



Foothills Growth and Yield Association Regenerated Lodgepole Pine Project

Effects of Site, Competition, and Density Management on Early Crop Performance and Stand Growth and Yield of Lodgepole Pine

Establishment Report



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April 2003

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1. Objectives

The general purpose of the Project is to forecast and monitor the growth and yield of regenerated lodgepole stands in relation to site, early crop performance and stocking, vegetative competition, and density regulation.

The Project has been designed to answer the following questions:

- What are the relationships between early stand conditions (stocking, height growth, density, competition) and subsequent growth and yield?
- How does stand growth and yield respond to different levels of initial spacing and pre-commercial thinning?
- How do these responses and relationships vary across sites of primary interest?

The experimental objectives are to estimate the effects of:

1. Site and establishment factors on early crop performance;
2. Site and establishment factors on subsequent stand growth and yield;
3. Early crop performance and density regulation on subsequent stand growth and yield.

The site factor of prime interest is ecosite, including associated soil and moisture regimes and site index values. Other site factors are also of interest because they are expected to influence early crop performance and subsequent growth and yield. These include:

- local climate as reflected by natural sub-region, ecodistrict, elevation, latitude, and topographic position;
- edaphic factors not necessarily captured by the ecosite classification;
- biotic factors, particularly the occurrence of pathogens.

The establishment factors of primary interest are:

- initial spacing (of planted stock);
- natural ingress and mortality (of lodgepole pine);
- competing vegetation (other species);
- density regulation (pre-commercial thinning).

In addition to the above factors, the following attributes of early crop performance will be monitored from installation until the height of trees exceeds 1.3 m:

- density;
- stocking;
- height;
- root-collar diameter;
- health;
- mortality
- regeneration lag.

Monitoring of the following attributes of subsequent stand growth and yield will continue or commence when the height of trees exceeds 1.3 m:

- density;
- height;
- breast-height diameter;
- crown development;
- tree form;
- site index;
- basal area;
- volume;
- health and defect;
- mortality;
- natural vegetation and surface fuels.

The long-term effects of the identified site and establishment factors on the above attributes will be periodically forecast as results from this and other projects become available.

2. Study Area and Participation

The study field trial is distributed throughout the Lower Foothills, Upper Foothills, and Sub-alpine natural sub-regions of Alberta, with experimental plots located in all the forest management areas of the 9 members of the Foothills Growth and Yield Association (see Figure 1). Appendix 1 contains details of the plots’ geographic locations.

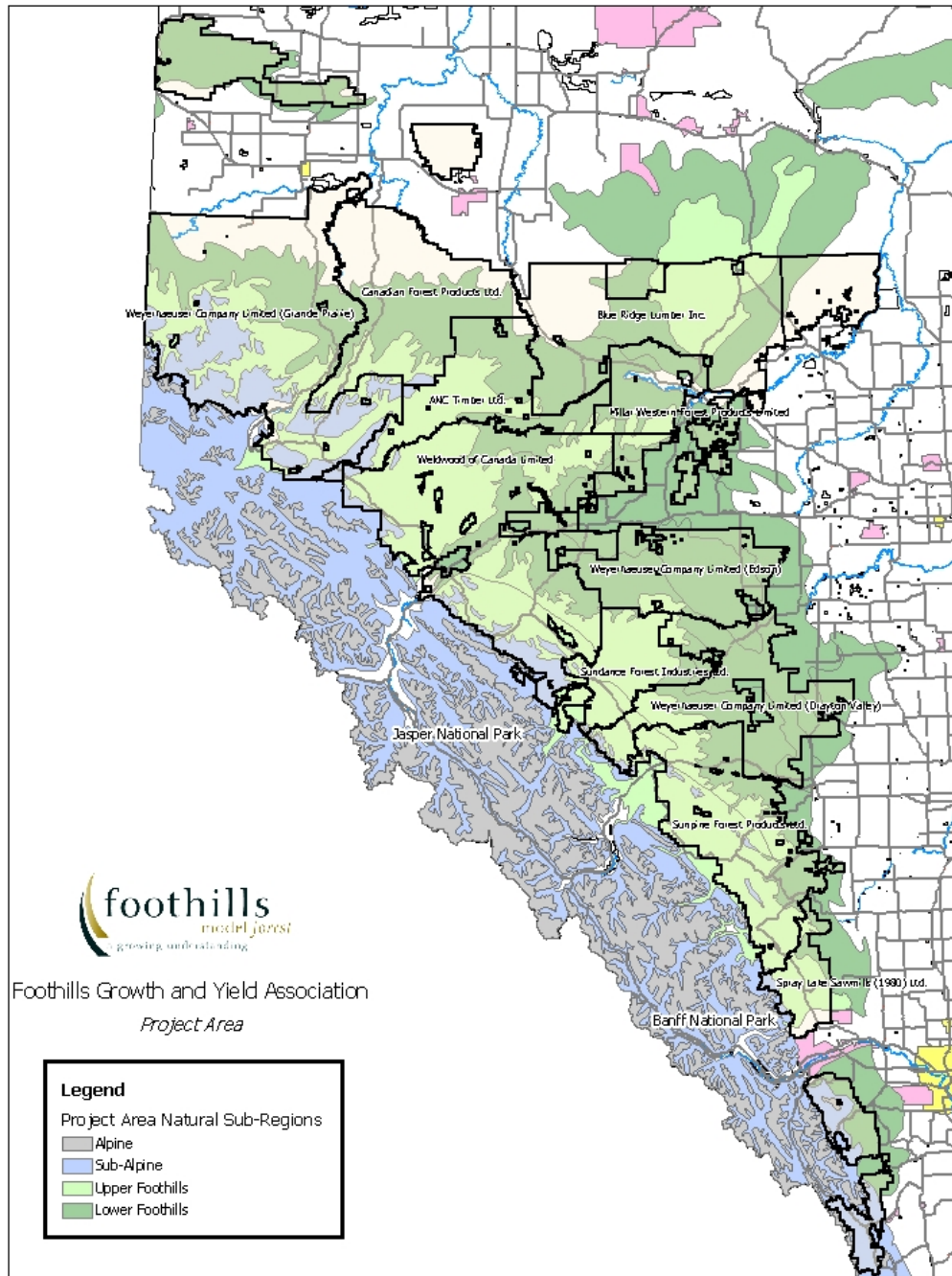
As provided for under a Memorandum of Agreement between the members, the installation, maintenance, treatment and measurement of the field trial has been, and will continue to be, shared among voting members. Costs and effort were allocated in approximate proportion to the net operable pine-leading land area in the members’ tenures at the time of Project commencement. Table 1 shows the theoretical allocations as calculated on this basis. Actual allocation and sponsorship of the experimental installations is shown in Table 7. The inputs of each participating member are managed by a technical representative from the company, and coordinated by the Association’s Field Coordinator.

Table 1. Allocation of effort based on work-sharing formula

Member	% of total
ANC Timber (ANC)	5.2
Blue Ridge Lumber (BRL)	8.8
Canfor (CFP)	5.2
Millar Western (MWFP)	5.5
Spray Lake Sawmills (SLS)	5.6
Sundance (SDA)	6.0
Sunpine (SPI)	14.4
Weldwood (WWC)	22.1
Weyerhaeuser (WEY) ¹	27.3
Total	100.0

¹ Includes Grande Prairie (GP), Drayton Valley (DV), and Edson (ED) areas.

Figure 1. Map of study area



3. Experimental Design

3.1. Site and Treatment Factors

The Project involves a replicated field trial in which ecosite and management treatments are controlled factors.

3.1.1. Ecosite

Table 2 shows the 5 ecosite categories recognized in the study, and references the associated field guides and natural sub-regions.

Table 2. Ecosite categories²

Ecosite (and Edatope)	WC	SW	NSR
1. Bearberry / lichen / h.w. rye (submesic / subxeric, medium – low)	b, c	b	any
2. Labrador tea – mesic (mesic – poor)	d	c	UF LF
3. Billberry / cranberry / sarsaparilla / rhododendron (mesic / medium)	e	d	SA/UF LF
4. Honeysuckle / fern (subhygric – rich)	f	e	UF LF
5. Labrador tea – hygric (hygric – poor)	h	f	any

3.1.2. Management Treatments

Controlled management treatments involve initial spacing of planting stock (6 levels including no planting), and 4 vegetation management treatments (see Table 3).

Table 3. Management treatments

Treatment	N	Explanation
Initial spacing (planting density)	6	control (no planting); plant: 816, 1111, 1600, 2500, 4444 trees per ha
Vegetation management	4	none, weed, pre-commercially thin, weed and pre-commercially thin

Table 4 indicates the spacing distances and numbers of trees per treatment plot (0.25 ha) and measurement plot (0.1 ha)³ associated with the 6 planting densities.

² WC = *Field guide to ecosites of west-central Alberta*, J.D. Beckinham, I.G.W. Corns and J.H. Archibald, Can. For. Serv. Special Report 9, 1996.

SW = *Field guide to ecosites of southwestern Alberta*, J.D. Beckingham, G.D. Klappstein, and I.G.W. Corns, Can. For. Serv.

NSR = natural sub-region

³ See Figure 2.

Table 4. Initial spacing (planting densities)

Trees per ha	Spacing (m)	Trees per plot	
		0.25 ha	0.10 ha
0	-	0	0
816	3.5	204	82
1111	3.0	278	111
1600	2.5	400	160
2500	2.0	625	250
4444	1.5	1111	444

Table 5 further describes the vegetation management treatments. Procedures for determining whether vegetation exceeds competition thresholds, and therefore requires weeding, are described in *Lodgepole Pine Regeneration Project - Field Manual*, Foothills Growth and Yield Association, 2002.

Table 5. Vegetation management treatments

Treatment	Description
None	No treatment after planting
Weed	Remove vegetation competing with planted or crop trees
Pre-commercially thin	Thin trees to target density (if target density exceeded by ingress)
Weed & pre-commercially thin	Remove competing vegetation and thin trees to target density

3.2. Statistical Design

The trial is a three-level split-plot design. The basic balanced design consists of 90 field installations (5 ecosites x 6 spacings x 3 replications), with each installation split into 4 plots (vegetation management treatments). 12 more installations (6 spacings x 2 replications) were added in the modal category 3 ecosite, to produce a total of 102 installations. The three levels are described below and in Table 3 for the basic balanced design.

Level A:

Installations within each of the 5 ecosites are blocked into 3 geographic “groups”, to produce a total of 15 groups. Note that these groups are *blocks* in the statistical sense, but not cut-blocks. Rather, they are geographic groups of cut-blocks having the same ecosite and similar climatic, edaphic, and site preparation characteristics. The intent is to reduce the confounding influence of uncontrolled site and management variables on spacing effects and interactions. These uncontrolled variables will also be measured at each installation and may be included in the analysis of variance (see below) as co-variates.

Level B:

6 installations (one for each spacing treatment) in each of the 15 “groups”.

Level C:

Each installation is split into 4 vegetation management treatment plots.

Each installation is actually a “split-plot”, and will be split two ways (weeding / no weeding and eventually thinning / no thinning) to produce 4 sub-plots (see Figure 1).

Table 4 shows the design in terms of analysis of variance and degrees of freedom.

Table 6. Analysis of variance

Analysis of Variance		Degrees of Freedom
Level A	Ecosite	4
	Error	10
Level B	Spacing	5
	Spacing * ecosite	20
	Error	50
Level C	Vegetation management	3
	Vegetation management * spacing	15
	Vegetation management * ecosite	12
	Vegetation management * spacing * ecosite	60
	Error	180
Total		359

3.3. Site Selection

Initial selection was based on sampling from a list of candidate cut-blocks that were available for planting in 2000 or 2001, were to be managed for lodgepole pine, and fall within one (or more) of the 5 ecosite categories (see Table 1). Sufficient information was required to locate the centroid of the block on the UTM grid, and to identify the most probable ecosite category. Useful additional information included: pre-harvest assessment, area, natural sub-region, ecodistrict, confirmed ecosite(s), edatope, elevation, latitude, aspect, slope percent, slope position, soil classification, pre-harvest ecosite phase, pre-harvest site index, site preparation method and equipment, and proposed planting stock and season.

The preliminary selections were field checked to confirm that each cut-block within a group contained a minimum of 1 square hectare meeting the following conditions common to all other cut-blocks within the group:

1. Same ecosite category and position on edatopic grid.
2. Similar soil texture, drainage, and parent material.
3. Within 100 m elevation.
4. Slope less than 10% or, if 10% or greater, within 5%.
5. Similar slope position: upper, mid, lower.
6. Similar aspect (commonality ensured for N versus S, and wind exposure; aspect preferably within 45 degrees).
7. No evidence of differences in brush hazard.
8. Same method and time (season and calendar year) of site preparation, and preferably (but not necessarily) the same site preparation contractor.
9. Minimum buffer distance of 20 m from the treatment plots to block edges, roads, or other disturbances likely to create edge effects. No burning of slash piles should have occurred, or be scheduled, anywhere within the installation or (blue) protective buffer.

Where candidate locations failed to meet these criteria, access costs were prohibitive for some blocks, and / or some blocks were geographically distant from the rest of the group, alternative blocks were substituted for the candidate ones providing that the substitute blocks met the above criteria. Where large cut blocks were available with homogenous site conditions, more than one installation was allowed in a single cut block.

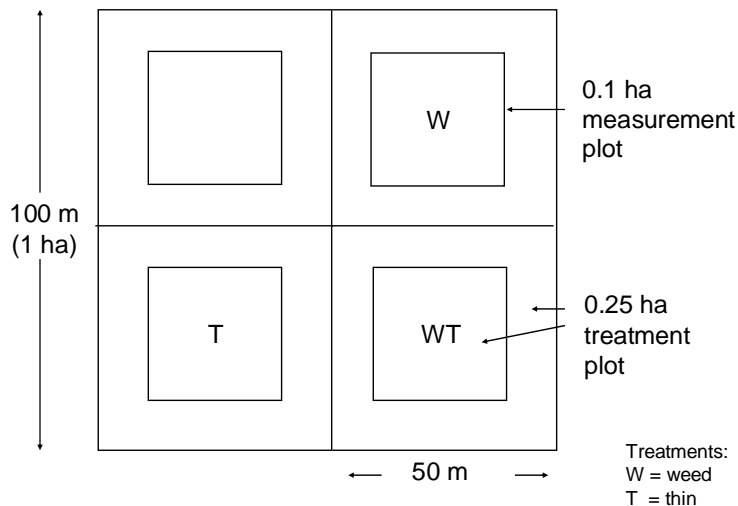
Contiguous or square installations were not always possible due to discontinuities in ecosites or some of the conditions listed above. In such situations the installation was reconfigured so that the 4 treatment plots were in a line, staggered, or separated. Appendix 1 identifies installations where it was necessary to separate treatment plots.

4. Installation and Planting

Details of procedures used for installation, plot layout, demarcation and planting are contained in the Project field manual.⁴ The basic configuration of a standard installation is shown in Figure 2. The 1-ha installation is split into 4 (0.25 ha) treatment plots. A measurement plot (0.1 ha) is located in the centre of each treatment plot. The measurement plot contains 16 circular regeneration sub-plots.

All treatment plots have located by geographic positioning system (GPS). Installations are registered under the Government of Alberta Industrial Sample Plot reservation system.

Figure 2. Layout of a standard installation containing four treatment plots



⁴ *Lodgepole pine regeneration project - field manual, version 1.2.* Foothills Growth and Yield Association, July 2002

Table 7 summarizes the installations by ecosite category, group, spacing treatment (planting density), sponsor, and planting year and season. Installation and planting dates are listed in Appendix 1.

Table 7. Status of trial installations

Ecosite category	Group	Number of installations	Spacing	Sponsor	Year planted	Planting season
1	1	6	all	SLS	2001	summer
	2	6	all	WEYGP	2001	summer
	3	6	all	SPI	2001	spring
2	1	6	all	WWC	2000	summer
	2	6	all	ANC (BRL) ⁵	2001	summer
	3	6	all	WEYGP	2001	summer
3	1	6	all	WEYGP	2001	summer
	2	6	all	SPI	2001	spring
	3	6	all	SDA	2001	summer
	4	6	all	WEYDV	2001	summer
	5	6	all	WEYED	2001	summer
4	1	6	all	WWC	2001	spring
	2	6	all	WWC	2001	summer
	3	6	all	CFP	2001	summer
5	1	6	all	MWFP (BRL) ⁶	2001	summer
	2	6	all	BRL	2002	spring
	3	2	2.5, 3.5	SPI	2001	spring
	3	3	0, 3.0, 1.5	WWC	2002	spring
	3	1	2.0	none ⁷	2002	spring

5. Treatments

5.1. Weeding

Weeding (brushing) was commenced in 2002 on those treatment plots where herb, shrub, and / or deciduous tree competition exceeded designated thresholds. The selected primary treatment method was backpack (ground) fall foliar spraying with glyphosate.

The decision to apply herbicide was made on a plot-by-plot basis for treatment plots 2 and 3 in each installation, and was based on the competition index (CI) and density of deciduous tree stems, as measured on 16 regeneration plots within each plot.

The following index was used for herbs and shrubs, based on the work of Comeau⁸:

$$CI = ((\%C_1 \times H_1) + (\%C_2 \times H_2) + (\%C_3 \times H_3) + (\%C_4 \times H_4) + (\%C_5 \times H_5)) / CTH$$

⁵ Located in ANC area, 5 installations sponsored by ANC, 1 by BRL

⁶ Located in MWFP area, 5 installations sponsored by MWFP, 1 by BRL

⁷ Located in WWC area

⁸ Comeau, P. 1993. *Competition indices in decision-making*. Proceedings: NIVMA AGM.

where:

CI = competition index for a single crop tree;

%C_n = percent cover for the nth competitor species within a specified radius of the crop tree (1 m for herbs and shrubs and 2 m for deciduous trees);

H_n = modal height of the nth competitor species in cm;

CTH = height of the crop tree in cm.

Based on provisional expert opinion, validated by experimental data provided by Weldwood of Canada, the following CI values were used as a guide to determine the need for herbicide application to a treatment plot:

shrub and herbs: 60

deciduous trees: 100 (or > 400 stems per ha exceeding 30 cm height)

Details of the treatment procedures are contained in the herbicide proposal submitted to Alberta Sustainable Resource Development (ASRD).⁹

A total of 20.25 ha (81 treatment plots) were treated in 2002. Details of the treatments are contained in the annual herbicide report submitted to ASRD, November 29, 2002, and in the Project database (see Section 6 below). Requirements for future herbicide treatment will be reviewed on an ongoing basis until plantation establishment is complete.

5.2. Fill-in Planting

Treatment plots where more than 10% of the planted trees have died will be fill-in planted in 2003. The latest 2002 measurement data indicate that 18 treatment plots (approximately 5% of the total area planted) have reached or exceeded the threshold.

5.3. Pre-commercial Thinning

Pre-commercial thinning will not be undertaken until the coniferous trees are well-established, and then only if natural ingress results in the targeted planting densities being exceeded. Thinning is not scheduled for the first 5 years of the Project.

6. Measurements and Data

Table 8 identifies scheduled measurements for the first 5 years of the trial. Ten categories of measurement are recognized, and described in detail in the Project field manual. Note that timing of measurements is expressed in growing seasons completed after planting. Measurements are normally made at the end of the growing season, following terminal bud set, with the exception of growing season 0, which refers to the time of planting.

All measurements to date have been conducted as scheduled. The Association's Field Coordinator conducted audits and inspections of field measurements. A series of referential and logical checks were conducted on the data as submitted to the Association. Details of the quality control process, data checks, data deficiencies, and remedial requests (effective March 14, 2003)

⁹ Foothills Growth and Yield Association, Regenerated Lodgepole Pine Project, Herbicide Proposal, July 2002, prepared by W.R. Dempster.

are contained in the Project *Installation and Measurement Verification Report for the 2002 Field Season* (Foothills Growth and Yield Association, 2003).

Table 8. Scheduled measurements

Measurement Category	Growing Season					
	0	1	2	3	4	5
Planting density	x					
Coniferous density		x		x		x
Coniferous stocking		x		x		
Competition – shrubs and herbs	x	x	x	x		x
Competition – deciduous trees	x	x	x	x		x
Size and growth	x	x		x		x
Vigor	x	x	x	x	x	x
Health	x	x		x		x
Age						x
Photographs	x	x	x	x	x	x

Installation, treatment, and measurement data are loaded into a relational database designed specifically for the Project. The latest version of the loaded database was distributed to Association members in March 2003.¹⁰ The database package contains:

- the core (back-end) database containing all tabular data;
- a linked zip archive of plot photographs;
- a user database (front-end), linked to all tables and intended for users wishing to create queries or reports;
- verification reports consisting of the latest quality-control queries run on the database.

The master database is retained by the Foothills Model Forest on behalf of the Association.

7. Yield Forecasts

The Regenerated Lodgepole Pine Project was established because a great deal of uncertainty surrounds the growth and yield of lodgepole pine regenerated after harvesting. Notwithstanding this, and consistent with the Foothill Growth and Yield Association’s *Memorandum of Agreement* among members (April 2000) and *Business Plan* (April, 2002), the Association is committed to estimating the best currently available forecasts of growth and yield for its ongoing field trials. The following is a summary of initial attempts at the time of Project establishment to forecast yields for lodgepole pine planted on the 5 experimental ecosite categories. Continual improvement and refinement of forecasts will be possible as data from this trial and related studies becomes available, and available predictive models are enhanced.

7.1. Forecasting Tools

The following models were used to generate long-term growth and yield forecasts based on pre-harvest site indices and target or actual densities of planted trees:

¹⁰ Personal communication from C. Weik, FGYA Data Manager, Foothills Model Forest, to FGYA Technical Committee representatives, March 27, 2003.

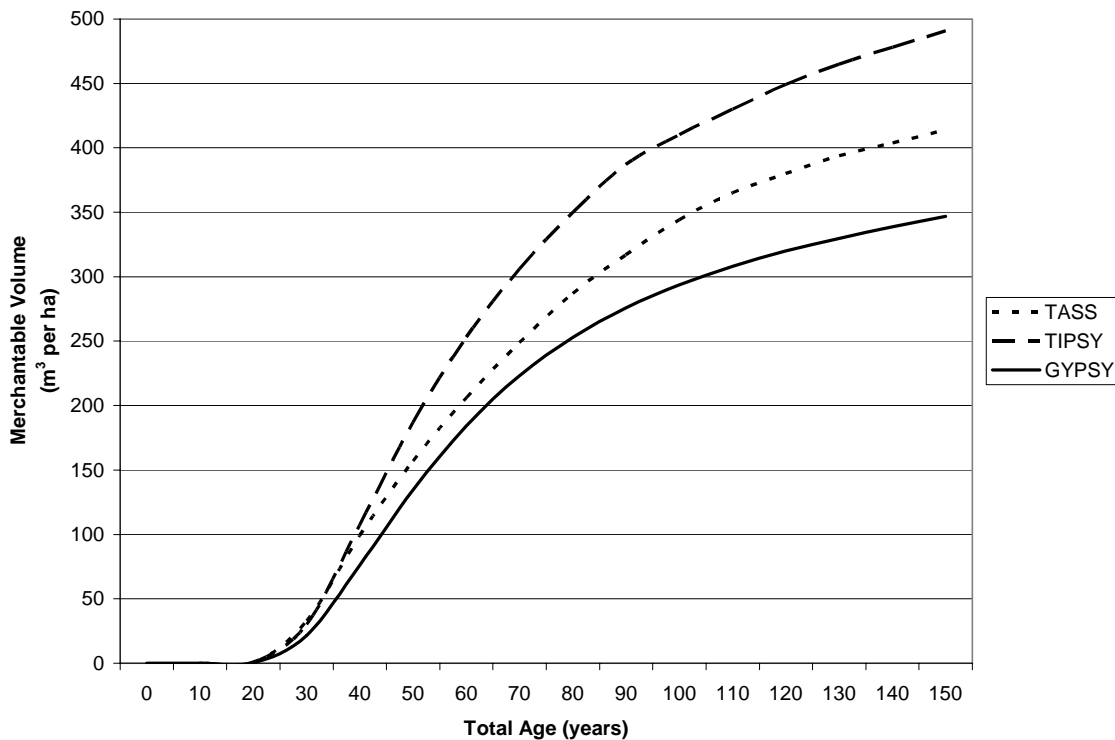
- GYPSY (*Growth and Yield Projection System*, Alberta Sustainable Resource Development)
- TASS (*Tree and Stand Simulator*, B.C. Ministry of Forests)
- TIPSYS (*Table Interpolation Program for Stand Yields*, B.C. Ministry of Forests and RamSoft Systems)

Where pre-harvest site indices were not available for the actual plot locations, estimates were obtained from equivalent sites in the adjacent fire-origin stands (sampling procedures are described in the Project Field Manual).

TASS is a distance-dependent model requiring the spatial position of each tree in the plot to be recorded. The collection of tree spatial data is not a mandatory requirement of the Project design. The BC Ministry of Forests ran TASS simulations on a sub-set of 12 measurement plots on which such data had been collected.¹¹

The 3 tools produced substantially different yield estimates (see Figure 3). Pending further evaluation and resolution of the differences, forecasting for the full range of Project site and density conditions has been restricted to GYPSY, which is the most conservative of the models and is exclusively based on Alberta data and sub-models.

Figure 3. Example of differences between GYPSY, TASS and TIPSYS forecasts¹²



¹¹ Detailed results will not be presented here, but further information may be obtained by contacting the Director of the Foothills Growth and Yield Association.

¹² Ecosite category 3, group 2, target density 2250 stems per ha, S.I. 17.06 m @ 50 years BH age.

7.2. Results and Observations

GYPsy simulations are reported in Appendix 2 for all combinations of the 5 ecosite categories and 5 planting densities. Detailed explanation of the output variables is available in published GYPsy documentation.¹³ Merchantable volumes are forecast at the 13/7 utilization standard. A provisional version of GYPsy was used (December 11, 2002), enhanced to accommodate prediction based on total (as well as breast-height) age of planting stock. The site index values used are the averages computed for each ecosite category, based on the fire-origin stand present prior to harvesting.¹⁴

As might be expected, the highest merchantable volume productivity is forecast for category 4 ecosites (subhygric – rich, maximum mean annual increment 5.22 m³ per ha per year), and the lowest for category 5 (hygric – poor, maximum mean annual increment 1.69 m³ per ha per year). On all sites, productivity is forecast to increase across the entire range of planting densities.

Uncertainties associated with these forecasts, and with currently available predictive models for lodgepole pine, may be summarized as follows.

1. Model differences. Without further resolution, the observed difference between the predictions of currently available models represent a significant uncertainty. An improved understanding of the reasons for the differences will be sought by ongoing dialogue with developers of the models.
2. Mortality and ingress. None of the currently available models adequately address ingress, early mortality, and irregular mortality. As data become available from the Project on early mortality, results will be compared with those from other trials and studies.¹⁵ Similarly, data accumulating on natural ingress will be compared with results and forecasts developed elsewhere.
3. Intra-specific competition. No models reviewed to date are able to quantitatively forecast survival and growth in response to brush control. Data being collected from the Project will, in conjunction with other sources, provide the basis for quantifying site and treatment effects on brush competition, and for forecasting seedling survival and growth in response to the resulting levels of competition.
4. Site index and climate change. Evidence is accumulating that pre-harvest site index does not provide a reliable indication of post-harvest stand development.¹⁶ While the reasons for

¹³ Shongming Huang *et al*, 2001. *GYPsy: a growth and yield projection system for natural and regenerated stands within an ecologically-based, enhanced forest management framework*, Alberta Sustainable Resource Development, Pub. No: T/485.

Anon., 2002. Excel GYPsy user's manual, Alberta Sustainable Resource Development, Pub. No. T/888.

¹⁴ Observations for ecosite category 1, group 2 have been ignored, pending checking of values obtained from adjacent stands, which may not represent the planted sites.

¹⁵ E.g.: Ives, W.G.H, and C.L. Rentz, 1993. Factors affecting the survival of immature lodgepole pine in the foothills of west-central Alberta. Forestry Canada Information Report NOR-X-330.

¹⁶ E.g.:

- Udell, R.W., and W.R. Dempster. 1987. Predicting the growth and yield of regenerated lodgepole pine. Can. For. Industries CPPA Woodlands Section Pap. 107(2).

- Nussbaum, A.F. 1998. Site index adjustments for old-growth stands based on paired plots. Res. Br., B.C. Min. For., Working Pap. 37, Victoria, BC.

