.935
25	2.517	3.671	4.872	6.107	7.358	8.598	9.774	10.773
30	1.977	2.831	3.704	4.587	5.467	6.323	7.119	7.771
35	1.551	2.182	2.816	3.446	4.061	4.648	5.180	5.599
40	1.214	1.680	2.138	2.584	3.010	3.408	3.759	4.021
45	0.948	1.290	1.618	1.930	2.221	2.487	2.713	2.871
50	0.736	0.985	1.217	1.432	1.628	1.800	1.942	2.030
60	0.435	0.560	0.669	0.763	0.842	0.906	0.952	0.966
70	0.244	0.299	0.341	0.373	0.396	0.410	0.413	0.400
80	0.123	0.139	0.147	0.149	0.145	0.138	0.125	0.105
90	0.048	0.044	0.035	0.023	0.009			
				IV Site Index				
5		11.652	17.816	24.269	30.865	37.276	42.790	45.761
10	5.370	9.141	13.187	17.449	21.812	26.045	29.679	31.674
15	4.124	6.737	9.531	12.457	15.425	18.270	20.665	21.908
20	3.146	5.021	7.005	9.057	11.111	13.044	14.627	15.370
25	2.416	3.787	5.217	6.675	8.108	9.428	10.470	10.888
30	1.866	2.880	3.920	4.961	5.964	6.864	7.544	7.756
35	1.447	2.202	2.961	3.705	4.405	5.016	5.452	5.535
40	1.124	1.686	2.240	2.771	3.258	3.668	3.940	3.944
45	0.872	1.291	1.694	2.070	2.405	2.676	2.837	2.796
50	0.674	0.985	1.276	1.540	1.767	1.941	2.029	1.964
60	0.395	0.562	0.707	0.830	0.926	0.987	0.996	0.917
70	0.220	0.303	0.368	0.417	0.447	0.457	0.436	0.364
80	0.109	0.144	0.166	0.177	0.177	0.165	0.135	0.077
90	0.041	0.049	0.048	0.041	0.028	0.008		
				V Site Index				
5	11.606	20.896	30.932	41.528	52.257	62.235	69.686	71.058
10	6.838	12.163	17.994	24.202	30.511	36.385	40.781	41.680
15	4.599	8.110	11.943	15.999	20.085	23.836	26.571	26.992
20	3.294	5.755	8.416	11.196	13.957	16.440	18.176	18.292
25	2.445	4.230	6.131	8.088	9.995	11.667	12.775	12.712
30	1.856	3.176	4.560	5.958	7.291	8.426	9.127	8.966
35	1.429	2.419	3.436	4.443	5.381	6.152	6.586	6.377
40	1.111	1.858	2.611	3.340	4.000	4.520	4.778	4.553

6. Aspen

6.8 Percent of mortality

AGE	STOCKING							
	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
45	0.868	1.436	1.994	2.521	2.984	3.332	3.474	3.251
50	0.681	1.112	1.526	1.906	2.228	2.455	2.522	2.311
60	0.419	0.667	0.890	1.083	1.232	1.317	1.305	1.131
70	0.255	0.393	0.509	0.599	0.659	0.678	0.638	0.503
80	0.150	0.222	0.276	0.312	0.327	0.317	0.271	0.170
90	0.082	0.116	0.135	0.142	0.136	0.115	0.073	