- Huang, S. 2001. Growth and yield of natural and regenerated lodgepole pine stands: differences and potential implications. Unpub. Rept. presented at Foothills Growth and Yield Association Annual Meeting, March 15, 2002, Edmonton, Alberta.

observed differences between fire-origin and post-harvest stands are not well understood, the evidence is compelling and the implications are serious. The resulting uncertainty led to the extension of the current project to include a comparison of pre- and post-harvest site index (see Section 8 below). Results from the project extension, together with those from related studies by ASRD and others, are currently being assembled, and will provide an important and credible basis for revision of the current forecasts contained in Appendix 2.

8. Project Extension: Comparison of Pre-harvest and Post-harvest Site Index

8.1. Justification and Purpose

The purpose of the Project extension was to provide forecasts of post-harvest site index, for the 5 ecosite categories of interest to members, relative to pre-harvest site index values. This was considered necessary because evidence is accumulating that pre-harvest site index does not provide a reliable indication of post-harvest stand height development.

8.2. Methodology and Results

Fifty cut-blocks throughout members' tenures were identified, in which the regeneration had reached at least five years breast-height age, and portions of the original parent stand were still standing on the same ecosite as the regeneration. Each of the five ecosite categories recognized in the main Project were equally represented to the extent possible.

At each cut-block, three pairs of temporary plots were located, each with one plot in the regenerated portion and one in the original fire-origin portion of the stand. Each pair was placed in such a way that both plots occurred in the same soil moisture and nutrient regimes. The plots were circular, radius 9.77 m, with an area of 300m². In the pre-harvest parent stands, the total height and breast-height age of each of the three largest-DBH valid lodgepole pine trees on the plot were measured. In addition, stand density and other basic mensurational variables were measured and compiled. The same plot size, measurements, and tree selection criteria were applied to the immature stands regenerated after harvesting, in addition to which the last five annual internode lengths were recorded. The data collected, together with models developed by the Alberta government, permitted computation of site index values for both the regenerated and the fire-origin plot in each pair.

Data for 300 plots (i.e. 150 plot pairs located in 50 stands) were collected in the 2002 field season. The FGYA Field Coordinator audited the fieldwork. Data collection was conducted under contract to the Foothills Model Forest, which administered the contract on behalf of the Association. All fieldwork was completed by the contractor and verified by the Field Coordinator prior to data submission. Data were loaded into a database at the Foothills Models Forest, and subjected to a series of checks and edits before final acceptance and analysis.

Preliminary analytical results indicate:

- Site index is on average 24% higher in regenerated versus mature stands;
- Differences are greatest on poor soil nutrient regimes, and insignificant on rich sites;

- The regeneration sampled was from 5 to 29 years BH age, and showed no indication of a decline in site index with age. (Further analyses will be undertaken to confirm this observation.)

In addition to the above contemporaneous paired-plot comparison, permanent sample plot (PSP) data with pre- and post harvest measurements allowed evaluation of changes in site index and stand height development using true time-series information. These data were available only for a limited range of sites on 2 forest management areas, but nevertheless provided an important means for verifying the paired-plot results. Preliminary analyses of the PSP data showed even greater average differences between site indices measured pre- and post-harvest, and again showed no indication of site index declining as the regeneration ages.

Details of the analysis and results will be reported under separate cover.¹⁷

¹⁷ Foothills Growth and Yield Association, *Comparison of pre-harvest and post-harvest site index – technical report*, in prep.

Appendix 1. Installation Dates and Locations

Alberta Newsprint Company

Inst #221:	Installed:	May 1 – June 30, 2001
	Planted:	Control – No Planting
	Split (non-typical) installation?	Yes.
	Legal Description:	NE ¼ 2 & SE ¼ 13-58-19-W5, SW ¼ 18-58-19-W5M
	ANC Block#	8121008 & 8121019
	ISP Reservation #:	010164 & 010163
Inst #222:	Installed:	May 1 – June 30, 2001
	Planted:	July 11-13, 2001
	Split (non-typical) installation?	Yes.
	Legal Description:	SW ¼ 18-58-18-W5M.
	ANC Block#	8121019
	ISP Reservation #:	010163
Inst #223:	Installed:	May 1 – June 30, 2001
	Planted:	July 11-13, 2001
	Split (non-typical) installation?	Yes.
	Legal Description:	NE ¼ 2 & NW ¼ 1-18-58-19-W5M.
	ANC Block#	8121008
	ISP Reservation #:	010164
Inst #224:	Installed:	May 1 – June 30, 2001
	Planted:	July 11-13, 2001
	Split (non-typical) installation?	Yes.
	Legal Description:	NE ¼ 11-58-19-W5M.
	ANC Block#	8121022
	ISP Reservation #:	010162
Inst #225:	Installed:	May 1 – June 30, 2001
	Planted:	July 11-13, 2001
	Split (non-typical) installation?	Yes.
	Legal Description:	SW ¼ 18-58-18-W5, SE ¼ 13-58-19-W5.
	ANC Block#	8121019
	ISP Reservation #:	010163
Inst #226:	Installed:	May 1 – June 30, 2001
	Planted:	July 11-13, 2001
	Split (non-typical) installation?	Yes.
	Legal Description:	E ½ 11-58-19-W5M.
	ANC Block#	8121022
	ISP Reservation #:	010162

Blue Ridge Lumber (BRL)

Inst #521:	Installed:	May, 2002
	Planted:	Control – No Planting
	Split (non-typical) installation?	No.
	Legal Description:	W ½ 28-66-10-W5M

	BRL Block#	310 #113
	ISP Reservation #:	N/A
Inst #522:	Installed:	May, 2002
	Planted:	June 24, 2002
	Split (non-typical) installation?	No.
	Legal Description:	NW ¼ 28-66-10-W5M
	BRL Block#	310 #113
	ISP Reservation #:	N/A
Inst #523:	Installed:	May, 2002
	Planted:	June 24, 2002
	Split (non-typical) installation?	No.
	Legal Description:	SW ¼ 28-66-10-W5M
	BRL Block#	310 #113
	ISP Reservation #:	N/A
Inst #524:	Installed:	May, 2002
	Planted:	June 24, 2002
	Split (non-typical) installation?	No.
	Legal Description:	SW ¼ 28-66-10-W5M
	BRL Block#	310 #113
	ISP Reservation #:	N/A
Inst #525:	Installed:	May, 2002
	Planted:	June 24, 2002
	Split (non-typical) installation?	No.
	Legal Description:	NE ¼ 28-66-10-W5M.
	BRL Block#	310 #112
	ISP Reservation #:	N/A
Inst #526:	Installed:	May, 2002
	Planted:	June 24, 2002
	Split (non-typical) installation?	No.
	Legal Description:	NW ¼ 28-66-10-W5M
	BRL Block#	310 #113
	ISP Reservation #:	N/A

Canfor – Grande Prairie Division

Inst #431:	Installed:	April 11-20, 2001
	Planted:	Control – No Planting
	Split (non-typical) installation?	No
	Legal Description:	11, 12 13, 14-17-62-26-W5M.
	Canfor Block#	W741727 South
	ISP Reservation #:	ISP 000251
Inst #432:	Installed:	April 11-20, 2001
	Planted:	July 4-8, 2001
	Split (non-typical) installation?	No
	Legal Description:	15 & 16-18-63-25-W5M.
	Canfor Block#	W72135

	ISP Reservation #:	ISP 000251
Inst #433:	Installed:	April 11-20, 2001
	Planted:	July 4-8, 2001
	Split (non-typical) installation?	No
	Legal Description:	13-17-62-26-W5M.
	Canfor Block#	W741727
	ISP Reservation #:	ISP 000248
Inst #434:	Installed:	April 11-20, 2001
	Planted:	July 4-8, 2001
	Split (non-typical) installation?	No
	Legal Description:	6 & 11-19-64-23-W5M.
	Canfor Block#	S14926
	ISP Reservation #:	ISP 000248
Inst #435:	Installed:	April 11-20, 2001
	Planted:	July 4-8, 2001
	Split (non-typical) installation?	Yes
	Legal Description:	1 & 8-22-62-26-W5M.
	Canfor Block#	W742301
	ISP Reservation #:	ISP 000249
Inst #436:	Installed:	April 11-20, 2001
	Planted:	July 4-8, 2001
	Split (non-typical) installation?	No
	Legal Description:	5 & 12-19-64-23-W5M.
	Canfor Block#	S141926
	ISP Reservation #:	ISP 000250

Millar Western

Inst #511:	Installed:	June 15 – July 1, 2001
	Planted:	Control – No Planting
	Split (non-typical) installation?	No.
	Legal Description:	NW 5-59-17-W5M.
	M.W. Block#	8
	ISP Reservation #:	ISP 010343
Inst #512:	Installed:	June 15 – July 1, 2001
	Planted:	July 7-8, 2001
	Split (non-typical) installation?	No.
	Legal Description:	NW 5-59-17-W5M.
	M.W. Block#	8
	ISP Reservation #:	ISP 010346
Inst #513:	Installed:	June 15 – July 1, 2001
	Planted:	July 7-8, 2001
	Split (non-typical) installation?	No.
	Legal Description:	SW 8-59-17-W5M.
	M.W. Block#	8
	ISP Reservation #:	ISP 010348
Inst #514:	Installed:	June 15 – July 1, 2001

	Planted:	July 7-8, 2001
	Split (non-typical) installation?	No.
	Legal Description:	SW 8-59-17-W5M.
	M.W. Block#	8
	ISP Reservation #:	ISP 010347
Inst #515:	Installed:	June 15 – July 1, 2001
	Planted:	July 7-8, 2001
	Split (non-typical) installation?	No.
	Legal Description:	NW 5-59-17-W5M.
	M.W. Block#	8
	ISP Reservation #:	ISP 010345
Inst #516:	Installed:	June 15 – July 1, 2001
	Planted:	July 7-8, 2001
	Split (non-typical) installation?	No.
	Legal Description:	SW 8-59-17-W5M.
	M.W. Block#	8
	ISP Reservation #:	ISP 010344

Spray Lakes Sawmills (SLS)

Inst #111:	Installed:	May 8-13, 2001
	Planted:	Control – No Planting
	Split (non-typical) installation?	No
	Legal Description:	10-25-29-08-W5M
	SLS Block#	5080292576
	ISP Reservation #:	ISP 020148
Inst #112:	Installed:	May 8-13, 2001
	Planted:	May 19-21, 2001
	Split (non-typical) installation?	No
	Legal Description:	13 & 14-25-29-08-W5M.
	SLS Block#	5080292538
	ISP Reservation #:	ISP 020150
Inst #113:	Installed:	May 8-13, 2001
	Planted:	May 19-21, 2001
	Split (non-typical) installation?	No
	Legal Description:	5 & 6-25-29-08-W5M.
	SLS Block#	5080292523
	ISP Reservation #:	ISP 020147
Inst #114:	Installed:	May 8-13, 2001
	Planted:	May 19-21, 2001
	Split (non-typical) installation?	No
	Legal Description:	12 & 13-25-29-W5M.
	SLS Block#	5080292506
	ISP Reservation #:	ISP 020149
Inst #115:	Installed:	May 8-13, 2001
	Planted:	May 19-21, 2001
	Split (non-typical) installation?	No

	Legal Description:	5-25-29-08-W5M.
	SLS Block#	5080292523
	ISP Reservation #:	ISP 020147
Inst #116:	Installed:	May 8-13, 2001
	Planted:	May 19-21, 2001
	Split (non-typical) installation?	No
	Legal Description:	4 & 5-30-29-07-W5M. 1 & 8-25-29-08-W5M.
	SLS Block#	5080293012
	ISP Reservation #:	ISP 020146

Sundance Forest Industries

Inst #331:	Installed:	May 4 – June 15, 2001
	Planted:	Control – No Planting
	Split (non-typical) installation?	No
	Legal Description:	6, 11, 12-29-45-17-W5M.
	Sundance Block#	2935
	ISP Reservation #:	ISP 010034
Inst #332:	Installed:	May 4 – June 15, 2001
	Planted:	June 30 – July 1, 2001
	Split (non-typical) installation?	No
	Legal Description:	16-17-45-17-W5M., 1-20-45-15-W5M.
	Sundance Block#	2031
	ISP Reservation #:	ISP 010034
Inst #333:	Installed:	May 4 – June 15, 2001
	Planted:	June 30 – July 1, 2001
	Split (non-typical) installation?	No
	Legal Description:	6, 11, 12-29-45-17-W5M.
	Sundance Block#	2034
	ISP Reservation #:	ISP 010034
Inst #334:	Installed:	May 4 – June 15, 2001
	Planted:	June 30 – July 1, 2001
	Split (non-typical) installation?	No
	Legal Description:	2, 3-20-45-15-W5M.
	Sundance Block#	3083
	ISP Reservation #:	ISP 010030
Inst #335:	Installed:	May 4 – June 15, 2001
	Planted:	June 30 – July 1, 2001
	Split (non-typical) installation?	No
	Legal Description:	6, 11, 12-29-45-W5M.
	Sundance Block#	2090
	ISP Reservation #:	ISP 010031
Inst #336:	Installed:	May 4 – June 15, 2001
	Planted:	June 30 – July 1, 2001
	Split (non-typical) installation?	No

Legal Description: 7, 10, 30-45-15-W5M.
 Sundance Block# 2051
 ISP Reservation #: ISP 010033

Sunpine Forest Products

Inst #131:	Installed: Planted: Split (non-typical) installation? Legal Description: Sunpine Block# ISP Reservation #:	May 16-18, 2001 Control – No Planting No SW ¼ 14-40-12-W5M. 5120401492a PNT 010316
Inst #132:	Installed: Planted: Split (non-typical) installation? Legal Description: Sunpine Block# ISP Reservation #:	May 16-18, 2001 May 26-June 5, 2001 & Aug 4-16, 2001 No SW ¼ 13-40-12-W5M. 5120401323a PNT 010317
Inst #133:	Installed: Planted: Split (non-typical) installation? Legal Description: Sunpine Block# ISP Reservation #:	May 16-18, 2001 May 26-June 5, 2001 & Aug 4-16, 2001 No SE ¼ 13-40-12-W5M. 5110401800a PNT 010319
Inst #134:	Installed: Planted: Split (non-typical) installation? Legal Description: Sunpine Block# ISP Reservation #:	May 16-18, 2001 May 26-June 5, 2001 & Aug 4-16, 2001 No E ½ 13-40-12-W5M. 5110401816a PNT 010315
Inst #135:	Installed: Planted: Split (non-typical) installation? Legal Description: Sunpine Block# ISP Reservation #:	May 16-18, 2001 May 26-June 5, 2001 & Aug 4-16, 2001 No NW ¼ 18-40-11-W5M. 5110401816a PNT 010318
Inst #136:	Installed: Planted: Split (non-typical) installation? Legal Description: Sunpine Block# ISP Reservation #:	May 16-18, 2001 May 26-June 5, 2001 & Aug 4-16, 2001 No SW ¼ 17-40-11-W5M. 5110401741a PNT 010320
Inst #321:	Installed: Planted: Split (non-typical) installation? Legal Description: Sunpine Block#	September 2000-May 2001 Control – No Planting No 12-19-35-7-W5M. 5070351947a

	ISP Reservation #:	ISP 010158
Inst #322:	Installed:	September 2000-May 2001
	Planted:	May 22-27, 2001
	Split (non-typical) installation?	Yes
	Legal Description:	1-30-35-7-W5M. & 16-19-35-7-W5M.
	Sunpine Block#	5070353080a
	ISP Reservation #:	PNT 010321
Inst #323:	Installed:	September 2000-May 2001
	Planted:	May 22-27, 2001
	Split (non-typical) installation?	No
	Legal Description:	3,4,5,6-29-35-7-W5M.
	Sunpine Block#	5070352954a
	ISP Reservation #:	PNT 010322
Inst #324:	Installed:	September 2000-May 2001
	Planted:	May 22-27, 2001
	Split (non-typical) installation?	No
	Legal Description:	5, 6-29-35-7-W5M.
	Sunpine Block#	5070352954a
	ISP Reservation #:	PNT 010322
Inst #325:	Installed:	September 2000-May 2001
	Planted:	May 22-27, 2001
	Split (non-typical) installation?	No
	Legal Description:	6, 11-29-35-7-W5M.
	Sunpine Block#	5070352954a
	ISP Reservation #:	PNT 010322
Inst #326:	Installed:	September 2000-May 2001
	Planted:	May 22-27, 2001
	Split (non-typical) installation?	Yes
	Legal Description:	6, 7-29-35-7-W5M.
	Sunpine Block#	5070352954a
	ISP Reservation #:	PNT 010322
Inst #532:	Installed:	May, 2001
	Planted:	May 22-27, 2001
	Split (non-typical) installation?	No
	Legal Description:	SW ¼ 36-32-8-W5M.
	Sunpine Block#	5080323654a
	ISP Reservation #:	ISP 010160
Inst #534:	Installed:	May, 2001
	Planted:	May 22-27, 2001
	Split (non-typical) installation?	No
	Legal Description:	NW ¼ 25-32-8-W5M.
	Sunpine Block#	5080322548a
	ISP Reservation #:	ISP 010159

Weldwood of Canada – Hinton Division

Inst #211:	Installed:	June 1-20, 2000
	Planted:	Control – No Planting
	Split (non-typical) installation?	No
	Legal Description:	11-13-47-18-W5M.
	Weldwood Block#	3-2-113
	ISP Reservation #:	ISP 000205
Inst #212:	Installed:	June 1-20, 2000
	Planted:	July 28-30, 2000
	Split (non-typical) installation?	No
	Legal Description:	14-12-47-18-W5M.
	Weldwood Block#	3-2-119
	ISP Reservation #:	ISP 000208
Inst #213:	Installed:	June 1-20, 2000
	Planted:	July 28-30, 2000
	Split (non-typical) installation?	No
	Legal Description:	8, 9-11-47-18-W5M.
	Weldwood Block#	3-2-120
	ISP Reservation #:	ISP 000206
Inst #214:	Installed:	June 1-20, 2000
	Planted:	July 28-30, 2000
	Split (non-typical) installation?	No
	Legal Description:	1, 2, 7, 8-32-47-18-W5M.
	Weldwood Block#	3-2-47
	ISP Reservation #:	ISP 000210
Inst #215:	Installed:	June 1-20, 2000
	Planted:	July 28-30, 2000
	Split (non-typical) installation?	No
	Legal Description:	5, 6, 11, 12-12-47-18-W5M.
	Weldwood Block#	3-2-118
	ISP Reservation #:	ISP 000207
Inst #216:	Installed:	June 1-20, 2000
	Planted:	July 28-30, 2000
	Split (non-typical) installation?	No
	Legal Description:	3, 4-33-47-18-W5M.
	Weldwood Block#	3-2-46
	ISP Reservation #:	ISP 000209
Inst #411:	Installed:	May 17-24, 2001
	Planted:	Control – No Planting
	Split (non-typical) installation?	Yes
	Legal Description:	8-21-47-18-W5M., 5-22-47-18-W5M.
	Weldwood Block#	3-2-88
	ISP Reservation #:	Application in process (03/01/25)
Inst #412:	Installed:	May 17-24, 2001
	Planted:	May 24-26, 2001
	Split (non-typical) installation?	No

	Legal Description:	11, 12-34-47-18-W5M.
	Weldwood Block#	3-2-29
	ISP Reservation #:	Application in process (03/01/25)
Inst #413:	Installed:	May 17-24, 2001
	Planted:	May 24-26, 2001
	Split (non-typical) installation?	No
	Legal Description:	13, 14-35-47-18-W5M.
	Weldwood Block#	3-2-34
	ISP Reservation #:	Application in process (03/01/25)
Inst #414:	Installed:	May 17-24, 2001
	Planted:	May 24-26, 2001
	Split (non-typical) installation?	No
	Legal Description:	8, 9-34-47-18-W5M.
	Weldwood Block#	3-2-32
	ISP Reservation #:	Application in process (03/01/25)
Inst #415:	Installed:	May 17-24, 2001
	Planted:	May 24-26, 2001
	Split (non-typical) installation?	No
	Legal Description:	8-21-47-18-W5M, 5-22-47-18-W5M.
	Weldwood Block#	3-2-88
	ISP Reservation #:	Application in process (03/01/25)
Inst #416:	Installed:	May 17-24, 2001
	Planted:	May 24-26, 2001
	Split (non-typical) installation?	No
	Legal Description:	5-35-47-18-W5M.
	Weldwood Block#	3-2-43
	ISP Reservation #:	Application in process (03/01/25)
Inst #421:	Installed:	June 15-July 1, 2001
	Planted:	Control – No Planting
	Split (non-typical) installation?	No
	Legal Description:	5, 6, 11, 12-4-58-25-W5M.
	Weldwood Block#	5-30-94
	ISP Reservation #:	Application in process (03/01/25)
Inst #422:	Installed:	June 15-July 1, 2001
	Planted:	July 17-20, 2001
	Split (non-typical) installation?	No
	Legal Description:	13, 14-9-58-25-W5M.
	Weldwood Block#	5-33-50
	ISP Reservation #:	Application in process (03/01/25)
Inst #423:	Installed:	June 15-July 1, 2001
	Planted:	July 17-20, 2001
	Split (non-typical) installation?	No
	Legal Description:	2, 7-28-57-25-W5M.
	Weldwood Block#	5-30-61
	ISP Reservation #:	Application in process (03/01/25)
Inst #424:	Installed:	June 15-July 1, 2001
	Planted:	July 17-20, 2001

	Split (non-typical) installation?	No
	Legal Description:	5, 6, 11, 12-4-58-25-W5M.
	Weldwood Block#	5-30-94
	ISP Reservation #:	Application in process (03/01/25)
Inst #425:	Installed:	June 15-July 1, 2001
	Planted:	July 17-20, 2001
	Split (non-typical) installation?	Yes
	Legal Description:	2, 7-28-57-25-W5M.
	Weldwood Block#	5-30-61
	ISP Reservation #:	Application in process (03/01/25)
Inst #426:	Installed:	June 15-July 1, 2001
	Planted:	July 17-20, 2001
	Split (non-typical) installation?	Yes
	Legal Description:	5, 6, 11, 12-4-58-25-W5M
	Weldwood Block#	5-30-94
	ISP Reservation #:	Application in process (03/01/25)
Inst #531:	Installed:	May 2002
	Planted:	Control – No Planting Required
	Split (non-typical) installation?	Yes
	Legal Description:	N/A
	Weldwood Block#	3-2-35
	ISP Reservation #:	Application in process (03/01/25)
Inst #533:	Installed:	May 2002
	Planted:	June 16, 2002
	Split (non-typical) installation?	Yes
	Legal Description:	N/A
	Weldwood Block#	3-2-38
	ISP Reservation #:	Application in process (03/01/25)
Inst #535:	Installed:	May 2002
	Planted:	June 16, 2002
	Split (non-typical) installation?	Yes
	Legal Description:	N/A
	Weldwood Block#	3-2-24
	ISP Reservation #:	Application in process (03/01/25)
Inst #536:	Installed:	May 2002
	Planted:	June 16, 2002
	Split (non-typical) installation?	Yes
	Legal Description:	N/A
	Weldwood Block#	3-2-24
	ISP Reservation #:	Application in process (03/01/25)

Weyerhaeuser

Grande Prairie Division:

- Inst #121: Installed: August 20 – October 10, 2000

	Planted:	Control – No Planting
	Split (non-typical) installation?	Yes
	Legal Description:	6, 7, 11-2-63-12-W6M.
	Weyerhaeuser Block#	63-12-6-0254
	ISP Reservation #:	ISP 000244
Inst #122:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	No
	Legal Description:	3, 4, 5-2-63-12-W6M.
	Weyerhaeuser Block#	63-12-6-0211
	ISP Reservation #:	ISP 000244
Inst #123:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	No
	Legal Description:	3, 4-2-63-12-W6M.
	Weyerhaeuser Block#	63-12-6-0211
	ISP Reservation #:	ISP 000244
Inst #124:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	No
	Legal Description:	7-30-62-12-W5M.
	Weyerhaeuser Block#	62-12-6-3069
	ISP Reservation #:	ISP 000245
Inst #125:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	No
	Legal Description:	7, 10-30-62-12-W6M.
	Weyerhaeuser Block#	62-12-6-3069
	ISP Reservation #:	ISP 000245
Inst #126:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	No
	Legal Description:	2, 3-63-12-W6M.
	Weyerhaeuser Block#	62-12-6-0362
	ISP Reservation #:	ISP 000238
Inst #231:	Installed:	August 20 – October 10, 2000
	Planted:	Control – No Planting
	Split (non-typical) installation?	Yes
	Legal Description:	14-26-65-10-W6M.
	Weyerhaeuser Block#	65-10-6-2695
	ISP Reservation #:	ISP 000239
Inst #232:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	Yes
	Legal Description:	7, 10-31-63-8-W6M.
	Weyerhaeuser Block#	63-08-6-0107
	ISP Reservation #:	ISP 000242
Inst #233:	Installed:	August 20 – October 10, 2000

	Planted:	June 15 - July 3, 2001 (Spring stock)
	Split (non-typical) installation?	No
	Legal Description:	8, 9-26-65-10-W6M. & 5, 12-25-65-10-W6M.
	Weyerhaeuser Block#	65-10-6-2562
	ISP Reservation #:	ISP 000240
Inst #234:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001 (Spring stock)
	Split (non-typical) installation?	Yes
	Legal Description:	13 & 14-26-65-10-W6M.
	Weyerhaeuser Block#	65-10-6-2695
	ISP Reservation #:	ISP 000239
Inst #235:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	Yes
	Legal Description:	8, 9, 10, 15-31-63-8-W6M.
	Weyerhaeuser Block#	63-08-6-0108
	ISP Reservation #:	ISP 000242
Inst #236:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	No
	Legal Description:	16-30-63-8-W6M.
	Weyerhaeuser Block#	63-08-6-0108
	ISP Reservation #:	ISP 000241
Inst #311:	Installed:	August 20 – October 10, 2000
	Planted:	Control – No Planting
	Split (non-typical) installation?	No
	Legal Description:	14-7-66-11-W6M.
	Weyerhaeuser Block#	66-1-6-0769
	ISP Reservation #:	ISP 000236
Inst #312:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	No
	Legal Description:	1 & 2-18-66-111-W6M.
	Weyerhaeuser Block#	66-1-6-1893
	ISP Reservation #:	ISP 000243
Inst #313:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	Yes
	Legal Description:	1 & 8-18-66-11-W6M., 4 & 5-17-66-11-W6M.
	Weyerhaeuser Block#	66-1-6-1893
	ISP Reservation #:	ISP 000243
Inst #314:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	No
	Legal Description:	8 & 9-17-66-11-W6M.
	Weyerhaeuser Block#	66-1-6-1784

	ISP Reservation #:	ISP 000235
Inst #315:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	No
	Legal Description:	8 & 9-17-66-11-W6M.
	Weyerhaeuser Block#	66-1-6-1784
	ISP Reservation #:	ISP 000235
Inst #316:	Installed:	August 20 – October 10, 2000
	Planted:	June 15 - July 3, 2001
	Split (non-typical) installation?	Yes
	Legal Description:	2 & 7-18-63-11-W6M.
	Weyerhaeuser Block#	66-1-6-1893
	ISP Reservation #:	ISP 000237

Edson Division:

Inst #351:	Installed:	May 14-26, 2001
	Planted:	Control – No Planting
	Split (non-typical) installation?	Yes
	Legal Description:	1-6-51-9-W5M.
	Weyerhaeuser Block#	5090510501
	ISP Reservation #:	ISP 020009
Inst #352:	Installed:	May 14-26, 2001
	Planted:	June 28-30, 2001
	Split (non-typical) installation?	Yes
	Legal Description:	1-6-51-9-W5M.
	Weyerhaeuser Block#	5090510501
	ISP Reservation #:	ISP 020113
Inst #353:	Installed:	May 14-26, 2001
	Planted:	June 28-30, 2001
	Split (non-typical) installation?	Yes
	Legal Description:	15-31-50-9-W5M.
	Weyerhaeuser Block#	5090510501
	ISP Reservation #:	ISP 020112
Inst #354:	Installed:	May 14-26, 2001
	Planted:	June 28-30, 2001
	Split (non-typical) installation?	Yes
	Legal Description:	1-6-51-9-W5M
	Weyerhaeuser Block#	5090510501
	ISP Reservation #:	ISP 020108
Inst #355:	Installed:	May 14-26, 2001
	Planted:	June 28-30, 2001
	Split (non-typical) installation?	No
	Legal Description:	1-6-51-9-W5M.
	Weyerhaeuser Block#	5090510501
	ISP Reservation #:	ISP 020111
Inst #356:	Installed:	May 14-26, 2001
	Planted:	June 28-30, 2001
	Split (non-typical) installation?	No
	Legal Description:	1-6-51-9-W5M

Weyerhaeuser Block# 5090510501
ISP Reservation #: ISP 020110

Drayton Valley Division:

Inst #341:	Installed:	May 11-18, 2001
	Planted:	Control – No Planting
	Split (non-typical) installation?	No
	Legal Description:	7-11-47-14-W5M.
	Weyerhaeuser Block#	5140471155
	ISP Reservation #:	ISP 020115
Inst #342:	Installed:	May 11-18, 2001
	Planted:	June 2001
	Split (non-typical) installation?	No
	Legal Description:	7-11-47-14-W5M.
	Weyerhaeuser Block#	5140471155
	ISP Reservation #:	ISP 020117
Inst #343:	Installed:	May 11-18, 2001
	Planted:	June 2001
	Split (non-typical) installation?	No
	Legal Description:	1-20-47-14-W5M.
	Weyerhaeuser Block#	5140472062
	ISP Reservation #:	ISP 020116
Inst #344:	Installed:	May 11-18, 2001
	Planted:	June 2001
	Split (non-typical) installation?	No
	Legal Description:	2-21-47-14-W5M.
	Weyerhaeuser Block#	5140472170
	ISP Reservation #:	ISP 020114
Inst #345:	Installed:	May 11-18, 2001
	Planted:	June 2001
	Split (non-typical) installation?	No
	Legal Description:	15-16-47-14-W5M.
	Weyerhaeuser Block#	5140472170
	ISP Reservation #:	ISP 020118
Inst #346:	Installed:	May 11-18, 2001
	Planted:	June 2001
	Split (non-typical) installation?	No
	Legal Description:	2-21-47-14-W5M.
	Weyerhaeuser Block#	5140472170
	ISP Reservation #:	ISP 020119

Appendix 2. GYPSY Simulations¹⁸

¹⁸ Simulations were made using an interim version of *GYPSY* (December 11, 2002), kindly provided by S. Huang, Senior Biometrician, Alberta Sustainable Resource Development. *GYPSY* (copyright 2002) is a proprietary product, and used by permission, of the Land and Forest Service, Alberta Sustainable Resource Development.



Title = Ecosite Category 1 (Submesic), Spacing 3.5 m

User Name = Dick Dempster
Yield Table ID = DD1208730

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial
Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 13.5 m @ 50 yrs bhage

Initial Density = 816 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim
0	*	816	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	3.50	7685.054	7682.828	*	*	*	747	*	*	*	M	*			0	*	0.0	0.00
5	*	816	*	*	0.6	0.6	0.6	*	*	*	*	*	0.0	*	3.50	5.652	5.569	*	*	*	747	*	*	*	M	*			0	*	0.0	0.00
10	2	814	1.9	1.8	1.6	1.8	1.9	0.87	1.7	0.1	0.94	0.60	0.2	109	3.50	1.918	1.871	0.2	0.00	121	747	9	5	V	M	0.0003	0.2	0.02	0	*	0.0	0.00
15	7	811	4.6	4.3	2.8	3.2	3.3	1.27	3.0	0.5	0.85	1.31	1.3	88	3.51	1.087	1.054	0.6	0.01	251	747	22	11	A	M	0.0030	2.5	0.16	0	*	0.0	0.00
20	12	807	6.6	6.3	4.1	4.7	4.8	1.57	3.9	1.2	0.76	2.01	2.8	88	3.52	0.755	0.729	1.1	0.03	398	747	34	16	A	M	0.0094	7.6	0.38	5	12.9	0.2	0.01
25	17	801	8.4	7.9	5.4	6.0	6.3	1.81	4.6	2.0	0.69	2.70	4.4	90	3.53	0.584	0.563	1.5	0.04	552	747	46	22	A	M	0.0192	15.4	0.61	56	13.5	2.8	0.11
30	22	793	9.9	9.3	6.6	7.4	7.6	2.02	5.0	2.8	0.63	3.37	6.1	91	3.55	0.483	0.465	1.9	0.06	708	747	56	27	A	M	0.0318	25.2	0.84	156	14.1	9.9	0.33
35	27	784	11.2	10.6	7.7	8.6	8.9	2.20	5.4	3.7	0.59	4.00	7.7	91	3.57	0.416	0.401	2.3	0.08	860	747	65	31	B	M	0.0468	36.7	1.05	260	14.7	20.4	0.58
40	32	773	12.4	11.7	8.7	9.7	10.1	2.36	5.6	4.4	0.55	4.60	9.4	91	3.60	0.371	0.357	2.7	0.10	1007	747	74	36	B	M	0.0634	49.0	1.23	348	15.3	32.8	0.82
45	37	760	13.5	12.8	9.7	10.7	11.2	2.50	5.8	5.2	0.52	5.18	10.9	91	3.63	0.338	0.325	3.0	0.12	1145	747	81	39	B	M	0.0813	61.8	1.37	417	15.9	46.1	1.02
50	42	747	14.5	13.8	10.6	11.7	12.1	2.63	6.0	5.8	0.50	5.73	12.3	91	3.66	0.313	0.302	3.2	0.13	1274	747	88	43	B	M	0.1002	74.8	1.50	469	16.5	59.7	1.19
55	47	732	15.4	14.7	11.5	12.6	13.0	2.75	6.1	6.4	0.48	6.25	13.7	90	3.70	0.294	0.284	3.5	0.15	1394	747	94	46	B	M	0.1197	87.6	1.59	506	17.1	73.1	1.33
60	52	716	16.3	15.5	12.3	13.4	13.8	2.86	6.2	7.0	0.47	6.75	14.9	90	3.74	0.280	0.270	3.7	0.16	1504	747	99	48	B	M	0.1397	100.0	1.67	532	17.6	86.1	1.43
65	57	701	17.1	16.3	13.0	14.1	14.6	2.96	6.3	7.5	0.45	7.23	16.0	90	3.78	0.268	0.259	3.9	0.18	1605	747	103	51	C	M	0.1600	112.2	1.73	549	18.2	98.7	1.52
70	62	684	17.8	17.0	13.7	14.8	15.3	3.05	6.4	8.0	0.44	7.69	17.1	89	3.82	0.259	0.250	4.0	0.19	1697	747	107	53	C	M	0.1807	123.6	1.77	559	18.7	110.6	1.58
75	67	668	18.5	17.7	14.3	15.4	15.9	3.14	6.5	8.4	0.43	8.14	18.0	88	3.87	0.252	0.243	4.2	0.20	1781	747	110	54	C	M	0.2015	134.6	1.79	564	19.2	121.9	1.63
80	72	651	19.2	18.4	14.9	16.0	16.5	3.23	6.6	8.8	0.42	8.58	18.9	88	3.92	0.246	0.238	4.3	0.21	1858	747	113	56	C	M	0.2224	144.8	1.81	565	19.7	132.5	1.66
85	77	635	19.9	19.0	15.4	16.5	17.0	3.31	6.7	9.2	0.42	9.00	19.7	87	3.97	0.241	0.233	4.4	0.23	1929	747	115	57	C	M	0.2435	154.6	1.82	563	20.2	142.5	1.68
90	82	619	20.5	19.7	15.9	17.0	17.5	3.39	6.8	9.5	0.41	9.41	20.4	87	4.02	0.237	0.230	4.5	0.23	1993	747	117	58	C	M	0.2645	163.8	1.82	558	20.7	151.8	1.69
95	87	604	21.1	20.3	16.4	17.4	18.0	3.46	6.8	9.8	0.41	9.81	21.1	86	4.07	0.233	0.226	4.6	0.24	2052	747	119	59	C	M	0.2857	172.5	1.82	553	21.2	160.8	1.69
100	92	589	21.7	20.8	16.8	17.9	18.4	3.53	6.9	10.1	0.40	10.20	21.7	86	4.12	0.231	0.224	4.7	0.25	2107	747	120	60	C	M	0.3067	180.7	1.81	546	21.7	169.1	1.69
105	97	575	22.2	21.4	17.3	18.3	18.8	3.59	7.0	10.4	0.40	10.59	22.3	85	4.17	0.228	0.222	4.7	0.26	2157	747	122	61	C	M	0.3277	188.5	1.79	538	22.2	176.9	1.69
110	102	561	22.7	21.9	17.6	18.6	19.2	3.66	7.0	10.7	0.39	10.96	22.8	85	4.22	0.227	0.220	4.8	0.27	2204	747	123	61	C	M	0.3487	195.6	1.78	529	22.6	184.1	1.67
115	107	548	23.3	22.4	18.0	19.0	19.5	3.72	7.1	10.9	0.39	11.32	23.3	84	4.27	0.225	0.219	4.8	0.28	2248	747	124	62	C	M	0.3695	202.5	1.76	521	23.0	191.1	1.66
120	112	536	23.8	22.9	18.3	19.3	19.8	3.78	7.2	11.1	0.39	11.68	23.8	83	4.32	0.224	0.218	4.9	0.28	2289	747	124	63	C	M	0.3901	209.1	1.74	513	23.5	197.8	1.65
125	117	524	24.2	23.4	18.7	19.6	20.1	3.84	7.2	11.3	0.39	12.02	24.2	83	4.37	0.223	0.217	4.9	0.29	2328	747	125	63	C	M	0.4106	215.2	1.72	504	23.9	203.9	1.63
130	122	513	24.7	23.8	19.0	19.9	20.4	3.89	7.3	11.5	0.38	12.36	24.6	82	4.42	0.222	0.216	4.9	0.29	2365	747	126	63	C	M	0.4310	221.1	1.70	496	24.3	209.8	1.61
135	127	503	25.2	24.3	19.2	20.2	20.7	3.94	7.3	11.7	0.38	12.69	25.0	82	4.46	0.221	0.216	5.0	0.30	2401	747	126	64	C	M	0.4511	226.9	1.68	488	24.7	215.6	1.60
140	132	493	25.6	24.7	19.5	20.4	20.9	3.99	7.4	11.9	0.38	13.02	25.3	81	4.50	0.221	0.215	5.0	0.31	2434	747	127	64	C	M	0.4710	232.2	1.66	480	25.1	220.9	1.58
145	137	484	26.0	25.1	19.8	20.7	21.1	4.04	7.4	12.1	0.38	13.33	25.7	81	4.55	0.220	0.215	5.0	0.31	2467	747	127	65	C	M	0.4906	237.5	1.64	473	25.5	226.2	1.56
150	142	475	26.4	25.5	20.0	20.9	21.4	4.09	7.5	12.2	0.38	13.64	26.0	81	4.59	0.220	0.215	5.1	0.32	2498	747	128	65	C	M	0.5100	242.3	1.62	465	25.9	231.0	1.54



Title = Ecosite Category 1 (Submesic), Spacing 3.0 m

User Name = Dick Dempster
Yield Table ID = DD1208752

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial
Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 13.5 m @ 50 yrs bhage

Initial Density = 1111 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	1111	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	3.00	6586.317	6584.293	*	*	*	970	*	*	*	M	*				0	*	0.0	0.00
5	*	1110	*	*	0.5	0.6	0.6	*	*	*	*	*	0.0	*	3.00	4.850	4.775	*	*	*	970	*	*	*	M	*				0	*	0.0	0.00
10	2	1107	1.7	1.7	1.6	1.8	1.9	0.84	1.7	0.1	0.93	0.56	0.3	118	3.01	1.647	1.605	0.2	0.00	160	970	11	6	A	M	0.0002	0.2	0.02	0	*	0.0	0.00	
15	7	1101	4.2	4.0	2.8	3.2	3.3	1.21	2.9	0.6	0.83	1.18	1.5	93	3.01	0.935	0.905	0.7	0.01	311	970	26	13	A	M	0.0025	2.7	0.18	0	*	0.0	0.00	
20	12	1092	6.1	5.7	4.1	4.7	4.8	1.48	3.7	1.2	0.74	1.81	3.2	93	3.03	0.651	0.627	1.3	0.03	479	970	41	20	A	M	0.0076	8.3	0.42	2	12.5	0.1	0.00	
25	17	1079	7.7	7.2	5.3	6.0	6.3	1.71	4.3	2.0	0.67	2.42	5.0	94	3.04	0.505	0.485	1.8	0.05	656	970	55	26	A	M	0.0156	16.9	0.68	38	13.3	1.8	0.07	
30	22	1063	9.1	8.6	6.5	7.3	7.6	1.91	4.7	2.9	0.61	3.01	6.9	94	3.07	0.418	0.401	2.3	0.07	833	970	67	32	B	M	0.0262	27.8	0.93	134	13.8	8.0	0.27	
35	27	1044	10.3	9.8	7.6	8.6	8.9	2.08	5.0	3.7	0.57	3.59	8.8	95	3.09	0.362	0.347	2.7	0.09	1004	970	78	37	B	M	0.0387	40.4	1.15	255	14.3	18.5	0.53	
40	32	1022	11.5	10.9	8.6	9.7	10.1	2.23	5.2	4.5	0.53	4.13	10.6	95	3.13	0.323	0.310	3.1	0.11	1167	970	88	42	B	M	0.0528	54.0	1.35	369	14.8	31.8	0.80	
45	37	997	12.5	11.9	9.6	10.7	11.2	2.37	5.4	5.2	0.50	4.66	12.3	94	3.17	0.296	0.284	3.5	0.13	1318	970	97	46	B	M	0.0682	68.0	1.51	463	15.3	46.4	1.03	
50	42	970	13.5	12.8	10.5	11.6	12.1	2.50	5.5	5.8	0.48	5.17	13.8	94	3.21	0.276	0.265	3.8	0.15	1457	970	104	50	C	M	0.0845	82.0	1.64	535	15.9	61.4	1.23	
55	47	942	14.4	13.7	11.4	12.5	13.0	2.62	5.7	6.4	0.46	5.66	15.3	94	3.26	0.260	0.250	4.0	0.17	1583	970	110	53	C	M	0.1017	95.8	1.74	588	16.4	76.3	1.39	
60	52	913	15.2	14.5	12.1	13.3	13.8	2.72	5.8	7.0	0.45	6.13	16.6	93	3.31	0.249	0.239	4.3	0.19	1697	970	115	56	C	M	0.1195	109.1	1.82	624	16.9	90.7	1.51	
65	57	884	16.0	15.3	12.9	14.0	14.6	2.83	5.9	7.5	0.43	6.59	17.8	93	3.36	0.240	0.231	4.4	0.20	1799	970	119	58	C	M	0.1380	122.0	1.88	648	17.4	104.5	1.61	
70	62	855	16.8	16.0	13.5	14.7	15.3	2.92	6.0	8.0	0.42	7.04	18.8	92	3.42	0.232	0.224	4.6	0.21	1891	970	123	60	C	M	0.1568	134.1	1.92	662	17.9	117.5	1.68	
75	67	825	17.5	16.7	14.2	15.3	15.9	3.01	6.1	8.4	0.42	7.48	19.8	91	3.48	0.227	0.219	4.7	0.23	1972	970	126	62	C	M	0.1761	145.3	1.94	666	18.4	129.5	1.73	
80	72	797	18.2	17.4	14.7	15.9	16.5	3.10	6.2	8.8	0.41	7.91	20.7	91	3.54	0.223	0.215	4.8	0.24	2045	970	128	63	C	M	0.1958	156.1	1.95	666	18.9	140.9	1.76	
85	77	769	18.8	18.0	15.3	16.4	17.0	3.18	6.3	9.2	0.40	8.33	21.4	90	3.61	0.219	0.212	4.9	0.25	2111	970	130	64	C	M	0.2158	165.9	1.95	661	19.4	151.3	1.78	
90	82	743	19.5	18.7	15.8	16.9	17.5	3.26	6.4	9.5	0.40	8.75	22.1	89	3.67	0.217	0.210	5.0	0.26	2169	970	131	65	C	M	0.2360	175.3	1.95	653	19.9	161.2	1.79	
95	87	718	20.1	19.3	16.2	17.4	18.0	3.34	6.5	9.9	0.39	9.15	22.8	89	3.73	0.215	0.208	5.1	0.27	2222	970	132	66	C	M	0.2564	184.1	1.94	643	20.4	170.3	1.79	
100	92	694	20.7	19.9	16.7	17.8	18.4	3.41	6.6	10.1	0.39	9.55	23.3	88	3.80	0.213	0.206	5.1	0.27	2270	970	133	66	C	M	0.2769	192.2	1.92	631	20.9	178.8	1.79	
105	97	671	21.3	20.4	17.1	18.2	18.8	3.48	6.7	10.4	0.38	9.94	23.8	87	3.86	0.212	0.206	5.2	0.28	2313	970	134	67	C	M	0.2976	199.7	1.90	618	21.4	186.5	1.78	
110	102	649	21.8	21.0	17.5	18.6	19.2	3.55	6.7	10.7	0.38	10.32	24.3	87	3.93	0.211	0.205	5.2	0.29	2353	970	134	67	C	M	0.3183	206.5	1.88	605	21.8	193.7	1.76	
115	107	629	22.4	21.5	17.8	18.9	19.5	3.62	6.8	10.9	0.38	10.70	24.7	86	3.99	0.211	0.205	5.2	0.29	2390	970	134	67	C	M	0.3390	213.2	1.85	592	22.3	200.6	1.74	
120	112	611	22.9	22.1	18.2	19.2	19.8	3.68	6.9	11.1	0.38	11.07	25.1	85	4.05	0.210	0.204	5.3	0.30	2424	970	135	68	C	M	0.3597	219.8	1.83	579	22.7	207.3	1.73	
125	117	593	23.4	22.6	18.5	19.5	20.1	3.74	7.0	11.4	0.38	11.43	25.5	85	4.11	0.210	0.204	5.3	0.31	2457	970	135	68	C	M	0.3803	225.5	1.80	566	23.2	213.2	1.71	
130	122	577	23.9	23.0	18.8	19.8	20.4	3.80	7.0	11.6	0.37	11.78	25.9	84	4.16	0.210	0.204	5.3	0.31	2487	970	135	68	C	M	0.4008	231.2	1.78	554	23.6	219.0	1.68	
135	127	561	24.4	23.5	19.1	20.1	20.7	3.85	7.1	11.7	0.37	12.12	26.2	84	4.22	0.210	0.204	5.3	0.32	2516	970	135	68	C	M	0.4211	236.2	1.75	541	24.0	224.1	1.66	
140	132	547	24.8	24.0	19.3	20.4	20.9	3.91	7.2	11.9	0.37	12.46	26.5	83	4.28	0.210	0.204	5.3	0.32	2544	970	135	68	C	M	0.4413	241.4	1.72	530	24.4	229.3	1.64	
145	137	534	25.3	24.4	19.6	20.6	21.1	3.96	7.2	12.1	0.37	12.79	26.8	82	4.33	0.210	0.205	5.3	0.33	2571	970	135	68	C	M	0.4614	246.4	1.70	519	24.8	234.3	1.62	
150	142	522	25.7	24.9	19.8	20.8	21.4	4.01	7.3	12.3	0.37	13.11	27.1	82	4.38	0.210	0.205	5.3	0.33	2597	970	135	68	C	M	0.4812	251.2	1.67	509	25.2	239.2	1.59	



Title = Ecosite Category 1 (Submesic), Spacing 2.5 m

User Name = Dick Dempster
Yield Table ID = DD1208754

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial
Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 13.5 m @ 50 yrs bhage

Initial Density = 1600 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	1600	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	2.50	5488.448	5486.637	*	*	*	1315	*	*	*	M	*				0	*	0.0	0.00
5	*	1598	*	*	0.5	0.6	0.6	*	*	*	*	*	0.0	*	2.50	4.047	3.980	*	*	*	1315	*	*	*	M	*				0	*	0.0	0.00
10	2	1592	1.5	1.5	1.6	1.8	1.9	0.82	1.6	0.1	0.92	0.53	0.3	129	2.51	1.376	1.338	0.2	0.00	222	1315	14	8	A	M	0.0002	0.3	0.03	0	*	0.0	0.00	
15	7	1579	3.8	3.6	2.8	3.2	3.3	1.14	2.7	0.6	0.82	1.06	1.7	99	2.52	0.783	0.756	0.9	0.02	402	1315	33	17	A	M	0.0019	3.0	0.20	0	*	0.0	0.00	
20	12	1560	5.5	5.2	4.0	4.6	4.8	1.40	3.4	1.3	0.72	1.60	3.7	98	2.53	0.546	0.525	1.6	0.04	602	1315	52	25	A	M	0.0059	9.3	0.46	0	*	0.0	0.00	
25	17	1533	6.9	6.5	5.2	6.0	6.3	1.61	3.9	2.1	0.65	2.13	5.8	98	2.55	0.425	0.407	2.2	0.06	809	1315	69	33	B	M	0.0123	18.9	0.75	19	13.1	0.9	0.03	
30	22	1499	8.2	7.8	6.4	7.3	7.6	1.79	4.3	2.9	0.59	2.65	8.0	99	2.58	0.353	0.338	2.8	0.08	1014	1315	84	40	B	M	0.0208	31.1	1.04	99	13.5	5.5	0.18	
35	27	1460	9.4	8.9	7.5	8.5	8.9	1.95	4.5	3.7	0.54	3.16	10.2	99	2.62	0.307	0.294	3.3	0.11	1210	1315	97	46	B	M	0.0309	45.2	1.29	228	13.9	15.3	0.44	
40	32	1415	10.5	9.9	8.5	9.6	10.1	2.10	4.7	4.5	0.51	3.65	12.2	99	2.66	0.276	0.264	3.8	0.13	1393	1315	108	52	C	M	0.0426	60.3	1.51	369	14.3	29.0	0.73	
45	37	1366	11.5	10.9	9.5	10.7	11.2	2.23	4.9	5.2	0.48	4.13	14.1	99	2.71	0.254	0.243	4.2	0.16	1559	1315	118	56	C	M	0.0554	75.7	1.68	496	14.8	44.9	1.00	
50	42	1315	12.4	11.7	10.4	11.6	12.1	2.36	5.1	5.8	0.46	4.60	15.8	98	2.76	0.238	0.227	4.5	0.18	1709	1315	126	60	C	M	0.0693	91.2	1.82	599	15.2	61.7	1.23	
55	47	1261	13.2	12.6	11.2	12.5	13.0	2.47	5.2	6.4	0.44	5.05	17.4	97	2.82	0.226	0.216	4.8	0.20	1841	1315	132	64	C	M	0.0842	106.1	1.93	677	15.7	78.4	1.43	
60	52	1208	14.1	13.4	12.0	13.3	13.8	2.58	5.3	7.0	0.43	5.50	18.8	97	2.88	0.217	0.208	5.0	0.21	1957	1315	137	66	C	M	0.0998	120.5	2.01	733	16.2	94.7	1.58	
65	57	1154	14.9	14.2	12.7	14.0	14.6	2.68	5.4	7.5	0.41	5.94	20.0	96	2.94	0.211	0.202	5.2	0.23	2059	1315	141	69	C	M	0.1162	134.0	2.06	769	16.6	110.1	1.69	
70	62	1102	15.6	14.9	13.3	14.7	15.3	2.78	5.6	8.0	0.40	6.37	21.1	95	3.01	0.206	0.197	5.3	0.24	2147	1315	144	70	D	M	0.1332	146.8	2.10	789	17.1	124.5	1.78	
75	67	1051	16.3	15.6	14.0	15.3	15.9	2.87	5.7	8.4	0.40	6.80	22.0	94	3.08	0.202	0.194	5.4	0.26	2223	1315	146	71	D	M	0.1509	158.5	2.11	797	17.6	137.8	1.84	
80	72	1003	17.0	16.3	14.5	15.8	16.5	2.96	5.8	8.8	0.39	7.22	22.9	94	3.16	0.199	0.192	5.5	0.27	2289	1315	148	72	D	M	0.1691	169.6	2.12	796	18.1	150.1	1.88	
85	77	957	17.7	17.0	15.1	16.4	17.0	3.05	5.9	9.2	0.39	7.64	23.6	93	3.23	0.197	0.190	5.6	0.28	2346	1315	149	73	D	M	0.1878	179.7	2.11	788	18.6	161.3	1.90	
90	82	914	18.4	17.6	15.6	16.9	17.5	3.13	6.0	9.5	0.38	8.05	24.2	92	3.31	0.196	0.189	5.7	0.28	2395	1315	149	74	D	M	0.2069	189.1	2.10	776	19.0	171.7	1.91	
95	87	873	19.0	18.2	16.0	17.3	18.0	3.21	6.1	9.8	0.38	8.46	24.8	91	3.38	0.196	0.188	5.7	0.29	2438	1315	149	74	D	M	0.2264	197.6	2.08	759	19.5	181.0	1.91	
100	92	835	19.6	18.9	16.5	17.7	18.4	3.29	6.2	10.1	0.37	8.86	25.3	90	3.46	0.195	0.188	5.7	0.30	2476	1315	149	74	D	M	0.2462	205.6	2.06	741	20.0	189.7	1.90	
105	97	800	20.2	19.5	16.9	18.1	18.8	3.36	6.3	10.4	0.37	9.26	25.7	90	3.54	0.195	0.188	5.7	0.31	2510	1315	149	74	D	M	0.2663	213.0	2.03	722	20.5	197.7	1.88	
110	102	767	20.8	20.0	17.2	18.5	19.2	3.43	6.4	10.7	0.37	9.65	26.1	89	3.61	0.195	0.189	5.7	0.31	2541	1315	149	74	D	M	0.2865	219.7	2.00	702	21.0	204.9	1.86	
115	107	737	21.4	20.6	17.6	18.8	19.5	3.50	6.5	10.9	0.37	10.03	26.5	88	3.68	0.195	0.189	5.7	0.32	2568	1315	148	74	D	M	0.3069	226.2	1.97	683	21.4	211.8	1.84	
120	112	709	21.9	21.1	17.9	19.2	19.8	3.57	6.6	11.2	0.37	10.41	26.8	87	3.76	0.196	0.190	5.7	0.32	2594	1315	148	74	D	M	0.3273	232.1	1.93	664	21.9	218.0	1.82	
125	117	684	22.5	21.7	18.3	19.5	20.1	3.63	6.6	11.4	0.36	10.78	27.1	87	3.82	0.196	0.190	5.7	0.33	2617	1315	147	74	D	M	0.3479	237.9	1.90	646	22.3	224.2	1.79	
130	122	660	23.0	22.2	18.5	19.8	20.4	3.69	6.7	11.6	0.36	11.14	27.4	86	3.89	0.197	0.191	5.7	0.33	2640	1315	147	74	D	M	0.3683	243.1	1.87	628	22.8	229.6	1.77	
135	127	638	23.5	22.7	18.8	20.0	20.7	3.75	6.8	11.8	0.36	11.50	27.7	85	3.96	0.198	0.192	5.7	0.33	2661	1315	146	73	D	M	0.3888	248.0	1.84	611	23.2	234.7	1.74	
140	132	618	24.0	23.2	19.1	20.3	20.9	3.81	6.9	11.9	0.36	11.85	27.9	85	4.02	0.198	0.192	5.7	0.34	2681	1315	145	73	D	M	0.4091	252.8	1.81	595	23.7	239.7	1.71	
145	137	599	24.5	23.6	19.4	20.5	21.1	3.87	7.0	12.1	0.36	12.19	28.1	84	4.09	0.199	0.193	5.7	0.34	2701	1315	145	73	D	M	0.4293	257.2	1.77	579	24.1	244.2	1.68	
150	142	582	24.9	24.1	19.6	20.7	21.4	3.92	7.0	12.3	0.36	12.53	28.4	83	4.15	0.200	0.194	5.7	0.35	2721	1315	144	73	D	M	0.4494	261.5	1.74	565	24.5	248.7	1.66	



Title = Ecosite Category 1 (Submesic), Spacing 2.0 m

User Name = Dick Dempster
Yield Table ID = DD1208756

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 13.5 m @ 50 yrs bhage

Initial Density = 2500 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	2500	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	2.00	4390.894	4389.309	*	*	*	1896	*	*	*	M	*				0	*	0.0	0.00
5	*	2496	*	*	0.5	0.6	0.6	*	*	*	*	*	0.0	*	2.00	3.243	3.184	*	*	*	1896	*	*	*	M	*				0	*	0.0	0.00
10	2	2482	1.4	1.3	1.5	1.8	1.9	0.79	1.6	0.2	0.91	0.49	0.4	145	2.01	1.105	1.072	0.3	0.00	333	1896	19	12	A	M	0.0001	0.3	0.03	0	*	0.0	0.00	
15	7	2453	3.3	3.1	2.7	3.2	3.3	1.07	2.4	0.6	0.79	0.93	2.1	106	2.02	0.630	0.606	1.2	0.02	557	1896	45	23	A	M	0.0014	3.4	0.23	0	*	0.0	0.00	
20	12	2409	4.8	4.5	3.9	4.6	4.8	1.30	3.1	1.3	0.69	1.38	4.4	104	2.04	0.441	0.422	2.0	0.04	803	1896	69	33	B	M	0.0044	10.6	0.53	0	*	0.0	0.00	
25	17	2350	6.2	5.8	5.1	6.0	6.3	1.49	3.5	2.1	0.62	1.84	7.0	104	2.06	0.344	0.329	2.8	0.07	1055	1896	90	43	B	M	0.0092	21.6	0.86	6	12.8	0.3	0.01	
30	22	2277	7.3	6.9	6.2	7.3	7.6	1.66	3.8	2.9	0.56	2.28	9.6	104	2.10	0.288	0.274	3.6	0.10	1300	1896	109	52	C	M	0.0156	35.6	1.19	53	13.2	2.8	0.09	
35	27	2192	8.4	7.9	7.3	8.5	8.9	1.81	4.0	3.7	0.51	2.72	12.2	104	2.14	0.252	0.240	4.2	0.14	1530	1896	125	60	C	M	0.0236	51.6	1.47	167	13.5	10.4	0.30	
40	32	2099	9.4	8.9	8.3	9.6	10.1	1.95	4.2	4.5	0.48	3.15	14.6	104	2.18	0.228	0.216	4.7	0.16	1738	1896	139	66	C	M	0.0327	68.7	1.72	325	13.8	23.3	0.58	
45	37	1999	10.3	9.8	9.3	10.6	11.2	2.08	4.4	5.2	0.45	3.58	16.7	103	2.24	0.211	0.201	5.2	0.19	1923	1896	150	72	D	M	0.0431	86.1	1.91	490	14.2	39.9	0.89	
50	42	1896	11.2	10.6	10.1	11.5	12.1	2.20	4.5	5.8	0.43	4.00	18.7	103	2.30	0.199	0.189	5.6	0.21	2084	1896	158	76	D	M	0.0545	103.2	2.06	639	14.6	58.5	1.17	
55	47	1792	12.0	11.4	10.9	12.4	13.0	2.31	4.7	6.4	0.41	4.42	20.3	102	2.36	0.191	0.181	5.9	0.24	2221	1896	165	79	D	M	0.0668	119.7	2.18	760	15.0	77.8	1.41	
60	52	1691	12.8	12.2	11.7	13.2	13.8	2.42	4.8	6.9	0.40	4.83	21.8	101	2.43	0.185	0.176	6.1	0.25	2337	1896	170	82	D	M	0.0801	135.4	2.26	852	15.4	96.7	1.61	
65	57	1592	13.6	12.9	12.4	13.9	14.6	2.52	4.9	7.5	0.39	5.24	23.1	100	2.51	0.180	0.172	6.3	0.27	2434	1896	173	83	D	M	0.0942	149.9	2.31	914	15.8	114.6	1.76	
70	62	1498	14.3	13.7	13.1	14.6	15.3	2.62	5.0	7.9	0.38	5.65	24.2	99	2.58	0.177	0.169	6.4	0.28	2514	1896	175	85	D	M	0.1091	163.4	2.33	951	16.2	131.2	1.87	
75	67	1409	15.1	14.4	13.7	15.2	15.9	2.71	5.2	8.4	0.38	6.06	25.1	98	2.66	0.175	0.168	6.5	0.30	2579	1896	176	85	D	M	0.1248	175.8	2.34	969	16.7	146.5	1.95	
80	72	1325	15.8	15.1	14.2	15.7	16.5	2.80	5.3	8.8	0.37	6.47	25.9	97	2.75	0.174	0.167	6.5	0.31	2633	1896	176	86	D	M	0.1412	187.1	2.34	971	17.2	160.2	2.00	
85	77	1248	16.5	15.8	14.8	16.3	17.0	2.89	5.4	9.1	0.37	6.88	26.5	96	2.83	0.174	0.166	6.5	0.31	2677	1896	176	86	D	M	0.1582	197.5	2.32	963	17.6	172.8	2.03	
90	82	1177	17.1	16.4	15.2	16.8	17.5	2.98	5.5	9.5	0.36	7.28	27.1	95	2.91	0.174	0.166	6.6	0.32	2713	1896	175	86	D	M	0.1758	207.0	2.30	946	18.1	184.1	2.05	
95	87	1111	17.8	17.1	15.7	17.2	18.0	3.06	5.6	9.8	0.36	7.69	27.6	94	3.00	0.174	0.167	6.5	0.33	2742	1896	174	85	D	M	0.1940	215.5	2.27	924	18.6	194.2	2.04	
100	92	1051	18.4	17.7	16.1	17.6	18.4	3.14	5.7	10.1	0.36	8.08	28.0	93	3.08	0.175	0.168	6.5	0.33	2766	1896	172	85	D	M	0.2126	223.4	2.23	899	19.0	203.5	2.03	
105	97	996	19.0	18.3	16.5	18.0	18.8	3.22	5.9	10.4	0.36	8.48	28.3	92	3.17	0.176	0.169	6.5	0.34	2786	1896	171	84	D	M	0.2316	230.7	2.20	871	19.5	211.8	2.02	
110	102	945	19.6	18.9	16.9	18.4	19.2	3.29	6.0	10.7	0.35	8.87	28.6	92	3.25	0.177	0.170	6.5	0.34	2803	1896	169	84	D	M	0.2509	237.1	2.16	843	20.0	219.2	1.99	
115	107	899	20.2	19.5	17.3	18.7	19.5	3.36	6.1	10.9	0.35	9.26	28.9	91	3.34	0.178	0.171	6.4	0.35	2818	1896	168	83	D	M	0.2705	243.2	2.11	815	20.5	226.0	1.97	
120	112	857	20.8	20.0	17.6	19.1	19.8	3.43	6.2	11.1	0.35	9.64	29.1	90	3.42	0.179	0.172	6.4	0.35	2831	1896	166	83	D	M	0.2903	248.8	2.07	787	20.9	232.3	1.94	
125	117	819	21.4	20.6	17.9	19.4	20.1	3.50	6.3	11.4	0.35	10.01	29.3	89	3.49	0.181	0.174	6.3	0.35	2843	1896	165	82	D	M	0.3103	254.1	2.03	761	21.4	238.2	1.91	
130	122	784	21.9	21.1	18.2	19.6	20.4	3.56	6.4	11.6	0.35	10.38	29.5	88	3.57	0.182	0.175	6.3	0.36	2854	1896	163	81	D	M	0.3303	259.0	1.99	735	21.8	243.5	1.87	
135	127	752	22.4	21.6	18.5	19.9	20.7	3.63	6.5	11.8	0.35	10.75	29.7	88	3.65	0.183	0.176	6.3	0.36	2865	1896	161	81	D	M	0.3504	263.5	1.95	711	22.3	248.4	1.84	
140	132	723	22.9	22.1	18.8	20.2	20.9	3.69	6.5	11.9	0.35	11.11	29.9	87	3.72	0.184	0.178	6.2	0.36	2875	1896	160	80	D	M	0.3705	267.9	1.91	688	22.7	253.1	1.81	
145	137	697	23.4	22.6	19.0	20.4	21.1	3.75	6.6	12.1	0.35	11.46	30.0	86	3.79	0.186	0.179	6.2	0.37	2886	1896	159	80	D	M	0.3906	272.3	1.88	668	23.2	257.8	1.78	
150	142	672	23.9	23.1	19.3	20.6	21.4	3.80	6.7	12.3	0.35	11.80	30.2	85	3.86	0.187	0.181	6.2	0.37	2896	1896	158	79	D	M	0.4106	275.9	1.84	647	23.6	261.7	1.74	



Title = Ecosite Category 1 (Submesic), Spacing 1.5 m

User Name = Dick Dempster
Yield Table ID = DD1208757

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 13.5 m @ 50 yrs bhage

Initial Density = 4444 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	4444	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	1.50	3293.490	3292.147	*	*	*	3036	*	*	*	M	*				0	*	0.0	0.00
5	*	4435	*	*	0.5	0.6	0.6	*	*	*	*	*	0.0	*	1.50	2.438	2.389	*	*	*	3036	*	*	*	M	*				0	*	0.0	0.00
10	2	4398	1.1	1.1	1.5	1.8	1.9	0.76	1.5	0.2	0.89	0.46	0.4	167	1.51	0.833	0.805	0.4	0.01	565	3036	30	20	A	M	0.0001	0.4	0.04	0	*	0.0	0.00	
15	7	4325	2.8	2.6	2.6	3.2	3.3	1.00	2.2	0.7	0.76	0.80	2.7	117	1.52	0.477	0.457	1.6	0.03	864	3036	66	35	B	M	0.0009	4.1	0.27	0	*	0.0	0.00	
20	12	4214	4.1	3.9	3.8	4.6	4.8	1.20	2.7	1.3	0.66	1.16	5.6	113	1.54	0.335	0.319	2.8	0.06	1186	3036	99	49	B	M	0.0030	12.6	0.63	0	*	0.0	0.00	
25	17	4069	5.3	5.0	4.9	6.0	6.3	1.37	3.0	2.1	0.58	1.53	8.9	112	1.57	0.263	0.250	3.9	0.10	1509	3036	129	62	C	M	0.0063	25.6	1.03	0	*	0.0	0.00	
30	22	3893	6.3	5.9	6.0	7.2	7.6	1.52	3.3	2.9	0.52	1.90	12.2	112	1.60	0.222	0.210	4.9	0.14	1815	3036	155	74	D	M	0.0109	42.3	1.41	14	12.9	0.7	0.02	
35	27	3693	7.3	6.9	7.1	8.4	8.9	1.66	3.5	3.7	0.48	2.26	15.4	111	1.65	0.196	0.185	5.7	0.18	2092	3036	176	84	D	M	0.0165	61.1	1.75	78	13.1	4.5	0.13	
40	32	3479	8.2	7.7	8.0	9.5	10.1	1.78	3.6	4.4	0.44	2.63	18.3	110	1.70	0.178	0.168	6.4	0.21	2335	3036	192	91	D	M	0.0233	81.0	2.03	211	13.3	13.7	0.34	
45	37	3257	9.0	8.5	8.9	10.5	11.2	1.90	3.8	5.1	0.42	2.99	20.8	109	1.75	0.167	0.157	6.9	0.25	2542	3036	205	97	D	M	0.0310	101.1	2.25	395	13.6	28.7	0.64	
50	42	3036	9.8	9.3	9.8	11.4	12.1	2.02	3.9	5.7	0.40	3.36	23.1	108	1.81	0.159	0.150	7.4	0.27	2713	3036	214	102	D	M	0.0398	120.7	2.41	596	13.9	48.1	0.96	
55	47	2819	10.6	10.1	10.6	12.3	13.0	2.12	4.0	6.3	0.38	3.73	25.0	107	1.88	0.153	0.145	7.7	0.30	2851	3036	220	105	D	M	0.0494	139.3	2.53	784	14.2	69.9	1.27	
60	52	2612	11.4	10.8	11.3	13.1	13.8	2.23	4.1	6.8	0.37	4.10	26.6	106	1.96	0.150	0.141	7.9	0.32	2960	3036	224	107	D	M	0.0600	156.6	2.61	941	14.6	92.3	1.54	
65	57	2417	12.1	11.5	12.0	13.8	14.6	2.33	4.3	7.3	0.36	4.47	27.9	105	2.03	0.148	0.139	8.0	0.33	3045	3036	225	108	D	M	0.0714	172.6	2.66	1062	14.9	114.2	1.76	
70	62	2236	12.8	12.2	12.6	14.4	15.3	2.43	4.4	7.8	0.36	4.85	29.0	104	2.11	0.146	0.138	8.1	0.35	3108	3036	225	108	D	M	0.0837	187.2	2.67	1145	15.3	134.7	1.92	
75	67	2069	13.5	12.9	13.2	15.0	15.9	2.52	4.5	8.2	0.35	5.23	29.8	103	2.20	0.146	0.138	8.1	0.36	3155	3036	224	108	D	M	0.0969	200.4	2.67	1195	15.7	153.5	2.05	
80	72	1917	14.2	13.6	13.8	15.6	16.5	2.61	4.7	8.6	0.35	5.61	30.5	101	2.28	0.146	0.139	8.1	0.37	3188	3036	222	108	D	M	0.1108	212.4	2.65	1218	16.1	170.5	2.13	
85	77	1779	14.9	14.3	14.3	16.1	17.0	2.70	4.8	9.0	0.34	5.99	31.1	100	2.37	0.147	0.139	8.1	0.38	3210	3036	219	107	D	M	0.1255	223.2	2.63	1220	16.5	185.6	2.18	
90	82	1654	15.6	14.9	14.8	16.6	17.5	2.79	4.9	9.3	0.34	6.37	31.6	99	2.46	0.148	0.140	8.0	0.38	3223	3036	216	105	D	M	0.1408	232.9	2.59	1206	17.0	199.0	2.21	
95	87	1541	16.2	15.6	15.2	17.1	18.0	2.87	5.0	9.7	0.34	6.76	31.9	98	2.55	0.149	0.142	7.9	0.39	3230	3036	213	104	D	M	0.1568	241.6	2.54	1182	17.4	210.9	2.22	
100	92	1439	16.9	16.2	15.6	17.5	18.4	2.95	5.2	10.0	0.34	7.14	32.2	97	2.64	0.151	0.143	7.8	0.39	3233	3036	210	103	D	M	0.1734	249.5	2.49	1150	17.9	221.4	2.21	
105	97	1347	17.5	16.8	16.0	17.9	18.8	3.03	5.3	10.3	0.34	7.52	32.4	96	2.72	0.153	0.145	7.7	0.39	3232	3036	206	101	D	M	0.1905	256.5	2.44	1113	18.3	230.6	2.20	
110	102	1264	18.1	17.4	16.4	18.2	19.2	3.10	5.4	10.6	0.33	7.90	32.5	95	2.81	0.154	0.147	7.6	0.39	3229	3036	203	100	D	M	0.2080	262.9	2.39	1074	18.8	238.8	2.17	
115	107	1190	18.7	18.0	16.7	18.6	19.5	3.18	5.5	10.8	0.33	8.27	32.7	94	2.90	0.156	0.149	7.6	0.40	3224	3036	200	98	D	M	0.2259	268.9	2.34	1035	19.2	246.3	2.14	
120	112	1123	19.3	18.6	17.1	18.9	19.8	3.25	5.6	11.1	0.33	8.65	32.8	93	2.98	0.158	0.151	7.5	0.40	3219	3036	196	97	D	M	0.2442	274.3	2.29	996	19.7	253.0	2.11	
125	117	1062	19.8	19.1	17.4	19.2	20.1	3.32	5.7	11.3	0.33	9.02	32.9	92	3.07	0.160	0.153	7.4	0.40	3213	3036	193	96	D	M	0.2628	279.1	2.23	957	20.1	258.9	2.07	
130	122	1007	20.4	19.7	17.7	19.5	20.4	3.39	5.9	11.5	0.33	9.38	32.9	92	3.15	0.162	0.154	7.3	0.40	3207	3036	190	94	D	M	0.2816	283.6	2.18	920	20.6	264.3	2.03	
135	127	957	20.9	20.2	18.0	19.7	20.7	3.45	6.0	11.7	0.33	9.74	33.0	91	3.23	0.164	0.156	7.2	0.40	3202	3036	187	93	D	M	0.3006	287.7	2.13	885	21.0	269.2	1.99	
140	132	912	21.5	20.7	18.2	20.0	20.9	3.52	6.1	11.9	0.33	10.10	33.0	90	3.31	0.166	0.158	7.1	0.40	3197	3036	185	92	D	M	0.3197	291.6	2.08	852	21.5	273.8	1.96	
145	137	871	22.0	21.2	18.5	20.2	21.1	3.58	6.2	12.1	0.33	10.45	33.1	89	3.39	0.168	0.160	7.1	0.41	3193	3036	182	91	D	M	0.3390	295.2	2.04	821	21.9	278.0	1.92	
150	142	834	22.5	21.7	18.7	20.4	21.4	3.64	6.2	12.3	0.33	10.80	33.1	88	3.46	0.169	0.162	7.0	0.41	3190	3036	180	90	D	M	0.3583	298.8	1.99	791	22.3	282.0	1.88	



Title = Ecosite Category 2 (Mesic - Poor), Spacing 3.5 m

User Name = Dick Dempster
Yield Table ID = DD1208773

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial
Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 14.7 m @ 50 yrs bhage

Initial Density = 816 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	816	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	3.50	6735.321	6732.941	*	*	*	734	*	*	*	M	*				0	*	0.0	0.00
5	*	816	*	*	0.6	0.7	0.7	*	*	*	*	*	0.0	*	3.50	4.974	4.890	*	*	*	734	*	*	*	M	*				0	*	0.0	0.00
10	3	814	2.4	2.3	1.8	2.1	2.1	0.95	2.0	0.2	0.92	0.71	0.4	100	3.50	1.696	1.649	0.2	0.00	140	734	11	6	A	M	0.0005	0.4	0.04	0	*	0.0	0.00	
15	8	810	5.1	4.8	3.2	3.6	3.8	1.35	3.3	0.7	0.82	1.48	1.7	89	3.51	0.967	0.934	0.7	0.01	286	734	25	12	A	M	0.0043	3.5	0.23	0	*	0.0	0.00	
20	13	805	7.3	6.8	4.6	5.2	5.4	1.65	4.2	1.5	0.73	2.26	3.3	90	3.52	0.675	0.649	1.2	0.03	451	734	38	18	A	M	0.0126	10.1	0.51	15	13.2	0.6	0.03	
25	18	798	9.1	8.6	5.9	6.7	7.0	1.91	4.8	2.4	0.66	3.01	5.2	91	3.54	0.525	0.504	1.7	0.05	624	734	50	24	A	M	0.0249	19.9	0.80	99	13.8	5.6	0.22	
30	23	788	10.7	10.1	7.2	8.2	8.5	2.12	5.3	3.4	0.60	3.74	7.0	92	3.56	0.436	0.418	2.2	0.07	797	734	62	29	A	M	0.0407	32.0	1.07	218	14.5	15.9	0.53	
35	28	777	12.1	11.4	8.4	9.5	9.9	2.31	5.6	4.3	0.56	4.43	8.9	92	3.59	0.378	0.362	2.6	0.09	966	734	72	34	B	M	0.0589	45.8	1.31	326	15.1	29.4	0.84	
40	33	764	13.3	12.6	9.6	10.7	11.2	2.48	5.8	5.1	0.52	5.09	10.7	92	3.62	0.338	0.324	2.9	0.11	1126	734	80	39	B	M	0.0791	60.4	1.51	410	15.8	44.5	1.11	
45	38	750	14.5	13.7	10.6	11.8	12.3	2.63	6.0	5.9	0.50	5.71	12.3	92	3.65	0.309	0.297	3.2	0.13	1276	734	88	43	B	M	0.1006	75.5	1.68	471	16.5	60.2	1.34	
50	43	734	15.5	14.8	11.6	12.8	13.4	2.76	6.1	6.6	0.48	6.30	13.9	91	3.69	0.288	0.276	3.5	0.15	1414	734	95	46	B	M	0.1231	90.4	1.81	514	17.1	75.8	1.52	
55	48	718	16.5	15.7	12.5	13.7	14.3	2.88	6.3	7.2	0.46	6.87	15.3	91	3.73	0.272	0.261	3.8	0.17	1541	734	101	49	B	M	0.1463	105.0	1.91	543	17.7	91.1	1.66	
60	53	700	17.4	16.6	13.4	14.6	15.2	3.00	6.4	7.8	0.44	7.41	16.6	90	3.78	0.259	0.249	4.0	0.19	1656	734	106	52	C	M	0.1699	119.0	1.98	560	18.4	105.6	1.76	
65	58	683	18.2	17.4	14.1	15.4	15.9	3.10	6.5	8.4	0.43	7.93	17.8	90	3.83	0.249	0.240	4.2	0.20	1761	734	110	54	C	M	0.1940	132.5	2.04	570	19.0	119.5	1.84	
70	63	665	19.0	18.2	14.8	16.1	16.7	3.20	6.6	8.9	0.42	8.43	18.8	89	3.88	0.241	0.233	4.3	0.22	1856	734	113	56	C	M	0.2182	145.1	2.07	573	19.6	132.5	1.89	
75	68	647	19.7	18.9	15.5	16.7	17.3	3.29	6.7	9.3	0.41	8.92	19.8	88	3.93	0.235	0.227	4.5	0.23	1942	734	116	58	C	M	0.2425	156.9	2.09	572	20.1	144.6	1.93	
80	73	630	20.4	19.6	16.1	17.3	17.9	3.38	6.8	9.7	0.41	9.39	20.7	88	3.98	0.230	0.222	4.6	0.24	2019	734	119	59	C	M	0.2670	168.2	2.10	569	20.7	156.1	1.95	
85	78	613	21.1	20.3	16.7	17.9	18.5	3.46	6.8	10.1	0.40	9.84	21.5	87	4.04	0.226	0.219	4.7	0.25	2090	734	121	60	C	M	0.2915	178.7	2.10	562	21.3	166.7	1.96	
90	83	596	21.8	20.9	17.2	18.4	19.0	3.54	6.9	10.4	0.39	10.28	22.2	87	4.10	0.223	0.216	4.8	0.26	2154	734	123	61	C	M	0.3159	188.3	2.09	554	21.8	176.5	1.96	
95	88	580	22.4	21.6	17.7	18.8	19.5	3.62	7.0	10.8	0.39	10.71	22.8	86	4.15	0.220	0.213	4.8	0.27	2213	734	124	62	C	M	0.3402	197.3	2.08	545	22.3	185.6	1.95	
100	93	565	23.0	22.1	18.1	19.3	19.9	3.69	7.1	11.1	0.39	11.13	23.4	85	4.21	0.218	0.212	4.9	0.28	2267	734	125	63	C	M	0.3644	205.9	2.06	536	22.8	194.3	1.94	
105	98	551	23.6	22.7	18.6	19.7	20.3	3.76	7.1	11.3	0.38	11.54	24.0	85	4.26	0.216	0.210	4.9	0.29	2317	734	126	64	C	M	0.3884	214.0	2.04	526	23.3	202.4	1.93	
110	103	538	24.1	23.3	19.0	20.1	20.7	3.82	7.2	11.6	0.38	11.93	24.5	84	4.31	0.215	0.209	5.0	0.30	2363	734	127	64	C	M	0.4122	221.8	2.02	517	23.8	210.2	1.91	
115	108	525	24.6	23.8	19.3	20.4	21.0	3.89	7.3	11.8	0.38	12.32	25.0	84	4.36	0.214	0.208	5.0	0.30	2407	734	128	65	C	M	0.4358	228.8	1.99	507	24.3	217.3	1.89	
120	113	513	25.1	24.3	19.7	20.8	21.3	3.94	7.3	12.1	0.37	12.69	25.5	83	4.42	0.213	0.207	5.1	0.31	2447	734	129	65	C	M	0.4591	235.5	1.96	498	24.7	224.0	1.87	
125	118	502	25.6	24.8	20.0	21.1	21.7	4.00	7.4	12.3	0.37	13.05	25.9	83	4.46	0.212	0.206	5.1	0.32	2486	734	129	66	C	M	0.4821	242.0	1.94	489	25.2	230.5	1.84	
130	123	491	26.1	25.2	20.3	21.4	21.9	4.06	7.4	12.5	0.37	13.41	26.3	82	4.51	0.211	0.206	5.1	0.33	2523	734	130	66	C	M	0.5047	247.8	1.91	480	25.6	236.3	1.82	
135	128	481	26.5	25.7	20.6	21.6	22.2	4.11	7.5	12.6	0.37	13.75	26.6	82	4.56	0.211	0.205	5.2	0.33	2558	734	130	66	C	M	0.5270	253.5	1.88	471	26.0	241.9	1.79	
140	133	472	27.0	26.1	20.9	21.9	22.5	4.16	7.6	12.8	0.37	14.08	27.0	81	4.60	0.210	0.205	5.2	0.34	2591	734	131	66	C	M	0.5490	259.1	1.85	464	26.4	247.6	1.77	
145	138	463	27.4	26.6	21.1	22.1	22.7	4.21	7.6	13.0	0.37	14.41	27.3	81	4.65	0.210	0.205	5.2	0.34	2624	734	131	67	C	M	0.5705	264.2	1.82	456	26.8	252.6	1.74	
150	143	455	27.8	27.0	21.4	22.4	22.9	4.26	7.6	13.1	0.36	14.73	27.7	80	4.69	0.210	0.205	5.2	0.35	2656	734	131	67	C	M	0.5917	269.2	1.79	449	27.2	257.7	1.72	



Title = Ecosite Category 2 (Mesic - Poor), Spacing 3.0 m

User Name = Dick Dempster
Yield Table ID = DD1208776

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial
Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 14.7 m @ 50 yrs bhage

Initial Density = 1111 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	1111	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	3.00	5772.383	5770.227	*	*	*	947	*	*	*	M	*				0	*	0.0	0.00
5	*	1110	*	*	0.6	0.7	0.7	*	*	*	*	*	0.0	*	3.00	4.269	4.192	*	*	*	947	*	*	*	M	*				0	*	0.0	0.00
10	3	1106	2.2	2.1	1.8	2.1	2.1	0.91	1.9	0.2	0.92	0.66	0.4	107	3.01	1.457	1.415	0.3	0.00	182	947	13	7	A	M	0.0004	0.4	0.04	0	*	0.0	0.00	
15	8	1099	4.7	4.4	3.1	3.6	3.8	1.28	3.1	0.7	0.81	1.34	1.9	93	3.02	0.832	0.802	0.9	0.02	351	947	30	15	A	M	0.0035	3.8	0.26	0	*	0.0	0.00	
20	13	1088	6.7	6.3	4.5	5.2	5.4	1.57	3.9	1.5	0.71	2.02	3.8	94	3.03	0.582	0.558	1.5	0.04	541	947	46	22	A	M	0.0102	11.1	0.56	8	12.9	0.3	0.02	
25	18	1073	8.3	7.9	5.8	6.7	7.0	1.81	4.5	2.5	0.64	2.70	5.9	95	3.05	0.454	0.434	2.0	0.06	739	947	61	29	A	M	0.0204	21.9	0.88	77	13.5	4.1	0.16	
30	23	1054	9.8	9.3	7.1	8.2	8.5	2.01	4.9	3.4	0.58	3.35	8.0	95	3.08	0.378	0.361	2.6	0.08	935	947	74	35	B	M	0.0336	35.4	1.18	205	14.1	13.9	0.46	
35	28	1031	11.2	10.5	8.3	9.5	9.9	2.19	5.2	4.3	0.54	3.98	10.1	95	3.11	0.329	0.314	3.0	0.11	1124	947	86	41	B	M	0.0490	50.5	1.44	339	14.7	28.1	0.80	
40	33	1006	12.4	11.7	9.5	10.7	11.2	2.35	5.4	5.1	0.50	4.58	12.1	95	3.15	0.295	0.282	3.4	0.13	1300	947	96	46	B	M	0.0663	66.7	1.67	453	15.2	44.7	1.12	
45	38	978	13.4	12.8	10.5	11.8	12.3	2.50	5.6	5.9	0.48	5.15	13.9	95	3.20	0.272	0.260	3.8	0.15	1462	947	104	50	C	M	0.0849	83.0	1.85	539	15.8	62.1	1.38	
50	43	947	14.5	13.7	11.5	12.8	13.4	2.63	5.7	6.6	0.46	5.71	15.5	94	3.25	0.254	0.243	4.1	0.17	1610	947	111	54	C	M	0.1046	99.1	1.98	600	16.4	79.5	1.59	
55	48	916	15.4	14.7	12.4	13.7	14.3	2.75	5.8	7.3	0.44	6.24	17.0	94	3.30	0.241	0.231	4.3	0.19	1741	947	117	57	C	M	0.1253	114.7	2.09	640	17.0	96.3	1.75	
60	53	884	16.3	15.5	13.2	14.5	15.2	2.86	6.0	7.8	0.43	6.76	18.4	93	3.36	0.231	0.222	4.6	0.21	1859	947	122	60	C	M	0.1466	129.6	2.16	665	17.6	112.3	1.87	
65	58	852	17.1	16.4	14.0	15.3	15.9	2.97	6.1	8.4	0.41	7.27	19.6	92	3.43	0.224	0.215	4.7	0.23	1963	947	126	62	C	M	0.1686	143.7	2.21	677	18.1	127.2	1.96	
70	63	821	17.9	17.1	14.7	16.0	16.7	3.07	6.2	8.9	0.40	7.76	20.7	92	3.49	0.218	0.209	4.9	0.24	2055	947	129	64	C	M	0.1911	156.9	2.24	681	18.7	141.2	2.02	
75	68	790	18.7	17.9	15.3	16.7	17.3	3.17	6.3	9.3	0.40	8.24	21.6	91	3.56	0.214	0.205	5.0	0.25	2137	947	132	65	C	M	0.2140	169.1	2.25	677	19.3	154.1	2.05	
80	73	761	19.4	18.6	15.9	17.3	17.9	3.26	6.4	9.7	0.39	8.71	22.5	90	3.62	0.210	0.202	5.1	0.26	2209	947	134	66	C	M	0.2372	180.5	2.26	669	19.8	166.1	2.08	
85	78	733	20.1	19.3	16.5	17.8	18.5	3.34	6.5	10.1	0.39	9.16	23.3	90	3.69	0.207	0.200	5.2	0.27	2273	947	135	67	C	M	0.2607	191.1	2.25	658	20.4	177.1	2.08	
90	83	706	20.8	20.0	17.0	18.3	19.0	3.43	6.6	10.5	0.38	9.61	23.9	89	3.76	0.206	0.198	5.2	0.28	2330	947	136	68	C	M	0.2844	200.8	2.23	645	20.9	187.2	2.08	
95	88	681	21.4	20.6	17.5	18.8	19.5	3.50	6.7	10.8	0.38	10.05	24.5	88	3.83	0.204	0.197	5.3	0.29	2381	947	137	68	C	M	0.3083	209.9	2.21	631	21.5	196.6	2.07	
100	93	657	22.0	21.2	17.9	19.2	19.9	3.58	6.7	11.1	0.37	10.48	25.1	87	3.90	0.203	0.196	5.3	0.30	2427	947	138	69	C	M	0.3321	218.2	2.18	616	22.0	205.1	2.05	
105	98	635	22.6	21.8	18.4	19.6	20.3	3.65	6.8	11.4	0.37	10.90	25.6	87	3.97	0.202	0.196	5.4	0.31	2469	947	138	69	C	M	0.3560	226.0	2.15	601	22.5	213.2	2.03	
110	103	614	23.2	22.4	18.8	20.0	20.7	3.72	6.9	11.6	0.37	11.30	26.0	86	4.04	0.202	0.195	5.4	0.32	2508	947	138	69	C	M	0.3798	233.2	2.12	585	23.0	220.4	2.00	
115	108	595	23.8	23.0	19.1	20.4	21.0	3.79	7.0	11.8	0.37	11.70	26.4	85	4.10	0.201	0.195	5.4	0.32	2543	947	138	70	C	M	0.4034	240.0	2.09	571	23.5	227.5	1.98	
120	113	577	24.3	23.5	19.5	20.7	21.3	3.85	7.1	12.1	0.37	12.09	26.8	85	4.16	0.201	0.195	5.4	0.33	2577	947	138	70	C	M	0.4269	246.3	2.05	557	24.0	233.9	1.95	
125	118	561	24.8	24.0	19.8	21.0	21.7	3.91	7.1	12.3	0.36	12.47	27.2	84	4.22	0.201	0.195	5.5	0.34	2608	947	139	70	C	M	0.4502	252.6	2.02	544	24.4	240.2	1.92	
130	123	545	25.3	24.5	20.1	21.3	21.9	3.97	7.2	12.5	0.36	12.84	27.5	84	4.28	0.201	0.195	5.5	0.34	2638	947	138	70	C	M	0.4732	257.9	1.98	530	24.9	245.6	1.89	
135	128	531	25.8	25.0	20.4	21.6	22.2	4.03	7.3	12.7	0.36	13.20	27.8	83	4.34	0.201	0.195	5.5	0.35	2667	947	138	70	D	M	0.4960	263.4	1.95	519	25.3	251.1	1.86	
140	133	518	26.3	25.4	20.7	21.8	22.5	4.08	7.3	12.8	0.36	13.55	28.1	82	4.39	0.201	0.196	5.5	0.35	2695	947	138	70	D	M	0.5184	268.6	1.92	507	25.8	256.3	1.83	
145	138	506	26.7	25.9	20.9	22.1	22.7	4.13	7.4	13.0	0.36	13.89	28.4	82	4.45	0.201	0.196	5.5	0.36	2722	947	138	70	D	M	0.5406	273.5	1.89	497	26.2	261.3	1.80	
150	143	495	27.2	26.3	21.2	22.3	22.9	4.18	7.4	13.2	0.36	14.22	28.7	81	4.49	0.202	0.196	5.5	0.36	2748	947	138	70	D	M	0.5624	278.4	1.86	487	26.6	266.2	1.77	



Title = Ecosite Category 2 (Mesic - Poor), Spacing 2.5 m

User Name = Dick Dempster
Yield Table ID = DD1208778

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 14.7 m @ 50 yrs bhage

Initial Density = 1600 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	1600	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	2.50	4810.203	4808.282	*	*	*	1272	*	*	*	M	*				0	*	0.0	0.00
5	*	1598	*	*	0.6	0.7	0.7	*	*	*	*	*	0.0	*	2.50	3.562	3.494	*	*	*	1272	*	*	*	M	*				0	*	0.0	0.00
10	3	1590	2.0	1.9	1.8	2.1	2.1	0.88	1.8	0.2	0.91	0.61	0.5	116	2.51	1.218	1.180	0.3	0.00	249	1272	17	10	A	M	0.0003	0.5	0.05	0	*	0.0	0.00	
15	8	1575	4.2	4.0	3.1	3.6	3.8	1.21	2.9	0.7	0.79	1.19	2.2	99	2.52	0.697	0.670	1.1	0.02	451	1272	38	19	A	M	0.0027	4.3	0.29	0	*	0.0	0.00	
20	13	1552	6.0	5.7	4.4	5.2	5.4	1.48	3.6	1.6	0.69	1.79	4.4	99	2.54	0.489	0.468	1.8	0.04	675	1272	58	28	A	M	0.0080	12.4	0.62	3	12.5	0.1	0.01	
25	18	1520	7.6	7.1	5.8	6.7	7.0	1.70	4.1	2.5	0.61	2.38	6.8	99	2.56	0.383	0.365	2.5	0.07	907	1272	76	36	B	M	0.0162	24.6	0.98	48	13.2	2.4	0.10	
30	23	1481	8.9	8.4	7.0	8.1	8.5	1.89	4.5	3.4	0.56	2.95	9.3	100	2.60	0.320	0.305	3.1	0.10	1134	1272	92	44	B	M	0.0268	39.7	1.32	171	13.7	10.8	0.36	
35	28	1435	10.2	9.6	8.2	9.4	9.9	2.06	4.7	4.3	0.51	3.51	11.7	100	2.64	0.280	0.266	3.7	0.13	1348	1272	106	50	C	M	0.0394	56.6	1.62	331	14.2	25.1	0.72	
40	33	1384	11.3	10.7	9.3	10.6	11.2	2.21	4.9	5.2	0.48	4.06	13.9	99	2.69	0.253	0.241	4.1	0.16	1545	1272	117	56	C	M	0.0538	74.5	1.86	481	14.7	42.9	1.07	
45	38	1329	12.4	11.7	10.3	11.7	12.3	2.35	5.1	5.9	0.45	4.58	15.9	99	2.74	0.234	0.223	4.5	0.18	1721	1272	127	61	C	M	0.0696	92.4	2.05	604	15.2	62.4	1.39	
50	43	1272	13.3	12.7	11.3	12.7	13.4	2.48	5.2	6.6	0.43	5.10	17.7	98	2.80	0.220	0.210	4.9	0.20	1877	1272	134	65	C	M	0.0865	110.1	2.20	696	15.7	82.1	1.64	
55	48	1214	14.2	13.6	12.2	13.6	14.3	2.60	5.3	7.3	0.42	5.60	19.4	97	2.87	0.210	0.201	5.1	0.22	2013	1272	140	68	C	M	0.1046	126.9	2.31	758	16.2	101.1	1.84	
60	53	1156	15.1	14.4	13.0	14.5	15.2	2.72	5.5	7.8	0.41	6.09	20.8	97	2.94	0.203	0.194	5.3	0.24	2131	1272	145	70	D	M	0.1235	142.8	2.38	796	16.8	119.0	1.98	
65	58	1100	16.0	15.2	13.7	15.2	15.9	2.83	5.6	8.4	0.40	6.58	22.0	96	3.02	0.198	0.189	5.5	0.26	2231	1272	148	72	D	M	0.1434	157.7	2.43	815	17.3	135.7	2.09	
70	63	1045	16.8	16.0	14.4	15.9	16.7	2.93	5.7	8.9	0.39	7.06	23.1	95	3.09	0.194	0.186	5.6	0.27	2318	1272	151	74	D	M	0.1640	171.3	2.45	819	17.9	150.9	2.16	
75	68	993	17.5	16.8	15.1	16.6	17.3	3.03	5.8	9.3	0.38	7.53	24.0	94	3.17	0.191	0.183	5.7	0.28	2391	1272	152	75	D	M	0.1852	183.9	2.45	814	18.4	164.8	2.20	
80	73	944	18.3	17.5	15.7	17.2	17.9	3.12	5.9	9.7	0.38	7.99	24.8	93	3.25	0.189	0.182	5.8	0.29	2454	1272	153	75	D	M	0.2070	195.4	2.44	801	18.9	177.5	2.22	
85	78	898	19.0	18.2	16.2	17.7	18.5	3.21	6.1	10.1	0.37	8.45	25.4	92	3.34	0.188	0.181	5.8	0.30	2507	1272	154	76	D	M	0.2293	205.9	2.42	783	19.5	188.9	2.22	
90	83	856	19.7	18.9	16.8	18.2	19.0	3.30	6.2	10.4	0.37	8.90	26.1	91	3.42	0.187	0.180	5.9	0.31	2554	1272	154	76	D	M	0.2521	215.8	2.40	764	20.0	199.5	2.22	
95	88	816	20.4	19.6	17.2	18.7	19.5	3.38	6.3	10.8	0.36	9.35	26.6	91	3.50	0.187	0.180	5.9	0.32	2594	1272	154	76	D	M	0.2751	224.5	2.36	741	20.6	208.8	2.20	
100	93	780	21.0	20.2	17.7	19.1	19.9	3.46	6.4	11.1	0.36	9.78	27.0	90	3.58	0.187	0.180	5.9	0.33	2629	1272	153	76	D	M	0.2984	232.7	2.33	719	21.1	217.6	2.18	
105	98	746	21.6	20.9	18.1	19.5	20.3	3.53	6.5	11.3	0.36	10.21	27.4	89	3.66	0.187	0.180	5.9	0.33	2661	1272	153	76	D	M	0.3218	240.0	2.29	696	21.6	225.4	2.15	
110	103	716	22.2	21.5	18.5	19.9	20.7	3.61	6.6	11.6	0.36	10.63	27.8	88	3.74	0.188	0.181	5.9	0.34	2689	1272	152	76	D	M	0.3453	247.2	2.25	675	22.2	232.9	2.12	
115	108	688	22.8	22.0	18.9	20.3	21.0	3.68	6.7	11.9	0.36	11.04	28.2	87	3.81	0.188	0.181	5.9	0.34	2715	1272	152	76	D	M	0.3688	253.8	2.21	654	22.7	239.7	2.08	
120	113	662	23.4	22.6	19.2	20.6	21.3	3.74	6.8	12.1	0.35	11.44	28.5	87	3.89	0.189	0.182	5.9	0.35	2739	1272	151	76	D	M	0.3923	259.7	2.16	634	23.2	246.0	2.05	
125	118	638	23.9	23.1	19.6	20.9	21.7	3.81	6.8	12.3	0.35	11.83	28.7	86	3.96	0.189	0.183	5.9	0.36	2762	1272	150	75	D	M	0.4157	265.2	2.12	614	23.6	251.6	2.01	
130	123	616	24.5	23.7	19.9	21.2	21.9	3.87	6.9	12.5	0.35	12.21	29.0	85	4.03	0.190	0.184	5.9	0.36	2784	1272	149	75	D	M	0.4389	270.3	2.08	596	24.1	257.0	1.98	
135	128	596	25.0	24.2	20.2	21.5	22.2	3.93	7.0	12.7	0.35	12.59	29.2	85	4.10	0.191	0.184	5.8	0.36	2804	1272	149	75	D	M	0.4619	275.3	2.04	579	24.6	262.0	1.94	
140	133	578	25.5	24.7	20.4	21.7	22.5	3.99	7.1	12.9	0.35	12.95	29.5	84	4.16	0.191	0.185	5.8	0.37	2825	1272	148	75	D	M	0.4847	280.1	2.00	564	25.0	267.0	1.91	
145	138	562	26.0	25.1	20.7	22.0	22.7	4.04	7.1	13.0	0.35	13.31	29.7	83	4.22	0.192	0.186	5.8	0.37	2845	1272	148	75	D	M	0.5072	285.0	1.97	550	25.5	272.0	1.88	
150	143	546	26.4	25.6	20.9	22.2	22.9	4.10	7.2	13.2	0.35	13.66	29.9	83	4.28	0.193	0.187	5.8	0.38	2864	1272	147	75	D	M	0.5294	289.0	1.93	536	25.9	276.1	1.84	



Title = Ecosite Category 2 (Mesic - Poor), Spacing 2.0 m

User Name = Dick Dempster
Yield Table ID = DD1208779

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 14.7 m @ 50 yrs bhage

Initial Density = 2500 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim
0	*	2500	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	2.00	3848.296	3846.626	*	*	*	1814	*	*	*	M	*			0	*	0.0	0.00
5	*	2496	*	*	0.6	0.7	0.7	*	*	*	*	*	0.0	*	2.00	2.854	2.796	*	*	*	1814	*	*	*	M	*			0	*	0.0	0.00
10	3	2478	1.7	1.6	1.7	2.1	2.1	0.84	1.7	0.2	0.89	0.56	0.6	128	2.01	0.978	0.945	0.4	0.01	368	1814	24	14	A	M	0.0002	0.6	0.06	0	*	0.0	0.00
15	8	2444	3.7	3.5	3.0	3.6	3.8	1.14	2.6	0.8	0.77	1.05	2.7	106	2.02	0.561	0.538	1.4	0.03	619	1814	51	26	A	M	0.0020	4.9	0.33	0	*	0.0	0.00
20	13	2392	5.3	5.0	4.3	5.2	5.4	1.37	3.3	1.6	0.66	1.55	5.3	105	2.04	0.395	0.377	2.3	0.06	895	1814	77	37	B	M	0.0060	14.3	0.71	0	*	0.0	0.00
25	18	2323	6.7	6.3	5.6	6.7	7.0	1.58	3.7	2.5	0.58	2.05	8.3	105	2.07	0.311	0.295	3.2	0.09	1176	1814	100	48	B	M	0.0121	28.2	1.13	20	13.0	1.0	0.04
30	23	2238	8.0	7.5	6.9	8.1	8.5	1.75	4.0	3.5	0.53	2.54	11.2	105	2.11	0.262	0.248	4.0	0.12	1445	1814	120	57	C	M	0.0203	45.5	1.52	113	13.3	6.6	0.22
35	28	2141	9.1	8.6	8.0	9.4	9.9	1.91	4.2	4.3	0.48	3.03	14.0	105	2.16	0.230	0.218	4.6	0.16	1694	1814	136	65	C	M	0.0303	64.8	1.85	279	13.7	19.3	0.55
40	33	2036	10.2	9.6	9.1	10.6	11.2	2.06	4.4	5.1	0.45	3.51	16.6	104	2.22	0.210	0.198	5.2	0.19	1916	1814	150	72	D	M	0.0417	84.9	2.12	469	14.1	37.6	0.94
45	38	1926	11.2	10.6	10.1	11.7	12.3	2.20	4.5	5.9	0.43	3.99	18.8	103	2.28	0.195	0.185	5.6	0.22	2109	1814	160	77	D	M	0.0545	105.0	2.33	645	14.5	59.2	1.32
50	43	1814	12.1	11.5	11.0	12.6	13.4	2.32	4.7	6.6	0.41	4.46	20.8	102	2.35	0.186	0.176	6.0	0.24	2273	1814	168	81	D	M	0.0686	124.5	2.49	787	15.0	81.8	1.64
55	48	1704	13.0	12.4	11.9	13.6	14.3	2.44	4.8	7.2	0.39	4.92	22.6	102	2.42	0.179	0.169	6.3	0.27	2410	1814	174	84	D	M	0.0839	142.9	2.60	889	15.4	103.9	1.89
60	53	1597	13.8	13.2	12.7	14.4	15.2	2.56	4.9	7.8	0.38	5.38	24.0	101	2.50	0.174	0.165	6.5	0.28	2523	1814	178	86	D	M	0.1002	160.1	2.67	956	15.9	124.8	2.08
65	58	1495	14.7	14.0	13.4	15.1	15.9	2.66	5.1	8.3	0.37	5.84	25.3	99	2.59	0.171	0.162	6.6	0.30	2616	1814	180	87	D	M	0.1176	175.8	2.70	992	16.4	144.0	2.22
70	63	1400	15.5	14.8	14.1	15.8	16.7	2.77	5.2	8.8	0.37	6.30	26.3	98	2.67	0.169	0.160	6.7	0.31	2691	1814	181	88	D	M	0.1359	190.2	2.72	1006	16.9	161.5	2.31
75	68	1311	16.2	15.6	14.8	16.5	17.3	2.87	5.3	9.2	0.36	6.76	27.2	97	2.76	0.168	0.159	6.7	0.33	2751	1814	181	89	D	M	0.1550	203.3	2.71	1002	17.4	177.2	2.36
80	73	1229	17.0	16.3	15.4	17.1	17.9	2.96	5.5	9.7	0.36	7.21	27.9	96	2.85	0.167	0.159	6.8	0.34	2799	1814	181	89	D	M	0.1750	215.0	2.69	986	18.0	191.1	2.39
85	78	1154	17.7	17.0	15.9	17.6	18.5	3.06	5.6	10.0	0.35	7.66	28.5	95	2.94	0.167	0.159	6.8	0.34	2837	1814	180	88	D	M	0.1956	225.7	2.66	962	18.5	203.6	2.40
90	83	1085	18.4	17.7	16.4	18.1	19.0	3.15	5.7	10.4	0.35	8.11	29.0	94	3.04	0.168	0.160	6.7	0.35	2868	1814	178	88	D	M	0.2168	235.3	2.61	933	19.0	214.7	2.39
95	88	1023	19.1	18.4	16.9	18.6	19.5	3.23	5.8	10.7	0.35	8.55	29.4	93	3.13	0.168	0.161	6.7	0.36	2892	1814	177	87	D	M	0.2386	244.0	2.57	901	19.6	224.7	2.36
100	93	966	19.8	19.1	17.3	19.0	19.9	3.31	5.9	11.0	0.35	8.98	29.7	93	3.22	0.169	0.162	6.7	0.36	2913	1814	175	87	D	M	0.2607	251.8	2.52	869	20.1	233.5	2.34
105	98	915	20.4	19.7	17.8	19.4	20.3	3.39	6.1	11.3	0.34	9.41	30.1	92	3.31	0.170	0.163	6.6	0.37	2929	1814	173	86	D	M	0.2832	259.1	2.47	836	20.6	241.6	2.30
110	103	868	21.1	20.3	18.2	19.8	20.7	3.47	6.2	11.6	0.34	9.83	30.3	91	3.39	0.171	0.164	6.6	0.37	2944	1814	171	85	D	M	0.3059	265.5	2.41	804	21.2	248.7	2.26
115	108	826	21.7	20.9	18.5	20.1	21.0	3.54	6.3	11.8	0.34	10.25	30.5	90	3.48	0.173	0.166	6.6	0.38	2956	1814	170	85	D	M	0.3288	271.6	2.36	774	21.7	255.4	2.22
120	113	788	22.3	21.5	18.9	20.5	21.3	3.61	6.4	12.1	0.34	10.66	30.7	89	3.56	0.174	0.167	6.5	0.38	2968	1814	168	84	D	M	0.3518	277.2	2.31	745	22.2	261.4	2.18
125	118	753	22.9	22.1	19.2	20.8	21.7	3.68	6.5	12.3	0.34	11.06	30.9	88	3.64	0.175	0.168	6.5	0.38	2978	1814	166	83	D	M	0.3748	282.2	2.26	718	22.7	266.9	2.14
130	123	722	23.4	22.6	19.5	21.1	21.9	3.75	6.6	12.5	0.34	11.45	31.1	87	3.72	0.177	0.170	6.4	0.39	2989	1814	165	83	D	M	0.3977	287.2	2.21	693	23.2	272.2	2.09
135	128	694	23.9	23.2	19.8	21.3	22.2	3.81	6.7	12.7	0.34	11.84	31.2	87	3.80	0.178	0.171	6.4	0.39	2999	1814	163	82	D	M	0.4207	291.9	2.16	669	23.6	277.2	2.05
140	133	668	24.5	23.7	20.1	21.6	22.5	3.87	6.8	12.9	0.34	12.21	31.4	86	3.87	0.179	0.172	6.3	0.39	3009	1814	162	82	D	M	0.4434	296.2	2.12	647	24.1	281.7	2.01
145	138	644	25.0	24.2	20.3	21.8	22.7	3.93	6.8	13.0	0.34	12.58	31.5	85	3.94	0.180	0.174	6.3	0.40	3019	1814	160	81	D	M	0.4660	300.1	2.07	627	24.5	285.8	1.97
150	143	622	25.4	24.6	20.6	22.1	22.9	3.99	6.9	13.2	0.34	12.94	31.6	85	4.01	0.182	0.175	6.3	0.40	3030	1814	159	80	D	M	0.4883	303.7	2.02	607	25.0	289.6	1.93



Title = Ecosite Category 2 (Mesic - Poor), Spacing 1.5 m

User Name = Dick Dempster
Yield Table ID = DD1208783

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 14.7 m @ 50 yrs bhage

Initial Density = 4444 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim
0	*	4444	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	1.50	2886.514	2885.113	*	*	*	2866	*	*	*	M	*			0	*	0.0	0.00
5	*	4433	*	*	0.6	0.7	0.7	*	*	*	*	*	0.0	*	1.50	2.147	2.098	*	*	*	2866	*	*	*	M	*			0	*	0.0	0.00
10	3	4389	1.5	1.4	1.7	2.0	2.1	0.80	1.6	0.2	0.87	0.51	0.7	146	1.51	0.738	0.710	0.6	0.01	613	2866	36	22	A	M	0.0002	0.7	0.07	0	*	0.0	0.00
15	8	4302	3.2	3.0	2.9	3.6	3.8	1.05	2.3	0.8	0.73	0.89	3.4	116	1.52	0.425	0.405	1.9	0.03	947	2866	75	38	B	M	0.0014	5.8	0.39	0	*	0.0	0.00
20	13	4172	4.6	4.3	4.2	5.1	5.4	1.26	2.8	1.6	0.62	1.30	6.8	113	1.55	0.301	0.285	3.2	0.07	1307	2866	111	54	C	M	0.0041	17.0	0.85	0	*	0.0	0.00
25	18	4003	5.8	5.4	5.4	6.6	7.0	1.44	3.2	2.5	0.55	1.70	10.6	113	1.58	0.238	0.225	4.4	0.12	1664	2866	142	68	C	M	0.0084	33.6	1.34	3	12.7	0.1	0.01
30	23	3802	6.9	6.5	6.6	8.0	8.5	1.60	3.4	3.4	0.49	2.12	14.2	112	1.62	0.202	0.190	5.4	0.16	1998	2866	169	80	D	M	0.0142	54.1	1.80	43	13.0	2.3	0.08
35	28	3577	7.9	7.5	7.7	9.3	9.9	1.75	3.6	4.3	0.45	2.53	17.7	111	1.67	0.180	0.169	6.3	0.21	2295	2866	190	90	D	M	0.0214	76.7	2.19	165	13.2	10.4	0.30
40	33	3341	8.9	8.4	8.8	10.5	11.2	1.88	3.7	5.1	0.42	2.94	20.7	110	1.73	0.165	0.155	7.0	0.25	2549	2866	206	98	D	M	0.0300	100.1	2.50	365	13.5	26.2	0.66
45	38	3101	9.8	9.3	9.7	11.6	12.3	2.01	3.9	5.8	0.40	3.35	23.4	109	1.80	0.155	0.146	7.5	0.28	2760	2866	218	104	D	M	0.0397	123.2	2.74	597	13.9	48.3	1.07
50	43	2866	10.7	10.1	10.7	12.5	13.4	2.13	4.0	6.4	0.38	3.76	25.7	108	1.87	0.149	0.140	7.9	0.31	2929	2866	226	108	D	M	0.0507	145.3	2.91	817	14.2	73.8	1.48
55	48	2640	11.5	11.0	11.5	13.4	14.3	2.25	4.1	7.1	0.37	4.18	27.6	107	1.95	0.145	0.136	8.1	0.33	3062	2866	230	110	D	M	0.0628	165.9	3.02	998	14.6	100.3	1.82
60	53	2429	12.3	11.8	12.3	14.3	15.2	2.36	4.3	7.6	0.35	4.59	29.1	105	2.03	0.142	0.134	8.3	0.35	3163	2866	232	112	D	M	0.0761	184.8	3.08	1131	15.0	126.0	2.10
65	58	2233	13.1	12.6	13.0	15.0	15.9	2.47	4.4	8.1	0.35	5.02	30.3	104	2.12	0.141	0.133	8.4	0.37	3238	2866	232	112	D	M	0.0904	201.9	3.11	1217	15.4	149.8	2.31
70	63	2055	13.9	13.3	13.7	15.7	16.7	2.57	4.6	8.6	0.34	5.44	31.3	103	2.21	0.141	0.132	8.4	0.38	3292	2866	231	112	D	M	0.1058	217.3	3.10	1263	15.9	171.4	2.45
75	68	1893	14.7	14.1	14.3	16.3	17.3	2.67	4.7	9.1	0.34	5.87	32.1	102	2.30	0.141	0.133	8.4	0.39	3329	2866	229	111	D	M	0.1221	231.1	3.08	1277	16.4	190.5	2.54
80	73	1746	15.4	14.8	14.9	16.9	17.9	2.77	4.8	9.5	0.33	6.29	32.7	101	2.39	0.142	0.134	8.3	0.40	3353	2866	226	110	D	M	0.1393	243.2	3.04	1266	16.8	207.1	2.59
85	78	1615	16.2	15.5	15.4	17.4	18.5	2.86	5.0	9.9	0.33	6.72	33.1	99	2.49	0.143	0.135	8.2	0.41	3366	2866	222	109	D	M	0.1574	254.1	2.99	1240	17.3	221.8	2.61
90	83	1498	16.9	16.2	15.9	17.9	19.0	2.95	5.1	10.3	0.33	7.14	33.5	98	2.58	0.144	0.136	8.2	0.41	3373	2866	219	107	D	M	0.1761	263.9	2.93	1204	17.8	234.6	2.61
95	88	1393	17.6	16.9	16.4	18.4	19.5	3.04	5.3	10.6	0.33	7.57	33.8	97	2.68	0.146	0.138	8.1	0.41	3373	2866	215	105	D	M	0.1956	272.5	2.87	1162	18.3	245.8	2.59
100	93	1299	18.2	17.6	16.8	18.8	19.9	3.13	5.4	10.9	0.33	7.99	34.0	96	2.77	0.147	0.139	7.9	0.42	3370	2866	211	104	D	M	0.2156	280.1	2.80	1116	18.8	255.5	2.55
105	98	1216	18.9	18.2	17.2	19.2	20.3	3.21	5.5	11.2	0.33	8.41	34.1	95	2.87	0.149	0.141	7.8	0.42	3365	2866	207	102	D	M	0.2362	287.2	2.74	1070	19.4	264.3	2.52
110	103	1141	19.5	18.8	17.6	19.6	20.7	3.29	5.6	11.5	0.32	8.82	34.2	94	2.96	0.151	0.143	7.7	0.42	3358	2866	203	101	D	M	0.2572	293.4	2.67	1024	19.9	271.9	2.47
115	108	1074	20.2	19.4	18.0	20.0	21.0	3.36	5.7	11.8	0.32	9.23	34.3	93	3.05	0.153	0.145	7.6	0.42	3350	2866	200	99	D	M	0.2785	299.1	2.60	980	20.4	278.7	2.42
120	113	1013	20.8	20.0	18.3	20.3	21.3	3.44	5.9	12.0	0.32	9.64	34.3	92	3.14	0.155	0.147	7.5	0.43	3342	2866	196	98	D	M	0.3000	303.9	2.53	936	20.9	284.5	2.37
125	118	959	21.4	20.6	18.6	20.6	21.7	3.51	6.0	12.2	0.32	10.03	34.4	91	3.23	0.157	0.149	7.4	0.43	3335	2866	193	96	D	M	0.3218	308.6	2.47	896	21.4	289.9	2.32
130	123	911	21.9	21.2	18.9	20.9	21.9	3.58	6.1	12.5	0.32	10.43	34.4	91	3.31	0.159	0.151	7.3	0.43	3328	2866	190	95	D	M	0.3437	313.1	2.41	860	21.9	295.2	2.27
135	128	867	22.5	21.7	19.2	21.1	22.2	3.64	6.2	12.7	0.32	10.81	34.4	90	3.40	0.161	0.153	7.3	0.43	3321	2866	187	94	D	M	0.3657	317.0	2.35	825	22.3	299.7	2.22
140	133	827	23.0	22.3	19.5	21.4	22.5	3.71	6.3	12.8	0.33	11.19	34.5	89	3.48	0.162	0.155	7.2	0.43	3316	2866	185	93	D	M	0.3877	320.6	2.29	792	22.8	303.7	2.17
145	138	791	23.6	22.8	19.7	21.6	22.7	3.77	6.4	13.0	0.33	11.57	34.5	88	3.56	0.164	0.157	7.1	0.43	3312	2866	182	91	D	M	0.4096	324.0	2.23	762	23.3	307.5	2.12
150	143	759	24.1	23.3	20.0	21.9	22.9	3.83	6.5	13.2	0.33	11.93	34.5	87	3.63	0.166	0.158	7.0	0.44	3309	2866	180	91	D	M	0.4316	327.6	2.18	734	23.7	311.4	2.08



Title = Ecosite Category 3 (Mesic - Medium), Spacing 3.5 m

User Name = Dick Dempster
Yield Table ID = DD1208813

Utilization Standard = 13/7

Stump DOB = 13 cm

Species = Lodgepole Pine

Top DIB = 7 cm

Type = Planted

Stump Ht = 0.3 m

Region = Provincial

Min. Merchantable Len. = 2.44 m

Site Index = 18.7 m @ 50 yrs bhage

Initial Density = 816 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	816	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	3.50	4589.840	4587.128	*	*	*	692	*	*	*	G	*				0	*	0.0	0.00
5	*	815	*	*	0.9	1.0	1.0	*	*	*	*	*	0.0	*	3.50	3.440	3.355	*	*	*	692	*	*	*	G	*				0	*	0.0	0.00
10	4	812	3.9	3.7	2.5	2.9	3.1	1.17	2.8	0.4	0.87	1.10	1.0	92	3.51	1.193	1.147	0.5	0.01	211	692	18	9	A	G	0.0020	1.6	0.16	0	*	0.0	0.00	
15	9	807	6.9	6.5	4.3	5.1	5.3	1.60	4.1	1.4	0.74	2.11	3.0	92	3.52	0.691	0.659	1.1	0.03	419	692	36	17	A	G	0.0110	8.9	0.59	8	13.0	0.3	0.02	
20	14	798	9.4	8.8	6.1	7.2	7.6	1.95	5.0	2.7	0.64	3.14	5.5	93	3.54	0.491	0.466	1.8	0.06	656	692	53	25	A	G	0.0282	22.5	1.13	120	13.9	7.3	0.36	
25	19	786	11.5	10.9	7.9	9.2	9.7	2.23	5.5	4.0	0.57	4.14	8.1	94	3.57	0.388	0.368	2.4	0.09	900	692	68	33	B	G	0.0521	41.0	1.64	286	14.8	24.1	0.96	
30	24	771	13.3	12.6	9.5	11.0	11.6	2.48	5.9	5.3	0.52	5.09	10.7	94	3.60	0.328	0.310	2.9	0.12	1138	692	81	39	B	G	0.0811	62.5	2.08	418	15.8	46.2	1.54	
35	29	754	14.9	14.2	11.0	12.6	13.3	2.69	6.1	6.5	0.48	5.98	13.2	93	3.64	0.288	0.273	3.4	0.15	1362	692	93	45	B	G	0.1135	85.6	2.44	505	16.7	70.3	2.01	
40	34	735	16.4	15.6	12.4	14.1	14.9	2.88	6.3	7.5	0.45	6.82	15.5	93	3.69	0.262	0.248	3.8	0.18	1567	692	103	50	C	G	0.1482	109.0	2.72	558	17.6	94.6	2.37	
45	39	714	17.7	16.9	13.7	15.4	16.2	3.04	6.4	8.4	0.43	7.62	17.5	92	3.74	0.243	0.231	4.2	0.20	1752	692	111	54	C	G	0.1845	131.7	2.93	587	18.5	118.1	2.63	
50	44	692	18.9	18.1	14.9	16.6	17.5	3.19	6.6	9.3	0.41	8.37	19.4	91	3.80	0.229	0.218	4.5	0.23	1917	692	117	58	C	G	0.2217	153.5	3.07	600	19.4	140.4	2.81	
55	49	670	20.0	19.2	15.9	17.7	18.6	3.33	6.7	10.0	0.40	9.09	21.0	91	3.86	0.219	0.208	4.7	0.25	2063	692	123	61	C	G	0.2596	173.9	3.16	602	20.3	161.2	2.93	
60	54	648	21.0	20.2	16.9	18.6	19.5	3.46	6.8	10.6	0.39	9.77	22.4	90	3.93	0.211	0.201	4.9	0.27	2192	692	127	63	C	G	0.2977	192.9	3.22	597	21.1	180.4	3.01	
65	59	626	21.9	21.2	17.8	19.5	20.4	3.57	6.9	11.2	0.38	10.43	23.7	89	4.00	0.205	0.196	5.1	0.29	2306	692	131	65	C	G	0.3359	210.3	3.23	588	21.9	197.9	3.04	
70	64	605	22.8	22.1	18.6	20.3	21.2	3.68	7.0	11.8	0.37	11.05	24.8	88	4.07	0.200	0.192	5.2	0.31	2406	692	133	67	C	G	0.3739	226.2	3.23	576	22.7	213.9	3.06	
75	69	585	23.7	22.9	19.4	21.0	21.9	3.78	7.1	12.2	0.36	11.65	25.8	88	4.13	0.197	0.189	5.3	0.32	2495	692	136	68	C	G	0.4118	240.9	3.21	562	23.4	228.5	3.05	
80	74	567	24.5	23.7	20.1	21.7	22.6	3.88	7.2	12.7	0.36	12.23	26.7	87	4.20	0.194	0.186	5.4	0.34	2573	692	138	69	C	G	0.4492	254.7	3.18	549	24.1	242.4	3.03	
85	79	549	25.2	24.4	20.7	22.3	23.2	3.97	7.3	13.1	0.35	12.78	27.4	86	4.27	0.191	0.184	5.5	0.35	2644	692	139	70	D	G	0.4861	266.9	3.14	535	24.8	254.5	2.99	
90	84	532	25.9	25.2	21.3	22.8	23.7	4.05	7.4	13.4	0.35	13.32	28.1	85	4.34	0.190	0.183	5.5	0.36	2708	692	140	71	D	G	0.5224	277.9	3.09	521	25.5	265.6	2.95	
95	89	517	26.6	25.8	21.8	23.3	24.2	4.13	7.4	13.7	0.35	13.83	28.8	85	4.40	0.188	0.182	5.6	0.38	2766	692	141	71	D	G	0.5580	288.5	3.04	508	26.1	276.1	2.91	
100	94	503	27.2	26.5	22.3	23.8	24.7	4.20	7.5	14.0	0.35	14.32	29.3	84	4.46	0.187	0.181	5.6	0.39	2819	692	142	72	D	G	0.5929	298.2	2.98	496	26.7	285.8	2.86	
105	99	489	27.9	27.1	22.8	24.3	25.1	4.27	7.6	14.3	0.34	14.79	29.8	84	4.52	0.186	0.180	5.6	0.40	2869	692	142	72	D	G	0.6269	306.6	2.92	483	27.3	294.0	2.80	
110	104	477	28.4	27.7	23.2	24.7	25.5	4.34	7.6	14.5	0.34	15.24	30.3	83	4.58	0.186	0.180	5.7	0.41	2915	692	142	73	D	G	0.6601	314.9	2.86	472	27.8	302.3	2.75	
115	109	466	29.0	28.2	23.6	25.0	25.8	4.40	7.7	14.8	0.34	15.67	30.7	82	4.63	0.185	0.179	5.7	0.42	2958	692	143	73	D	G	0.6924	322.7	2.81	462	28.4	310.0	2.70	
120	114	456	29.5	28.7	24.0	25.4	26.2	4.46	7.8	15.0	0.34	16.09	31.2	82	4.68	0.185	0.179	5.7	0.43	2999	692	143	73	D	G	0.7239	330.1	2.75	453	28.8	317.4	2.64	
125	119	447	30.0	29.2	24.3	25.7	26.5	4.52	7.8	15.2	0.34	16.49	31.6	81	4.73	0.184	0.179	5.8	0.44	3038	692	144	74	D	G	0.7545	337.2	2.70	444	29.3	324.4	2.60	
130	124	438	30.5	29.7	24.7	26.0	26.8	4.57	7.9	15.4	0.34	16.87	31.9	81	4.78	0.184	0.178	5.8	0.45	3075	692	144	74	D	G	0.7841	343.4	2.64	436	29.8	330.6	2.54	
135	129	430	30.9	30.1	25.0	26.3	27.1	4.62	7.9	15.5	0.33	17.24	32.3	80	4.82	0.183	0.178	5.8	0.46	3112	692	144	74	D	G	0.8128	349.5	2.59	428	30.2	336.6	2.49	
140	134	423	31.4	30.6	25.3	26.5	27.3	4.67	8.0	15.7	0.33	17.60	32.7	80	4.86	0.183	0.178	5.8	0.47	3147	692	144	74	D	G	0.8407	355.6	2.54	422	30.6	342.7	2.45	
145	139	417	31.8	31.0	25.5	26.8	27.6	4.71	8.0	15.9	0.33	17.94	33.0	80	4.90	0.183	0.178	5.9	0.48	3181	692	145	75	D	G	0.8678	361.9	2.50	416	31.0	348.8	2.41	
150	144	411	32.2	31.4	25.8	27.0	27.8	4.76	8.0	16.0	0.33	18.27	33.4	79	4.93	0.182	0.178	5.9	0.49	3214	692	145	75	D	G	0.8941	367.5	2.45	410	31.4	354.3	2.36	



Title = Ecosite Category 3 (Mesic - Medium), Spacing 3.0 m

User Name = Dick Dempster
Yield Table ID = DD1208816

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial
Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 18.7 m @ 50 yrs bhage

Initial Density = 1111 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim
0	*	1111	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	3.00	3933.675	3931.234	*	*	*	873	*	*	*	G	*			0	*	0.0	0.00
5	*	1110	*	*	0.9	1.0	1.0	*	*	*	*	*	0.0	*	3.00	2.951	2.875	*	*	*	873	*	*	*	G	*			0	*	0.0	0.00
10	4	1104	3.6	3.4	2.4	2.9	3.1	1.12	2.6	0.4	0.86	1.01	1.1	97	3.01	1.025	0.984	0.6	0.01	265	873	22	11	A	G	0.0016	1.8	0.18	0	*	0.0	0.00
15	9	1092	6.3	6.0	4.2	5.1	5.3	1.52	3.9	1.4	0.72	1.90	3.4	96	3.03	0.596	0.567	1.4	0.03	507	873	44	21	A	G	0.0090	9.9	0.66	4	12.7	0.1	0.01
20	14	1074	8.6	8.1	6.0	7.2	7.6	1.85	4.6	2.7	0.62	2.82	6.3	97	3.05	0.425	0.402	2.1	0.07	779	873	64	30	B	G	0.0232	24.9	1.25	97	13.6	5.6	0.28
25	19	1050	10.6	10.0	7.7	9.2	9.7	2.12	5.1	4.1	0.55	3.72	9.3	97	3.09	0.337	0.318	2.9	0.10	1056	873	82	39	B	G	0.0433	45.5	1.82	289	14.4	22.5	0.90
30	24	1021	12.3	11.7	9.4	11.0	11.6	2.35	5.4	5.4	0.50	4.58	12.2	97	3.13	0.286	0.270	3.5	0.14	1322	873	97	47	B	G	0.0679	69.3	2.31	465	15.2	46.6	1.55
35	29	987	13.9	13.2	10.9	12.6	13.3	2.56	5.6	6.5	0.46	5.40	15.0	97	3.18	0.253	0.239	4.0	0.17	1568	873	110	53	C	G	0.0958	94.5	2.70	589	16.0	73.5	2.10
40	34	951	15.3	14.6	12.2	14.0	14.9	2.74	5.8	7.5	0.43	6.19	17.4	96	3.24	0.231	0.218	4.5	0.20	1789	873	121	59	C	G	0.1262	120.0	3.00	667	16.8	100.7	2.52
45	39	912	16.6	15.8	13.5	15.4	16.2	2.90	6.0	8.5	0.41	6.94	19.6	95	3.31	0.216	0.204	4.8	0.23	1983	873	129	63	C	G	0.1585	144.6	3.21	708	17.7	126.7	2.82
50	44	873	17.7	17.0	14.7	16.5	17.5	3.06	6.1	9.3	0.39	7.66	21.6	94	3.38	0.205	0.194	5.1	0.26	2152	873	136	67	C	G	0.1922	167.8	3.36	726	18.5	151.2	3.02
55	49	833	18.8	18.1	15.7	17.6	18.6	3.19	6.3	10.0	0.38	8.35	23.2	93	3.46	0.197	0.187	5.3	0.28	2297	873	141	70	C	G	0.2270	189.1	3.44	726	19.4	173.4	3.15
60	54	795	19.9	19.1	16.7	18.6	19.5	3.32	6.4	10.7	0.37	9.03	24.6	92	3.55	0.191	0.182	5.5	0.30	2422	873	145	72	D	G	0.2627	208.8	3.48	716	20.2	193.7	3.23
65	59	759	20.8	20.1	17.6	19.4	20.4	3.44	6.5	11.2	0.36	9.68	25.9	92	3.63	0.187	0.178	5.7	0.32	2528	873	148	73	D	G	0.2989	226.9	3.49	701	21.0	212.3	3.27
70	64	724	21.8	21.0	18.4	20.2	21.2	3.56	6.6	11.8	0.36	10.31	26.9	91	3.72	0.184	0.175	5.8	0.33	2619	873	149	75	D	G	0.3355	242.9	3.47	680	21.7	228.6	3.27
75	69	692	22.6	21.9	19.1	20.9	21.9	3.66	6.7	12.2	0.35	10.92	27.8	90	3.80	0.181	0.173	5.9	0.35	2698	873	151	76	D	G	0.3723	257.6	3.43	659	22.5	243.6	3.25
80	74	662	23.5	22.7	19.8	21.6	22.6	3.76	6.8	12.7	0.35	11.51	28.6	89	3.89	0.180	0.172	5.9	0.36	2766	873	152	76	D	G	0.4090	270.8	3.38	637	23.2	257.0	3.21
85	79	634	24.3	23.5	20.5	22.2	23.2	3.85	6.9	13.1	0.34	12.07	29.3	88	3.97	0.179	0.171	5.9	0.38	2826	873	152	77	D	G	0.4456	282.5	3.32	614	23.9	268.9	3.16
90	84	609	25.0	24.2	21.0	22.8	23.7	3.94	7.0	13.4	0.34	12.63	29.9	87	4.05	0.178	0.171	6.0	0.39	2879	873	152	77	D	G	0.4819	293.5	3.26	594	24.6	280.0	3.11
95	89	586	25.7	25.0	21.6	23.3	24.2	4.03	7.1	13.7	0.34	13.16	30.4	86	4.13	0.178	0.171	6.0	0.40	2926	873	152	77	D	G	0.5177	303.4	3.19	574	25.3	289.9	3.05
100	94	565	26.4	25.6	22.1	23.7	24.7	4.11	7.2	14.0	0.34	13.67	30.9	86	4.21	0.177	0.170	6.0	0.41	2969	873	152	77	D	G	0.5530	312.4	3.12	555	25.9	299.0	2.99
105	99	546	27.0	26.3	22.5	24.2	25.1	4.18	7.3	14.3	0.33	14.16	31.3	85	4.28	0.177	0.171	6.0	0.42	3009	873	152	77	D	G	0.5876	320.8	3.06	538	26.5	307.4	2.93
110	104	529	27.7	26.9	23.0	24.6	25.5	4.25	7.4	14.6	0.33	14.63	31.8	84	4.35	0.177	0.171	6.0	0.43	3046	873	152	77	D	G	0.6216	328.8	2.99	523	27.1	315.4	2.87
115	109	513	28.2	27.5	23.4	24.9	25.8	4.32	7.5	14.8	0.33	15.09	32.1	84	4.42	0.177	0.171	6.0	0.44	3081	873	152	77	D	G	0.6547	335.9	2.92	508	27.6	322.5	2.80
120	114	498	28.8	28.0	23.7	25.3	26.2	4.38	7.5	15.0	0.33	15.53	32.4	83	4.48	0.177	0.171	6.0	0.45	3114	873	151	77	D	G	0.6870	342.1	2.85	494	28.2	328.7	2.74
125	119	485	29.3	28.6	24.1	25.6	26.5	4.44	7.6	15.2	0.33	15.95	32.7	83	4.54	0.177	0.171	6.0	0.46	3146	873	151	77	D	G	0.7184	348.4	2.79	482	28.7	335.1	2.68
130	124	474	29.8	29.1	24.4	25.9	26.8	4.50	7.7	15.4	0.33	16.36	33.1	82	4.59	0.177	0.171	6.1	0.46	3176	873	151	78	D	G	0.7491	355.1	2.73	471	29.2	341.6	2.63
135	129	463	30.3	29.5	24.7	26.2	27.1	4.55	7.7	15.6	0.33	16.74	33.4	81	4.65	0.177	0.172	6.1	0.47	3206	873	151	78	D	G	0.7788	360.6	2.67	461	29.6	347.2	2.57
140	134	453	30.8	30.0	25.0	26.5	27.3	4.60	7.8	15.7	0.33	17.12	33.7	81	4.70	0.178	0.172	6.1	0.48	3235	873	151	78	D	G	0.8077	365.9	2.61	451	30.1	352.4	2.52
145	139	444	31.2	30.4	25.3	26.7	27.6	4.65	7.8	15.9	0.33	17.48	33.9	80	4.75	0.178	0.172	6.1	0.49	3264	873	151	78	D	G	0.8358	371.1	2.56	442	30.5	357.5	2.47
150	144	436	31.6	30.8	25.6	26.9	27.8	4.70	7.9	16.0	0.33	17.82	34.2	80	4.79	0.178	0.172	6.1	0.50	3292	873	151	78	D	G	0.8630	376.3	2.51	435	30.9	362.7	2.42



Title = Ecosite Category 3 (Mesic - Medium), Spacing 2.5 m

User Name = Dick Dempster
Yield Table ID = DD1208819

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 18.7 m @ 50 yrs bhage

Initial Density = 1600 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	1600	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	2.50	3278.021	3275.865	*	*	*	1139	*	*	*	G	*				0	*	0.0	0.00
5	*	1597	*	*	0.8	1.0	1.0	*	*	*	*	*	0.0	*	2.50	2.464	2.397	*	*	*	1139	*	*	*	G	*				0	*	0.0	0.00
10	4	1584	3.2	3.0	2.4	2.9	3.1	1.06	2.5	0.4	0.84	0.91	1.3	104	2.51	0.858	0.821	0.7	0.01	349	1139	28	14	A	G	0.0012	2.0	0.20	0	*	0.0	0.00	
15	9	1560	5.7	5.4	4.1	5.1	5.3	1.43	3.6	1.5	0.70	1.69	4.0	101	2.53	0.500	0.474	1.7	0.04	638	1139	55	26	A	G	0.0071	11.1	0.74	0	*	0.0	0.00	
20	14	1523	7.9	7.4	5.9	7.2	7.6	1.74	4.2	2.8	0.60	2.49	7.4	101	2.56	0.358	0.338	2.6	0.08	959	1139	80	38	B	G	0.0185	28.1	1.41	65	13.3	3.5	0.18	
25	19	1475	9.7	9.1	7.6	9.1	9.7	1.99	4.6	4.1	0.52	3.29	10.9	102	2.60	0.286	0.269	3.5	0.12	1281	1139	102	48	B	G	0.0347	51.2	2.05	266	13.9	19.0	0.76	
30	24	1416	11.3	10.7	9.2	10.9	11.6	2.21	4.9	5.4	0.47	4.06	14.2	101	2.66	0.244	0.229	4.2	0.16	1584	1139	120	57	C	G	0.0550	77.9	2.60	496	14.6	44.9	1.50	
35	29	1351	12.8	12.1	10.7	12.5	13.3	2.41	5.1	6.5	0.43	4.80	17.3	101	2.72	0.217	0.204	4.8	0.20	1857	1139	135	65	C	G	0.0785	106.0	3.03	678	15.3	75.2	2.15	
40	34	1282	14.1	13.5	12.0	14.0	14.9	2.59	5.3	7.5	0.41	5.53	20.0	100	2.79	0.200	0.188	5.3	0.24	2095	1139	146	71	D	G	0.1045	134.0	3.35	798	16.1	106.2	2.66	
45	39	1210	15.3	14.7	13.3	15.3	16.2	2.75	5.5	8.4	0.39	6.23	22.4	99	2.87	0.188	0.177	5.7	0.27	2298	1139	155	75	D	G	0.1327	160.5	3.57	864	16.8	135.7	3.02	
50	44	1139	16.5	15.8	14.4	16.5	17.5	2.90	5.6	9.2	0.37	6.92	24.4	98	2.96	0.180	0.170	6.0	0.29	2467	1139	161	79	D	G	0.1627	185.3	3.71	892	17.6	162.9	3.26	
55	49	1071	17.6	16.9	15.4	17.5	18.6	3.04	5.8	10.0	0.36	7.59	26.1	97	3.06	0.174	0.165	6.2	0.32	2608	1139	166	81	D	G	0.1942	208.0	3.78	894	18.4	187.6	3.41	
60	54	1006	18.6	18.0	16.4	18.5	19.5	3.18	5.9	10.6	0.35	8.25	27.5	95	3.15	0.171	0.161	6.4	0.34	2723	1139	168	83	D	G	0.2271	228.4	3.81	878	19.2	209.5	3.49	
65	59	945	19.6	18.9	17.3	19.3	20.4	3.30	6.0	11.2	0.35	8.89	28.6	94	3.25	0.168	0.159	6.5	0.35	2818	1139	170	84	D	G	0.2610	246.6	3.79	852	19.9	228.8	3.52	
70	64	889	20.6	19.9	18.1	20.1	21.2	3.42	6.2	11.7	0.34	9.52	29.6	93	3.35	0.167	0.158	6.5	0.37	2895	1139	170	85	D	G	0.2957	262.9	3.76	820	20.7	245.9	3.51	
75	69	838	21.5	20.8	18.8	20.8	21.9	3.53	6.3	12.2	0.34	10.13	30.4	92	3.45	0.166	0.158	6.6	0.38	2959	1139	170	85	D	G	0.3310	277.4	3.70	787	21.5	261.1	3.48	
80	74	792	22.4	21.6	19.5	21.5	22.6	3.63	6.4	12.7	0.33	10.73	31.1	91	3.55	0.165	0.157	6.6	0.40	3012	1139	170	85	D	G	0.3667	290.4	3.63	754	22.2	274.7	3.43	
85	79	750	23.2	22.5	20.1	22.1	23.2	3.73	6.6	13.1	0.33	11.31	31.6	90	3.65	0.165	0.158	6.6	0.41	3057	1139	169	85	D	G	0.4026	301.9	3.55	721	23.0	286.5	3.37	
90	84	712	24.0	23.2	20.7	22.6	23.7	3.82	6.7	13.4	0.33	11.87	32.1	89	3.75	0.166	0.158	6.6	0.42	3096	1139	168	85	D	G	0.4384	312.2	3.47	690	23.7	297.1	3.30	
95	89	678	24.7	24.0	21.2	23.1	24.2	3.91	6.8	13.7	0.33	12.42	32.5	88	3.84	0.166	0.159	6.5	0.42	3129	1139	167	84	D	G	0.4741	321.4	3.38	661	24.3	306.6	3.23	
100	94	648	25.4	24.7	21.7	23.6	24.7	4.00	6.9	14.1	0.33	12.95	32.9	88	3.93	0.166	0.159	6.5	0.43	3159	1139	166	84	D	G	0.5094	330.1	3.30	634	25.0	315.4	3.15	
105	99	620	26.1	25.4	22.2	24.0	25.1	4.08	7.0	14.3	0.33	13.46	33.2	87	4.02	0.167	0.160	6.5	0.44	3187	1139	165	83	D	G	0.5443	337.5	3.21	609	25.6	323.0	3.08	
110	104	596	26.8	26.0	22.6	24.4	25.5	4.15	7.1	14.6	0.32	13.95	33.5	86	4.10	0.168	0.161	6.5	0.45	3212	1139	164	83	D	G	0.5787	344.9	3.14	587	26.3	330.5	3.00	
115	109	574	27.4	26.6	23.0	24.8	25.8	4.22	7.2	14.8	0.32	14.43	33.8	85	4.17	0.168	0.161	6.5	0.46	3236	1139	163	83	D	G	0.6124	351.5	3.06	567	26.8	337.2	2.93	
120	114	554	28.0	27.2	23.4	25.2	26.2	4.29	7.3	15.0	0.32	14.89	34.0	85	4.25	0.169	0.162	6.4	0.47	3259	1139	162	82	D	G	0.6454	357.5	2.98	548	27.4	343.3	2.86	
125	119	536	28.5	27.8	23.8	25.5	26.5	4.35	7.4	15.2	0.32	15.33	34.3	84	4.32	0.169	0.163	6.4	0.47	3282	1139	161	82	D	G	0.6776	363.2	2.91	531	27.9	349.0	2.79	
130	124	520	29.1	28.3	24.1	25.8	26.8	4.41	7.4	15.4	0.32	15.76	34.5	83	4.39	0.170	0.164	6.4	0.48	3304	1139	160	82	D	G	0.7091	368.7	2.84	516	28.5	354.5	2.73	
135	129	505	29.6	28.8	24.4	26.1	27.1	4.47	7.5	15.6	0.32	16.17	34.7	83	4.45	0.171	0.164	6.4	0.49	3326	1139	159	82	D	G	0.7397	373.6	2.77	502	28.9	359.4	2.66	
140	134	492	30.1	29.3	24.7	26.3	27.3	4.53	7.6	15.8	0.32	16.56	34.9	82	4.51	0.171	0.165	6.4	0.50	3348	1139	159	81	D	G	0.7696	378.6	2.70	489	29.4	364.5	2.60	
145	139	480	30.5	29.8	25.0	26.6	27.6	4.58	7.6	15.9	0.32	16.94	35.2	82	4.56	0.172	0.166	6.4	0.50	3369	1139	158	81	D	G	0.7986	383.3	2.64	478	29.9	369.2	2.55	
150	144	469	31.0	30.2	25.2	26.8	27.8	4.63	7.7	16.1	0.32	17.30	35.4	81	4.62	0.172	0.166	6.4	0.51	3391	1139	158	81	D	G	0.8268	387.8	2.59	467	30.3	373.6	2.49	



Title = Ecosite Category 3 (Mesic - Medium), Spacing 2.0 m

User Name = Dick Dempster
Yield Table ID = DD1208821

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 18.7 m @ 50 yrs bhage

Initial Density = 2500 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	2500	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	2.00	2622.545	2620.692	*	*	*	1572	*	*	*	G	*				0	*	0.0	0.00
5	*	2493	*	*	0.8	1.0	1.0	*	*	*	*	*	0.0	*	2.00	1.976	1.918	*	*	*	1572	*	*	*	G	*				0	*	0.0	0.00
10	4	2465	2.8	2.7	2.3	2.9	3.1	1.01	2.3	0.5	0.82	0.81	1.6	112	2.01	0.690	0.658	0.9	0.02	494	1572	38	20	A	G	0.0009	2.3	0.23	0	*	0.0	0.00	
15	9	2411	5.1	4.8	4.0	5.0	5.3	1.34	3.2	1.5	0.67	1.47	4.9	107	2.04	0.404	0.382	2.2	0.05	854	1572	73	35	B	G	0.0053	12.8	0.85	0	*	0.0	0.00	
20	14	2330	7.0	6.6	5.7	7.1	7.6	1.61	3.8	2.8	0.57	2.15	9.0	107	2.07	0.291	0.273	3.4	0.10	1246	1572	105	50	C	G	0.0139	32.5	1.62	29	13.0	1.5	0.07	
25	19	2227	8.7	8.2	7.4	9.1	9.7	1.85	4.1	4.1	0.49	2.84	13.1	107	2.12	0.234	0.219	4.5	0.15	1630	1572	133	63	C	G	0.0265	59.1	2.36	203	13.5	13.3	0.53	
30	24	2106	10.2	9.6	8.9	10.8	11.6	2.06	4.4	5.3	0.44	3.51	17.1	106	2.18	0.201	0.188	5.4	0.20	1983	1572	155	74	D	G	0.0425	89.5	2.98	482	14.0	39.1	1.30	
35	29	1974	11.5	11.0	10.4	12.4	13.3	2.25	4.6	6.5	0.41	4.18	20.6	105	2.25	0.181	0.169	6.1	0.24	2290	1572	172	82	D	G	0.0614	121.3	3.46	747	14.6	73.0	2.09	
40	34	1838	12.8	12.2	11.7	13.9	14.9	2.42	4.7	7.5	0.38	4.83	23.7	104	2.33	0.168	0.157	6.6	0.28	2547	1572	184	89	D	G	0.0829	152.4	3.81	943	15.2	109.2	2.73	
45	39	1702	14.0	13.4	12.9	15.2	16.2	2.58	4.9	8.3	0.36	5.48	26.2	103	2.42	0.160	0.149	7.0	0.32	2756	1572	193	93	D	G	0.1067	181.6	4.04	1061	15.9	143.8	3.20	
50	44	1572	15.1	14.5	14.0	16.3	17.5	2.73	5.0	9.2	0.35	6.13	28.3	101	2.52	0.154	0.144	7.3	0.35	2922	1572	198	96	D	G	0.1326	208.4	4.17	1117	16.6	175.6	3.51	
55	49	1450	16.2	15.6	15.1	17.4	18.6	2.87	5.2	9.9	0.34	6.76	30.0	100	2.63	0.151	0.142	7.4	0.37	3052	1572	201	98	D	G	0.1603	232.5	4.23	1128	17.3	203.7	3.70	
60	54	1338	17.3	16.6	16.0	18.3	19.5	3.01	5.4	10.5	0.33	7.39	31.3	99	2.73	0.149	0.140	7.5	0.39	3152	1572	202	99	D	G	0.1898	253.9	4.23	1109	18.1	228.2	3.80	
65	59	1236	18.3	17.6	16.9	19.2	20.4	3.13	5.5	11.1	0.33	8.02	32.4	98	2.84	0.148	0.139	7.6	0.40	3227	1572	201	99	D	G	0.2207	272.7	4.20	1072	18.8	249.4	3.84	
70	64	1144	19.2	18.6	17.7	20.0	21.2	3.25	5.7	11.7	0.32	8.64	33.2	96	2.96	0.148	0.139	7.6	0.42	3284	1572	200	99	D	G	0.2527	289.1	4.13	1026	19.6	267.7	3.82	
75	69	1062	20.2	19.5	18.4	20.7	21.9	3.37	5.8	12.2	0.32	9.24	33.9	95	3.07	0.148	0.140	7.5	0.43	3326	1572	198	98	D	G	0.2858	303.5	4.05	976	20.3	283.5	3.78	
80	74	989	21.0	20.4	19.1	21.3	22.6	3.48	6.0	12.6	0.32	9.84	34.4	94	3.18	0.149	0.141	7.5	0.44	3358	1572	196	97	D	G	0.3197	316.1	3.95	925	21.1	297.1	3.71	
85	79	924	21.9	21.2	19.7	21.9	23.2	3.58	6.1	13.0	0.32	10.42	34.8	93	3.29	0.150	0.142	7.4	0.45	3382	1572	193	96	D	G	0.3540	327.1	3.85	877	21.8	309.0	3.64	
90	84	867	22.7	22.0	20.2	22.5	23.7	3.68	6.2	13.4	0.32	10.99	35.1	92	3.40	0.151	0.143	7.4	0.45	3400	1572	190	95	D	G	0.3887	337.0	3.74	831	22.5	319.5	3.55	
95	89	816	23.5	22.8	20.8	23.0	24.2	3.77	6.4	13.7	0.31	11.55	35.4	91	3.50	0.152	0.145	7.3	0.46	3414	1572	188	94	D	G	0.4235	345.6	3.64	789	23.2	328.6	3.46	
100	94	771	24.2	23.5	21.3	23.4	24.7	3.86	6.5	14.0	0.31	12.09	35.6	90	3.60	0.154	0.146	7.2	0.47	3427	1572	185	93	D	G	0.4582	353.3	3.53	750	23.9	336.8	3.37	
105	99	731	25.0	24.3	21.7	23.9	25.1	3.94	6.6	14.3	0.31	12.61	35.8	89	3.70	0.155	0.147	7.2	0.47	3437	1572	183	92	D	G	0.4928	360.2	3.43	715	24.6	344.1	3.28	
110	104	696	25.6	24.9	22.2	24.3	25.5	4.02	6.7	14.6	0.31	13.12	36.0	88	3.79	0.156	0.149	7.1	0.48	3447	1572	181	91	D	G	0.5270	366.8	3.33	683	25.2	350.9	3.19	
115	109	664	26.3	25.6	22.6	24.6	25.8	4.10	6.8	14.8	0.31	13.62	36.1	87	3.88	0.157	0.150	7.0	0.49	3456	1572	178	90	D	G	0.5608	372.4	3.24	654	25.8	356.7	3.10	
120	114	636	26.9	26.2	22.9	25.0	26.2	4.17	6.9	15.0	0.31	14.09	36.2	86	3.97	0.159	0.151	7.0	0.49	3466	1572	176	90	D	G	0.5941	377.8	3.15	628	26.4	362.3	3.02	
125	119	610	27.5	26.8	23.3	25.3	26.5	4.24	7.0	15.2	0.31	14.55	36.3	86	4.05	0.160	0.153	6.9	0.50	3476	1572	174	89	D	G	0.6267	382.3	3.06	603	27.0	366.9	2.94	
130	124	588	28.1	27.4	23.6	25.6	26.8	4.31	7.1	15.4	0.31	15.00	36.5	85	4.12	0.161	0.154	6.9	0.50	3486	1572	173	88	D	G	0.6588	387.4	2.98	583	27.5	372.2	2.86	
135	129	568	28.6	27.9	23.9	25.9	27.1	4.37	7.2	15.6	0.31	15.43	36.6	84	4.20	0.162	0.155	6.8	0.51	3497	1572	171	88	D	G	0.6901	392.0	2.90	564	28.0	376.9	2.79	
140	134	549	29.2	28.4	24.2	26.2	27.3	4.43	7.3	15.8	0.31	15.84	36.7	84	4.27	0.163	0.156	6.8	0.52	3509	1572	170	87	D	G	0.7207	395.6	2.83	545	28.6	380.6	2.72	
145	139	533	29.7	28.9	24.5	26.4	27.6	4.48	7.4	15.9	0.31	16.24	36.8	83	4.33	0.164	0.157	6.8	0.52	3521	1572	169	87	D	G	0.7505	400.0	2.76	530	29.0	385.1	2.66	
150	144	518	30.1	29.4	24.8	26.6	27.8	4.54	7.4	16.1	0.31	16.62	37.0	82	4.39	0.165	0.158	6.7	0.53	3534	1572	168	86	D	G	0.7796	403.9	2.69	516	29.5	389.0	2.59	



Title = Ecosite Category 3 (Mesic - Medium), Spacing 1.5 m

User Name = Dick Dempster
Yield Table ID = DD1208823

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 18.7 m @ 50 yrs bhage

Initial Density = 4444 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	4444	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	1.50	1967.143	1965.617	*	*	*	2384	*	*	*	G	*				0	*	0.0	0.00
5	*	4427	*	*	0.8	1.0	1.0	*	*	*	*	*	0.0	*	1.50	1.487	1.440	*	*	*	2384	*	*	*	G	*				0	*	0.0	0.00
10	4	4355	2.4	2.3	2.3	2.9	3.1	0.94	2.0	0.5	0.79	0.71	2.0	124	1.52	0.521	0.495	1.3	0.02	785	2384	57	31	B	G	0.0006	2.8	0.28	0	*	0.0	0.00	
15	9	4220	4.4	4.1	3.9	5.0	5.3	1.23	2.8	1.6	0.63	1.24	6.3	115	1.54	0.307	0.288	3.0	0.07	1261	2384	106	52	C	G	0.0036	15.3	1.02	0	*	0.0	0.00	
20	14	4024	6.0	5.7	5.5	7.1	7.6	1.48	3.2	2.8	0.53	1.79	11.5	114	1.58	0.223	0.208	4.7	0.13	1767	2384	151	72	D	G	0.0097	38.9	1.95	6	12.6	0.3	0.01	
25	19	3778	7.5	7.1	7.1	9.0	9.7	1.69	3.5	4.1	0.45	2.36	16.8	113	1.63	0.181	0.168	6.1	0.20	2247	2384	187	89	D	G	0.0187	70.6	2.82	98	13.1	5.9	0.24	
30	24	3500	8.9	8.4	8.6	10.7	11.6	1.89	3.7	5.3	0.41	2.93	21.6	112	1.69	0.157	0.146	7.3	0.26	2670	2384	216	103	D	G	0.0304	106.5	3.55	364	13.5	26.4	0.88	
35	29	3208	10.1	9.6	10.0	12.3	13.3	2.06	3.9	6.3	0.37	3.50	25.9	111	1.77	0.143	0.132	8.1	0.31	3020	2384	236	112	D	G	0.0447	143.3	4.09	721	13.9	61.4	1.76	
40	34	2917	11.3	10.8	11.2	13.8	14.9	2.23	4.0	7.3	0.35	4.08	29.4	109	1.85	0.135	0.125	8.7	0.36	3297	2384	249	119	D	G	0.0613	178.8	4.47	1046	14.4	103.6	2.59	
45	39	2640	12.5	11.9	12.4	15.0	16.2	2.38	4.2	8.2	0.34	4.66	32.2	108	1.95	0.129	0.120	9.1	0.40	3506	2384	256	123	D	G	0.0802	211.7	4.71	1281	14.9	146.5	3.25	
50	44	2384	13.5	13.0	13.5	16.2	17.5	2.53	4.4	9.0	0.32	5.24	34.4	106	2.05	0.127	0.117	9.3	0.43	3659	2384	259	125	D	G	0.1013	241.4	4.83	1417	15.5	186.1	3.72	
55	49	2152	14.6	14.0	14.5	17.2	18.6	2.67	4.5	9.7	0.32	5.83	36.1	104	2.16	0.125	0.116	9.4	0.45	3766	2384	259	125	D	G	0.1243	267.6	4.86	1471	16.2	220.9	4.02	
60	54	1945	15.6	15.0	15.4	18.2	19.5	2.80	4.7	10.3	0.31	6.42	37.3	103	2.27	0.125	0.116	9.4	0.47	3837	2384	256	125	D	G	0.1493	290.4	4.84	1466	16.8	250.6	4.18	
65	59	1762	16.6	16.0	16.2	19.0	20.4	2.93	4.9	10.9	0.31	7.01	38.2	102	2.38	0.125	0.117	9.4	0.48	3880	2384	253	123	D	G	0.1759	310.0	4.77	1425	17.5	275.6	4.24	
70	64	1602	17.6	17.0	17.0	19.8	21.2	3.05	5.0	11.5	0.30	7.59	38.9	100	2.50	0.126	0.118	9.3	0.49	3903	2384	248	122	D	G	0.2041	327.0	4.67	1363	18.2	296.6	4.24	
75	69	1462	18.5	17.9	17.7	20.5	21.9	3.17	5.2	12.0	0.30	8.17	39.3	99	2.62	0.128	0.119	9.1	0.50	3911	2384	243	120	D	G	0.2335	341.4	4.55	1291	19.0	314.2	4.19	
80	74	1340	19.4	18.8	18.4	21.1	22.6	3.28	5.4	12.4	0.30	8.75	39.6	98	2.73	0.129	0.121	9.0	0.51	3910	2384	237	117	D	G	0.2641	353.9	4.42	1216	19.7	328.9	4.11	
85	79	1234	20.3	19.6	19.0	21.7	23.2	3.39	5.5	12.9	0.30	9.32	39.8	96	2.85	0.131	0.123	8.8	0.51	3902	2384	232	115	D	G	0.2955	364.6	4.29	1143	20.4	341.4	4.02	
90	84	1141	21.1	20.4	19.5	22.2	23.7	3.49	5.7	13.3	0.30	9.88	39.9	95	2.96	0.133	0.125	8.7	0.52	3890	2384	226	113	D	G	0.3276	373.8	4.15	1074	21.1	352.0	3.91	
95	89	1060	21.9	21.2	20.1	22.7	24.2	3.58	5.8	13.6	0.30	10.43	39.9	94	3.07	0.135	0.127	8.5	0.52	3876	2384	221	111	D	G	0.3601	381.7	4.02	1009	21.8	361.0	3.80	
100	94	989	22.7	22.0	20.6	23.2	24.7	3.68	6.0	13.9	0.30	10.97	39.9	93	3.18	0.137	0.129	8.4	0.52	3861	2384	217	108	D	G	0.3930	388.7	3.89	951	22.5	368.9	3.69	
105	99	927	23.4	22.7	21.0	23.6	25.1	3.77	6.1	14.2	0.30	11.49	39.9	92	3.28	0.139	0.131	8.2	0.53	3846	2384	212	107	D	G	0.4260	394.9	3.76	898	23.1	375.8	3.58	
110	104	872	24.1	23.4	21.4	24.0	25.5	3.85	6.2	14.5	0.30	12.01	39.8	91	3.39	0.141	0.133	8.1	0.53	3832	2384	208	105	D	G	0.4590	400.2	3.64	849	23.8	381.7	3.47	
115	109	823	24.8	24.1	21.8	24.4	25.8	3.93	6.4	14.8	0.30	12.51	39.8	90	3.49	0.143	0.135	8.0	0.53	3819	2384	204	103	D	G	0.4918	404.8	3.52	805	24.4	386.7	3.36	
120	114	780	25.5	24.8	22.2	24.7	26.2	4.01	6.5	15.0	0.30	12.99	39.7	89	3.58	0.145	0.137	7.9	0.54	3807	2384	200	101	D	G	0.5245	409.1	3.41	766	25.0	391.4	3.26	
125	119	742	26.1	25.4	22.6	25.1	26.5	4.08	6.6	15.2	0.30	13.46	39.7	88	3.67	0.147	0.139	7.8	0.54	3798	2384	197	100	D	G	0.5567	413.1	3.30	731	25.6	395.8	3.17	
130	124	708	26.7	26.0	22.9	25.4	26.8	4.15	6.7	15.4	0.30	13.92	39.6	87	3.76	0.148	0.140	7.7	0.54	3790	2384	194	99	D	G	0.5886	416.7	3.21	699	26.2	399.7	3.07	
135	129	678	27.3	26.6	23.2	25.6	27.1	4.22	6.8	15.6	0.30	14.37	39.6	87	3.84	0.150	0.142	7.6	0.55	3784	2384	191	97	D	G	0.6200	420.4	3.11	671	26.7	403.6	2.99	
140	134	651	27.8	27.1	23.5	25.9	27.3	4.28	6.9	15.8	0.30	14.80	39.6	86	3.92	0.151	0.143	7.5	0.55	3780	2384	189	96	D	G	0.6509	423.7	3.03	645	27.3	407.1	2.91	
145	139	626	28.4	27.7	23.8	26.1	27.6	4.34	7.0	16.0	0.30	15.22	39.6	85	4.00	0.153	0.145	7.4	0.56	3778	2384	187	95	D	G	0.6811	426.4	2.94	621	27.8	410.0	2.83	
150	144	604	28.9	28.2	24.0	26.4	27.8	4.40	7.1	16.1	0.30	15.62	39.6	85	4.07	0.154	0.146	7.4	0.56	3777	2384	184	94	D	G	0.7108	429.3	2.86	600	28.3	413.1	2.75	



Title = Ecosite Category 4 (Subhygric - Rich), Spacing 3.5 m

User Name = Dick Dempster
Yield Table ID = DD1208834

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 20.6 m @ 50 yrs bhage

Initial Density = 816 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	816	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	3.50	3913.970	3911.174	*	*	*	673	*	*	*	S	*				0	*	0.0	0.00
5	*	815	*	*	1.0	1.2	1.2	*	*	*	*	*	0.0	*	3.50	2.953	2.870	*	*	*	673	*	*	*	S	*				0	*	0.0	0.00
10	5	812	4.6	4.3	2.8	3.4	3.6	1.26	3.1	0.6	0.84	1.30	1.3	92	3.51	1.032	0.987	0.6	0.01	249	673	22	11	A	S	0.0032	2.6	0.26	0	*	0.0	0.00	
15	10	805	7.7	7.3	4.8	5.8	6.2	1.72	4.5	1.8	0.70	2.45	3.8	93	3.52	0.604	0.572	1.4	0.04	494	673	41	20	A	S	0.0159	12.8	0.85	29	13.3	1.4	0.09	
20	15	794	10.4	9.8	6.9	8.2	8.7	2.09	5.3	3.4	0.60	3.61	6.7	94	3.55	0.432	0.408	2.1	0.07	771	673	60	29	A	S	0.0389	30.9	1.54	199	14.3	14.3	0.71	
25	20	780	12.6	12.0	8.8	10.4	11.0	2.39	5.8	4.9	0.53	4.73	9.8	94	3.58	0.344	0.325	2.8	0.11	1052	673	77	37	B	S	0.0701	54.7	2.19	376	15.4	37.9	1.52	
30	25	763	14.6	13.9	10.6	12.4	13.1	2.65	6.1	6.3	0.48	5.79	12.8	94	3.62	0.292	0.276	3.3	0.14	1323	673	91	44	B	S	0.1070	81.7	2.72	495	16.5	66.0	2.20	
35	30	742	16.3	15.6	12.3	14.2	15.0	2.87	6.3	7.6	0.45	6.79	15.5	93	3.67	0.259	0.245	3.8	0.18	1573	673	103	50	C	S	0.1478	109.7	3.13	563	17.6	95.2	2.72	
40	35	720	17.8	17.1	13.8	15.7	16.7	3.07	6.5	8.7	0.42	7.72	18.0	93	3.73	0.237	0.224	4.3	0.21	1798	673	113	56	C	S	0.1911	137.6	3.44	599	18.6	123.9	3.10	
45	40	697	19.2	18.5	15.2	17.1	18.1	3.24	6.6	9.7	0.40	8.60	20.2	92	3.79	0.221	0.209	4.6	0.24	1999	673	121	60	C	S	0.2359	164.4	3.65	614	19.7	151.3	3.36	
50	45	673	20.5	19.7	16.5	18.4	19.4	3.40	6.7	10.5	0.39	9.43	22.2	91	3.85	0.209	0.199	4.9	0.27	2174	673	128	63	C	S	0.2815	189.5	3.79	615	20.7	176.6	3.53	
55	50	649	21.6	20.9	17.6	19.5	20.6	3.54	6.9	11.3	0.37	10.22	23.9	90	3.93	0.201	0.191	5.1	0.29	2328	673	133	66	C	S	0.3276	212.6	3.87	608	21.6	199.9	3.63	
60	55	625	22.7	22.0	18.6	20.6	21.6	3.67	7.0	12.0	0.36	10.97	25.3	89	4.00	0.195	0.185	5.3	0.32	2461	673	137	69	C	S	0.3737	233.6	3.89	595	22.6	220.9	3.68	
65	60	603	23.7	23.0	19.6	21.5	22.5	3.79	7.1	12.6	0.36	11.68	26.6	89	4.07	0.190	0.181	5.5	0.34	2577	673	140	70	D	S	0.4197	253.1	3.89	581	23.5	240.4	3.70	
70	65	581	24.6	23.9	20.4	22.3	23.3	3.90	7.2	13.1	0.35	12.37	27.7	88	4.15	0.186	0.178	5.6	0.36	2679	673	142	72	D	S	0.4651	270.2	3.86	565	24.3	257.5	3.68	
75	70	561	25.5	24.8	21.2	23.0	24.1	4.01	7.3	13.6	0.34	13.02	28.7	87	4.22	0.183	0.175	5.7	0.38	2768	673	144	73	D	S	0.5100	286.1	3.81	549	25.1	273.3	3.64	
80	75	542	26.3	25.6	21.9	23.7	24.7	4.10	7.3	14.0	0.34	13.64	29.6	86	4.30	0.181	0.174	5.8	0.39	2847	673	146	74	D	S	0.5541	300.3	3.75	533	25.9	287.5	3.59	
85	80	525	27.1	26.4	22.6	24.3	25.3	4.19	7.4	14.4	0.34	14.24	30.3	85	4.36	0.179	0.172	5.8	0.41	2918	673	147	75	D	S	0.5973	313.6	3.69	518	26.6	300.6	3.54	
90	85	508	27.9	27.1	23.2	24.9	25.9	4.28	7.5	14.8	0.33	14.80	31.0	85	4.44	0.178	0.171	5.9	0.42	2982	673	148	75	D	S	0.6393	324.8	3.61	503	27.3	311.8	3.46	
95	90	494	28.5	27.8	23.8	25.4	26.4	4.36	7.6	15.1	0.33	15.34	31.6	84	4.50	0.177	0.170	5.9	0.44	3040	673	148	76	D	S	0.6804	336.1	3.54	490	27.9	323.0	3.40	
100	95	480	29.2	28.5	24.3	25.9	26.9	4.43	7.7	15.4	0.33	15.86	32.1	83	4.56	0.176	0.170	5.9	0.45	3094	673	149	76	D	S	0.7202	345.7	3.46	477	28.6	332.5	3.33	
105	100	468	29.8	29.1	24.8	26.3	27.3	4.50	7.7	15.6	0.33	16.36	32.7	83	4.62	0.175	0.169	6.0	0.47	3144	673	149	77	D	S	0.7588	355.1	3.38	465	29.2	341.8	3.26	
110	105	457	30.4	29.6	25.2	26.7	27.7	4.57	7.8	15.9	0.33	16.83	33.1	82	4.68	0.175	0.169	6.0	0.48	3190	673	150	77	D	S	0.7962	363.9	3.31	455	29.7	350.5	3.19	
115	110	447	30.9	30.2	25.6	27.1	28.0	4.63	7.8	16.1	0.32	17.28	33.6	82	4.73	0.174	0.169	6.0	0.49	3234	673	150	77	D	S	0.8324	372.1	3.24	445	30.3	358.6	3.12	
120	115	437	31.5	30.7	26.0	27.5	28.4	4.69	7.9	16.3	0.32	17.70	34.0	81	4.78	0.174	0.169	6.1	0.50	3276	673	150	77	D	S	0.8672	379.0	3.16	436	30.8	365.5	3.05	
125	120	429	31.9	31.2	26.4	27.8	28.7	4.74	8.0	16.5	0.32	18.11	34.4	81	4.83	0.174	0.168	6.1	0.52	3316	673	151	78	D	S	0.9009	386.5	3.09	428	31.3	372.9	2.98	
130	125	421	32.4	31.7	26.7	28.1	29.0	4.79	8.0	16.7	0.32	18.51	34.7	80	4.87	0.173	0.168	6.1	0.53	3354	673	151	78	D	S	0.9334	393.0	3.02	420	31.7	379.3	2.92	
135	130	414	32.9	32.1	27.0	28.4	29.2	4.84	8.0	16.9	0.32	18.88	35.1	80	4.91	0.173	0.168	6.1	0.54	3391	673	151	78	D	S	0.9647	399.4	2.96	413	32.2	385.6	2.86	
140	135	408	33.3	32.5	27.3	28.7	29.5	4.89	8.1	17.0	0.32	19.24	35.5	79	4.95	0.173	0.168	6.2	0.55	3427	673	151	78	D	S	0.9950	406.0	2.90	408	32.5	392.1	2.80	
145	140	402	33.7	32.9	27.6	28.9	29.7	4.93	8.1	17.2	0.32	19.58	35.8	79	4.99	0.173	0.168	6.2	0.56	3462	673	152	79	D	S	1.0241	411.7	2.84	402	32.9	397.8	2.74	
150	145	397	34.1	33.3	27.8	29.1	30.0	4.97	8.1	17.3	0.32	19.91	36.2	79	5.02	0.172	0.168	6.2	0.58	3497	673	152	79	D	S	1.0523	417.8	2.79	397	33.3	403.8	2.69	



Title = Ecosite Category 4 (Subhygric - Rich), Spacing 3.0 m

User Name = Dick Dempster
Yield Table ID = DD1208838

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial
Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 20.6 m @ 50 yrs bhage

Initial Density = 1111 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	1111	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	3.00	3354.444	3351.932	*	*	*	840	*	*	*	S	*				0	*	0.0	0.00
5	*	1109	*	*	1.0	1.2	1.2	*	*	*	*	*	0.0	*	3.00	2.535	2.461	*	*	*	840	*	*	*	S	*				0	*	0.0	0.00
10	5	1102	4.2	3.9	2.8	3.4	3.6	1.21	2.9	0.6	0.83	1.18	1.5	97	3.01	0.888	0.848	0.7	0.01	310	840	26	13	A	S	0.0026	2.8	0.28	0	*	0.0	0.00	
15	10	1088	7.1	6.7	4.8	5.8	6.2	1.63	4.2	1.9	0.68	2.20	4.3	97	3.03	0.521	0.492	1.6	0.04	594	840	50	24	A	S	0.0130	14.2	0.95	17	13.1	0.8	0.05	
20	15	1067	9.6	9.1	6.8	8.2	8.7	1.98	4.9	3.4	0.58	3.24	7.7	98	3.06	0.374	0.352	2.5	0.08	912	840	73	35	B	S	0.0322	34.3	1.72	183	13.9	12.2	0.61	
25	20	1038	11.7	11.1	8.7	10.4	11.0	2.27	5.3	4.9	0.51	4.26	11.2	98	3.10	0.300	0.281	3.3	0.12	1230	840	92	44	B	S	0.0585	60.7	2.43	406	14.8	37.3	1.49	
30	25	1005	13.6	12.9	10.5	12.3	13.1	2.52	5.6	6.4	0.46	5.22	14.5	97	3.15	0.256	0.240	3.9	0.17	1531	840	109	52	C	S	0.0901	90.5	3.02	574	15.8	68.7	2.29	
35	30	966	15.2	14.5	12.1	14.1	15.0	2.73	5.8	7.6	0.43	6.14	17.5	97	3.22	0.228	0.214	4.5	0.20	1803	840	122	59	C	S	0.1255	121.3	3.46	676	16.8	101.5	2.90	
40	35	925	16.7	16.0	13.6	15.7	16.7	2.92	6.0	8.7	0.40	7.02	20.2	96	3.29	0.210	0.197	5.0	0.24	2043	840	133	65	C	S	0.1638	151.5	3.79	729	17.7	133.5	3.34	
45	40	882	18.0	17.3	15.0	17.1	18.1	3.10	6.1	9.7	0.38	7.86	22.5	95	3.37	0.197	0.186	5.3	0.27	2250	840	141	69	C	S	0.2041	180.0	4.00	748	18.7	163.3	3.63	
50	45	840	19.3	18.6	16.2	18.3	19.4	3.26	6.3	10.6	0.37	8.66	24.6	94	3.45	0.188	0.178	5.6	0.30	2426	840	147	73	D	S	0.2460	206.6	4.13	748	19.7	190.8	3.82	
55	50	798	20.5	19.8	17.3	19.5	20.6	3.40	6.4	11.3	0.36	9.44	26.3	93	3.54	0.182	0.172	5.8	0.33	2575	840	152	75	D	S	0.2889	230.6	4.19	734	20.6	215.4	3.92	
60	55	758	21.6	20.8	18.4	20.5	21.6	3.54	6.5	12.0	0.35	10.18	27.7	92	3.63	0.177	0.168	6.0	0.35	2701	840	155	77	D	S	0.3326	252.1	4.20	712	21.6	237.3	3.96	
65	60	721	22.6	21.9	19.3	21.4	22.5	3.66	6.7	12.6	0.34	10.90	28.9	91	3.72	0.174	0.166	6.1	0.37	2807	840	157	79	D	S	0.3767	271.6	4.18	688	22.4	257.1	3.96	
70	65	686	23.6	22.8	20.2	22.2	23.3	3.78	6.8	13.1	0.34	11.59	29.9	90	3.82	0.172	0.164	6.2	0.39	2897	840	158	80	D	S	0.4210	288.8	4.13	662	23.3	274.5	3.92	
75	70	654	24.5	23.8	21.0	22.9	24.1	3.89	6.9	13.6	0.33	12.26	30.8	89	3.91	0.170	0.163	6.2	0.40	2974	840	159	80	D	S	0.4651	304.2	4.06	636	24.2	290.0	3.87	
80	75	625	25.4	24.6	21.7	23.6	24.7	3.99	7.0	14.0	0.33	12.90	31.5	88	4.00	0.169	0.162	6.3	0.42	3040	840	159	81	D	S	0.5089	318.1	3.98	612	24.9	304.0	3.80	
85	80	599	26.2	25.5	22.3	24.2	25.3	4.09	7.1	14.4	0.33	13.51	32.2	87	4.09	0.169	0.161	6.3	0.43	3099	840	160	81	D	S	0.5522	330.7	3.89	589	25.7	316.7	3.73	
90	85	575	26.9	26.2	22.9	24.8	25.9	4.18	7.2	14.8	0.32	14.11	32.8	86	4.17	0.168	0.161	6.3	0.45	3151	840	160	81	D	S	0.5947	341.9	3.80	567	26.4	327.9	3.64	
95	90	553	27.7	27.0	23.5	25.3	26.4	4.26	7.3	15.1	0.32	14.67	33.3	86	4.25	0.168	0.161	6.3	0.46	3197	840	159	81	D	S	0.6363	351.8	3.70	547	27.1	337.8	3.56	
100	95	534	28.4	27.6	24.0	25.8	26.9	4.34	7.4	15.4	0.32	15.21	33.8	85	4.33	0.168	0.161	6.3	0.47	3240	840	159	81	D	S	0.6769	361.5	3.61	530	27.8	347.5	3.47	
105	100	516	29.0	28.3	24.5	26.2	27.3	4.41	7.5	15.7	0.32	15.73	34.1	84	4.40	0.168	0.161	6.3	0.48	3280	840	159	81	D	S	0.7165	369.7	3.52	512	28.4	355.6	3.39	
110	105	501	29.6	28.9	24.9	26.6	27.7	4.48	7.6	15.9	0.32	16.23	34.6	84	4.47	0.168	0.161	6.4	0.50	3317	840	159	81	D	S	0.7550	378.2	3.44	498	29.0	364.1	3.31	
115	110	486	30.2	29.5	25.3	27.0	28.0	4.55	7.6	16.1	0.32	16.70	34.9	83	4.54	0.168	0.162	6.3	0.51	3352	840	158	81	D	S	0.7922	385.0	3.35	484	29.6	370.9	3.23	
120	115	473	30.8	30.1	25.7	27.4	28.4	4.61	7.7	16.3	0.32	17.16	35.2	82	4.60	0.168	0.162	6.3	0.52	3386	840	158	81	D	S	0.8282	391.8	3.26	471	30.1	377.6	3.15	
125	120	462	31.3	30.6	26.1	27.7	28.7	4.67	7.8	16.5	0.32	17.59	35.6	82	4.65	0.168	0.162	6.4	0.53	3419	840	158	81	D	S	0.8632	398.8	3.19	461	30.6	384.7	3.08	
130	125	451	31.8	31.1	26.4	28.0	29.0	4.73	7.8	16.7	0.32	18.00	35.8	81	4.71	0.168	0.163	6.4	0.54	3450	840	157	81	D	S	0.8969	404.5	3.11	450	31.1	390.3	3.00	
135	130	442	32.3	31.6	26.7	28.3	29.2	4.78	7.9	16.9	0.32	18.40	36.2	81	4.76	0.168	0.163	6.4	0.55	3481	840	157	81	D	S	0.9295	410.8	3.04	441	31.6	396.6	2.94	
140	135	433	32.7	32.0	27.0	28.6	29.5	4.83	7.9	17.0	0.31	18.78	36.4	80	4.81	0.168	0.163	6.4	0.56	3511	840	157	81	D	S	0.9609	416.1	2.97	432	32.1	401.8	2.87	
145	140	425	33.2	32.4	27.3	28.8	29.7	4.88	8.0	17.2	0.31	19.14	36.7	80	4.85	0.168	0.163	6.4	0.57	3541	840	157	81	D	S	0.9913	421.3	2.91	425	32.4	407.0	2.81	
150	145	418	33.6	32.8	27.6	29.0	30.0	4.92	8.0	17.3	0.31	19.49	37.0	79	4.89	0.168	0.163	6.4	0.58	3570	840	157	81	D	S	1.0206	426.6	2.84	418	32.8	412.2	2.75	



Title = Ecosite Category 4 (Subhygric - Rich), Spacing 2.5 m

User Name = Dick Dempster
Yield Table ID = DD1208841

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 20.6 m @ 50 yrs bhage

Initial Density = 1600 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	1600	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	2.50	2795.350	2793.137	*	*	*	1083	*	*	*	S	*				0	*	0.0	0.00
5	*	1596	*	*	1.0	1.2	1.2	*	*	*	*	*	0.0	*	2.50	2.117	2.051	*	*	*	1083	*	*	*	S	*				0	*	0.0	0.00
10	5	1581	3.8	3.6	2.7	3.4	3.6	1.15	2.7	0.6	0.81	1.06	1.8	103	2.51	0.743	0.708	0.9	0.02	403	1083	34	17	A	S	0.0020	3.2	0.32	0	*	0.0	0.00	
15	10	1552	6.5	6.1	4.7	5.8	6.2	1.54	3.8	1.9	0.66	1.95	5.1	102	2.54	0.437	0.412	2.0	0.05	743	1083	63	30	B	S	0.0103	16.0	1.07	7	12.8	0.3	0.02	
20	15	1508	8.7	8.2	6.6	8.1	8.7	1.86	4.5	3.5	0.56	2.87	9.0	102	2.58	0.316	0.296	3.1	0.10	1116	1083	91	43	B	S	0.0257	38.7	1.94	146	13.5	9.1	0.46	
25	20	1452	10.7	10.1	8.5	10.3	11.0	2.13	4.8	5.0	0.49	3.76	13.1	102	2.62	0.254	0.238	4.0	0.15	1484	1083	114	55	C	S	0.0472	68.5	2.74	415	14.3	34.6	1.38	
30	25	1385	12.4	11.8	10.3	12.3	13.1	2.37	5.1	6.4	0.44	4.64	16.8	101	2.69	0.219	0.205	4.8	0.20	1824	1083	134	64	C	S	0.0734	101.7	3.39	653	15.1	69.6	2.32	
35	30	1312	14.0	13.4	11.9	14.0	15.0	2.58	5.3	7.6	0.40	5.48	20.2	100	2.76	0.197	0.184	5.4	0.24	2122	1083	149	72	D	S	0.1035	135.8	3.88	812	16.0	107.2	3.06	
40	35	1235	15.4	14.8	13.3	15.6	16.7	2.77	5.5	8.7	0.38	6.29	23.1	99	2.85	0.183	0.171	5.9	0.28	2377	1083	160	78	D	S	0.1367	168.8	4.22	896	16.8	143.5	3.59	
45	40	1158	16.8	16.1	14.7	17.0	18.1	2.94	5.6	9.7	0.36	7.09	25.6	98	2.94	0.173	0.162	6.2	0.31	2588	1083	168	82	D	S	0.1723	199.5	4.43	929	17.7	177.0	3.93	
50	45	1083	18.0	17.4	15.9	18.2	19.4	3.10	5.8	10.5	0.35	7.86	27.6	97	3.04	0.167	0.157	6.5	0.34	2761	1083	173	85	D	S	0.2101	227.5	4.55	927	18.7	207.0	4.14	
55	50	1013	19.2	18.5	17.0	19.4	20.6	3.25	5.9	11.3	0.34	8.61	29.3	96	3.14	0.162	0.153	6.7	0.37	2901	1083	177	87	D	S	0.2495	252.8	4.60	906	19.6	233.8	4.25	
60	55	947	20.3	19.6	18.0	20.4	21.6	3.39	6.1	12.0	0.33	9.35	30.7	95	3.25	0.160	0.151	6.8	0.39	3014	1083	178	89	D	S	0.2904	275.0	4.58	873	20.5	257.1	4.28	
65	60	886	21.4	20.7	19.0	21.3	22.5	3.52	6.2	12.6	0.33	10.07	31.8	94	3.36	0.158	0.149	6.9	0.41	3104	1083	179	89	D	S	0.3322	294.3	4.53	834	21.4	277.2	4.26	
70	65	831	22.4	21.7	19.8	22.1	23.3	3.64	6.4	13.1	0.32	10.76	32.7	92	3.47	0.157	0.149	6.9	0.42	3178	1083	179	89	D	S	0.3747	311.4	4.45	794	22.2	294.9	4.21	
75	70	782	23.3	22.7	20.6	22.8	24.1	3.75	6.5	13.6	0.32	11.44	33.5	91	3.58	0.157	0.149	6.9	0.44	3237	1083	178	89	D	S	0.4176	326.6	4.35	755	23.1	310.5	4.14	
80	75	738	24.2	23.6	21.3	23.5	24.7	3.86	6.6	14.0	0.32	12.09	34.1	90	3.68	0.157	0.149	6.9	0.45	3287	1083	177	89	D	S	0.4607	340.0	4.25	718	23.9	324.1	4.05	
85	80	699	25.1	24.4	22.0	24.1	25.3	3.96	6.8	14.4	0.32	12.73	34.6	89	3.78	0.157	0.149	6.9	0.46	3329	1083	176	89	D	S	0.5035	351.9	4.14	684	24.7	336.3	3.96	
90	85	664	25.9	25.2	22.6	24.7	25.9	4.06	6.9	14.8	0.31	13.34	35.0	88	3.88	0.157	0.150	6.9	0.47	3365	1083	175	89	D	S	0.5459	362.5	4.03	653	25.5	347.1	3.86	
95	90	632	26.7	26.0	23.1	25.2	26.4	4.15	7.0	15.1	0.31	13.92	35.4	87	3.98	0.158	0.151	6.8	0.48	3397	1083	173	88	D	S	0.5878	371.5	3.91	624	26.2	356.3	3.75	
100	95	605	27.4	26.7	23.6	25.7	26.9	4.23	7.1	15.4	0.31	14.49	35.8	87	4.07	0.158	0.151	6.8	0.50	3426	1083	172	88	D	S	0.6289	380.5	3.80	599	26.9	365.4	3.65	
105	100	580	28.1	27.4	24.1	26.1	27.3	4.31	7.2	15.7	0.31	15.03	36.0	86	4.15	0.159	0.152	6.8	0.51	3452	1083	171	87	D	S	0.6691	388.1	3.70	575	27.6	373.0	3.55	
110	105	558	28.8	28.1	24.6	26.5	27.7	4.39	7.3	15.9	0.31	15.55	36.3	85	4.23	0.160	0.153	6.8	0.52	3478	1083	170	87	D	S	0.7084	395.3	3.59	554	28.2	380.3	3.46	
115	110	538	29.4	28.7	25.0	26.9	28.0	4.46	7.4	16.2	0.31	16.05	36.5	84	4.31	0.160	0.154	6.7	0.53	3502	1083	169	86	D	S	0.7465	401.6	3.49	535	28.8	386.7	3.36	
120	115	520	30.0	29.3	25.4	27.2	28.4	4.53	7.5	16.4	0.31	16.52	36.8	84	4.39	0.161	0.155	6.7	0.54	3526	1083	167	86	D	S	0.7836	407.5	3.40	518	29.4	392.6	3.27	
125	120	505	30.6	29.9	25.7	27.6	28.7	4.59	7.5	16.6	0.31	16.98	37.0	83	4.45	0.161	0.155	6.7	0.55	3549	1083	167	86	D	S	0.8197	414.0	3.31	503	29.9	399.1	3.19	
130	125	490	31.1	30.4	26.1	27.9	29.0	4.65	7.6	16.7	0.31	17.42	37.2	82	4.52	0.162	0.156	6.7	0.56	3572	1083	166	85	D	S	0.8545	418.7	3.22	489	30.4	403.9	3.11	
135	130	478	31.6	30.9	26.4	28.2	29.2	4.71	7.7	16.9	0.31	17.83	37.5	82	4.57	0.162	0.156	6.7	0.57	3595	1083	165	85	D	S	0.8884	424.6	3.15	477	30.9	409.8	3.04	
140	135	466	32.1	31.4	26.7	28.4	29.5	4.76	7.7	17.1	0.31	18.23	37.7	81	4.63	0.163	0.157	6.7	0.58	3618	1083	165	85	D	S	0.9210	429.2	3.07	465	31.4	414.3	2.96	
145	140	456	32.5	31.8	27.0	28.7	29.7	4.81	7.8	17.2	0.31	18.62	37.9	81	4.68	0.163	0.157	6.6	0.59	3641	1083	164	85	D	S	0.9526	434.4	3.00	455	31.9	419.5	2.89	
150	145	446	33.0	32.3	27.2	28.9	30.0	4.86	7.8	17.4	0.31	18.98	38.1	80	4.74	0.164	0.158	6.6	0.60	3664	1083	164	85	D	S	0.9831	438.4	2.92	445	32.3	423.5	2.82	



Title = Ecosite Category 4 (Subhygric - Rich), Spacing 2.0 m

User Name = Dick Dempster
Yield Table ID = DD1208842

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 20.6 m @ 50 yrs bhage

Initial Density = 2500 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	2500	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	2.00	2236.406	2234.510	*	*	*	1474	*	*	*	S	*				0	*	0.0	0.00
5	*	2492	*	*	0.9	1.2	1.2	*	*	*	*	*	0.0	*	2.00	1.698	1.641	*	*	*	1474	*	*	*	S	*				0	*	0.0	0.00
10	5	2458	3.3	3.1	2.6	3.4	3.6	1.08	2.5	0.7	0.79	0.94	2.2	110	2.02	0.598	0.567	1.2	0.02	563	1474	45	23	A	S	0.0015	3.7	0.37	0	*	0.0	0.00	
15	10	2394	5.8	5.4	4.6	5.8	6.2	1.44	3.5	2.0	0.63	1.69	6.2	108	2.04	0.354	0.332	2.6	0.07	984	1474	84	40	B	S	0.0077	18.5	1.23	2	12.2	0.1	0.01	
20	15	2300	7.8	7.4	6.5	8.1	8.7	1.73	4.0	3.5	0.53	2.47	11.0	108	2.09	0.257	0.240	3.9	0.12	1439	1474	120	57	C	S	0.0195	44.8	2.24	88	13.2	5.1	0.26	
25	20	2181	9.6	9.1	8.3	10.3	11.0	1.98	4.3	5.0	0.46	3.25	15.8	107	2.14	0.209	0.194	5.1	0.18	1876	1474	149	71	D	S	0.0362	79.0	3.16	372	13.8	28.0	1.12	
30	25	2044	11.2	10.7	10.0	12.2	13.1	2.21	4.5	6.3	0.41	4.02	20.2	106	2.21	0.181	0.168	6.0	0.24	2266	1474	172	82	D	S	0.0572	116.9	3.90	704	14.4	66.2	2.21	
35	30	1898	12.7	12.1	11.5	13.9	15.0	2.41	4.7	7.5	0.38	4.78	24.0	105	2.30	0.165	0.153	6.7	0.29	2597	1474	188	91	D	S	0.0817	155.1	4.43	959	15.1	109.9	3.14	
40	35	1751	14.1	13.5	13.0	15.5	16.7	2.60	4.9	8.6	0.36	5.53	27.2	103	2.39	0.154	0.144	7.3	0.33	2866	1474	200	97	D	S	0.1094	191.6	4.79	1111	15.9	152.8	3.82	
45	40	1608	15.4	14.8	14.3	16.9	18.1	2.77	5.0	9.5	0.34	6.27	29.8	102	2.49	0.148	0.138	7.6	0.37	3079	1474	207	101	D	S	0.1400	225.1	5.00	1178	16.7	191.9	4.26	
50	45	1474	16.6	16.0	15.5	18.1	19.4	2.93	5.2	10.4	0.33	7.00	31.9	101	2.60	0.144	0.134	7.8	0.40	3242	1474	211	103	D	S	0.1730	255.0	5.10	1185	17.6	226.2	4.52	
55	50	1351	17.8	17.2	16.6	19.2	20.6	3.08	5.4	11.2	0.32	7.72	33.6	99	2.72	0.142	0.132	8.0	0.42	3365	1474	212	104	D	S	0.2083	281.4	5.12	1156	18.4	255.8	4.65	
60	55	1240	18.9	18.3	17.6	20.2	21.6	3.22	5.5	11.8	0.32	8.43	34.8	98	2.84	0.141	0.132	8.0	0.44	3456	1474	212	105	D	S	0.2454	304.3	5.07	1108	19.3	281.2	4.69	
65	60	1141	20.0	19.3	18.5	21.1	22.5	3.35	5.7	12.5	0.31	9.14	35.8	97	2.96	0.140	0.132	8.0	0.46	3523	1474	210	104	D	S	0.2841	324.1	4.99	1050	20.2	302.8	4.66	
70	65	1053	21.0	20.4	19.3	21.9	23.3	3.48	5.9	13.0	0.31	9.83	36.5	95	3.08	0.141	0.132	8.0	0.47	3572	1474	208	103	D	S	0.3240	341.1	4.87	990	21.0	321.1	4.59	
75	70	976	22.0	21.3	20.1	22.6	24.1	3.60	6.0	13.5	0.31	10.50	37.1	94	3.20	0.141	0.133	7.9	0.48	3607	1474	205	102	D	S	0.3647	355.9	4.75	931	21.9	336.8	4.49	
80	75	908	22.9	22.3	20.8	23.3	24.7	3.71	6.2	14.0	0.30	11.16	37.5	93	3.32	0.142	0.134	7.8	0.50	3632	1474	202	101	D	S	0.4060	368.6	4.61	876	22.7	350.3	4.38	
85	80	848	23.8	23.2	21.5	23.9	25.3	3.82	6.3	14.4	0.30	11.80	37.8	92	3.43	0.144	0.136	7.7	0.50	3651	1474	199	100	D	S	0.4475	379.5	4.46	825	23.5	361.7	4.26	
90	85	796	24.7	24.0	22.1	24.5	25.9	3.92	6.5	14.8	0.30	12.42	38.1	91	3.54	0.145	0.137	7.7	0.51	3666	1474	196	99	D	S	0.4891	389.3	4.33	779	24.3	372.0	4.13	
95	90	750	25.5	24.8	22.6	25.0	26.4	4.01	6.6	15.1	0.30	13.02	38.3	90	3.65	0.146	0.138	7.6	0.52	3677	1474	193	98	D	S	0.5304	397.8	4.19	737	25.1	380.8	4.01	
100	95	710	26.3	25.6	23.1	25.5	26.9	4.10	6.7	15.4	0.30	13.60	38.5	89	3.75	0.147	0.140	7.5	0.53	3687	1474	191	97	D	S	0.5713	405.6	4.06	700	25.8	388.9	3.89	
105	100	674	27.0	26.3	23.6	25.9	27.3	4.19	6.8	15.7	0.30	14.16	38.6	88	3.85	0.149	0.141	7.4	0.54	3697	1474	188	95	D	S	0.6116	412.2	3.93	667	26.5	395.8	3.77	
110	105	642	27.7	27.0	24.0	26.3	27.7	4.27	6.9	15.9	0.30	14.70	38.7	87	3.95	0.150	0.143	7.4	0.54	3706	1474	185	94	D	S	0.6512	418.0	3.80	636	27.2	401.7	3.65	
115	110	615	28.4	27.7	24.5	26.7	28.0	4.34	7.0	16.2	0.30	15.22	38.9	86	4.03	0.151	0.144	7.3	0.55	3715	1474	183	94	D	S	0.6899	424.3	3.69	611	27.8	408.2	3.55	
120	115	590	29.0	28.3	24.8	27.0	28.4	4.41	7.1	16.4	0.30	15.72	39.0	85	4.12	0.152	0.145	7.2	0.56	3725	1474	181	93	D	S	0.7278	429.4	3.58	586	28.4	413.3	3.44	
125	120	568	29.6	28.9	25.2	27.4	28.7	4.48	7.2	16.6	0.30	16.20	39.1	85	4.20	0.153	0.146	7.2	0.57	3735	1474	180	92	D	S	0.7646	434.3	3.47	565	29.0	418.4	3.35	
130	125	548	30.2	29.5	25.5	27.7	29.0	4.55	7.3	16.8	0.30	16.66	39.2	84	4.27	0.154	0.147	7.1	0.58	3747	1474	178	91	D	S	0.8004	438.6	3.37	546	29.5	422.8	3.25	
135	130	531	30.7	30.0	25.9	28.0	29.2	4.61	7.4	16.9	0.30	17.10	39.3	83	4.34	0.155	0.148	7.1	0.59	3759	1474	177	91	D	S	0.8353	443.6	3.29	529	30.1	427.8	3.17	
140	135	515	31.2	30.5	26.2	28.2	29.5	4.66	7.5	17.1	0.30	17.52	39.4	83	4.41	0.156	0.149	7.1	0.59	3772	1474	175	90	D	S	0.8691	447.6	3.20	514	30.6	431.9	3.08	
145	140	501	31.7	31.0	26.4	28.5	29.7	4.72	7.5	17.3	0.30	17.93	39.6	82	4.47	0.157	0.150	7.0	0.60	3785	1474	174	90	D	S	0.9019	451.9	3.12	500	31.0	436.2	3.01	
150	145	488	32.2	31.5	26.7	28.7	30.0	4.77	7.6	17.4	0.30	18.32	39.7	82	4.53	0.158	0.151	7.0	0.61	3800	1474	173	89	D	S	0.9336	455.6	3.04	487	31.5	440.0	2.93	



Title = Ecosite Category 4 (Subhygric - Rich), Spacing 1.5 m

User Name = Dick Dempster
Yield Table ID = DD1208845

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 20.6 m @ 50 yrs bhage

Initial Density = 4444 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	4444	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	1.50	1677.520	1675.966	*	*	*	2199	*	*	*	S	*				0	*	0.0	0.00
5	*	4423	*	*	0.9	1.2	1.2	*	*	*	*	*	0.0	*	1.50	1.278	1.232	*	*	*	2199	*	*	*	S	*				0	*	0.0	0.00
10	5	4338	2.9	2.7	2.6	3.4	3.6	1.01	2.2	0.7	0.75	0.81	2.8	121	1.52	0.453	0.427	1.6	0.03	878	2199	67	35	B	S	0.0010	4.4	0.44	0	*	0.0	0.00	
15	10	4179	4.9	4.6	4.4	5.7	6.2	1.32	3.0	2.0	0.59	1.42	8.0	115	1.55	0.270	0.251	3.6	0.09	1435	2199	122	59	C	S	0.0053	22.3	1.48	0	*	0.0	0.00	
20	15	3950	6.8	6.4	6.2	8.0	8.7	1.58	3.4	3.5	0.49	2.06	14.1	114	1.59	0.198	0.183	5.4	0.16	2018	2199	171	81	D	S	0.0136	53.8	2.69	27	12.9	1.5	0.07	
25	20	3671	8.4	7.9	7.9	10.2	11.0	1.81	3.6	4.9	0.42	2.71	20.1	113	1.65	0.162	0.150	7.0	0.24	2558	2199	209	99	D	S	0.0257	94.4	3.78	240	13.3	16.3	0.65	
30	25	3362	9.8	9.3	9.6	12.1	13.1	2.02	3.8	6.2	0.38	3.36	25.5	112	1.72	0.143	0.131	8.1	0.31	3019	2199	237	113	D	S	0.0413	138.8	4.63	643	13.8	52.9	1.76	
35	30	3046	11.2	10.7	11.1	13.8	15.0	2.21	4.0	7.3	0.35	4.02	30.0	110	1.81	0.131	0.121	9.0	0.37	3388	2199	256	123	D	S	0.0600	182.9	5.23	1054	14.3	103.1	2.95	
40	35	2741	12.5	12.0	12.4	15.3	16.7	2.39	4.2	8.4	0.33	4.69	33.6	108	1.91	0.125	0.115	9.5	0.42	3669	2199	267	128	D	S	0.0818	224.3	5.61	1353	14.9	156.0	3.90	
45	40	2456	13.7	13.2	13.7	16.7	18.1	2.56	4.3	9.3	0.31	5.35	36.4	107	2.02	0.121	0.111	9.8	0.46	3873	2199	272	131	D	S	0.1065	261.6	5.81	1517	15.6	205.0	4.56	
50	45	2199	14.9	14.4	14.9	17.9	19.4	2.72	4.5	10.2	0.30	6.03	38.5	105	2.13	0.119	0.110	10.0	0.49	4013	2199	273	132	D	S	0.1338	294.3	5.89	1572	16.3	247.5	4.95	
55	50	1971	16.1	15.5	15.9	19.0	20.6	2.87	4.7	10.9	0.30	6.70	40.1	103	2.25	0.119	0.110	10.0	0.51	4105	2199	271	132	D	S	0.1636	322.5	5.86	1554	17.1	283.3	5.15	
60	55	1772	17.2	16.6	16.9	20.0	21.6	3.01	4.9	11.6	0.29	7.37	41.2	102	2.38	0.119	0.110	9.9	0.53	4160	2199	267	131	D	S	0.1957	346.7	5.78	1493	17.9	313.0	5.22	
65	60	1598	18.3	17.7	17.8	20.9	22.5	3.14	5.1	12.3	0.29	8.04	41.9	100	2.50	0.120	0.111	9.8	0.54	4189	2199	261	128	D	S	0.2296	366.9	5.64	1410	18.7	337.2	5.19	
70	65	1449	19.3	18.7	18.6	21.7	23.3	3.27	5.2	12.8	0.29	8.70	42.4	99	2.63	0.121	0.113	9.6	0.55	4199	2199	255	126	D	S	0.2652	384.3	5.49	1321	19.6	357.5	5.11	
75	70	1320	20.3	19.7	19.3	22.4	24.1	3.40	5.4	13.3	0.29	9.35	42.7	98	2.75	0.123	0.114	9.5	0.56	4196	2199	249	123	D	S	0.3021	398.8	5.32	1231	20.4	374.1	4.99	
80	75	1208	21.2	20.6	20.0	23.1	24.7	3.51	5.6	13.8	0.29	10.00	42.8	96	2.88	0.125	0.116	9.3	0.56	4185	2199	243	121	D	S	0.3400	410.7	5.13	1145	21.2	387.7	4.85	
85	80	1112	22.2	21.5	20.7	23.7	25.3	3.62	5.7	14.2	0.28	10.63	42.9	95	3.00	0.127	0.118	9.1	0.57	4169	2199	237	118	D	S	0.3786	421.0	4.95	1067	22.0	399.2	4.70	
90	85	1029	23.0	22.4	21.3	24.2	25.9	3.73	5.9	14.6	0.28	11.24	42.9	94	3.12	0.129	0.120	8.9	0.58	4151	2199	231	116	D	S	0.4177	429.9	4.78	997	22.8	409.0	4.54	
95	90	957	23.9	23.2	21.8	24.7	26.4	3.83	6.1	15.0	0.29	11.84	42.8	93	3.23	0.131	0.122	8.8	0.58	4132	2199	225	113	D	S	0.4571	437.4	4.60	933	23.6	417.3	4.39	
100	95	894	24.7	24.0	22.3	25.2	26.9	3.92	6.2	15.3	0.29	12.43	42.8	92	3.34	0.133	0.125	8.6	0.58	4113	2199	220	111	D	S	0.4964	443.8	4.44	876	24.3	424.3	4.24	
105	100	839	25.4	24.8	22.8	25.6	27.3	4.01	6.3	15.6	0.29	13.00	42.7	91	3.45	0.135	0.127	8.5	0.59	4096	2199	216	109	D	S	0.5355	449.3	4.28	826	25.0	430.4	4.10	
110	105	791	26.2	25.5	23.2	26.0	27.7	4.10	6.5	15.9	0.29	13.55	42.6	90	3.56	0.137	0.128	8.3	0.59	4080	2199	211	107	D	S	0.5743	454.3	4.13	781	25.7	435.8	3.96	
115	110	749	26.9	26.2	23.6	26.4	28.0	4.18	6.6	16.1	0.29	14.08	42.5	89	3.65	0.138	0.130	8.2	0.60	4066	2199	208	105	D	S	0.6126	458.9	3.99	741	26.4	440.7	3.83	
120	115	712	27.5	26.9	24.0	26.8	28.4	4.25	6.7	16.4	0.29	14.60	42.4	88	3.75	0.140	0.132	8.1	0.60	4055	2199	204	104	D	S	0.6503	463.0	3.86	706	27.0	445.1	3.71	
125	120	679	28.2	27.5	24.4	27.1	28.7	4.33	6.8	16.6	0.29	15.09	42.4	87	3.84	0.142	0.134	8.0	0.61	4045	2199	201	102	D	S	0.6874	466.7	3.73	674	27.6	449.0	3.59	
130	125	650	28.8	28.1	24.7	27.4	29.0	4.40	6.9	16.8	0.29	15.57	42.3	86	3.92	0.143	0.135	7.9	0.61	4038	2199	198	101	D	S	0.7237	470.4	3.62	646	28.2	452.9	3.48	
135	130	623	29.4	28.7	25.0	27.7	29.2	4.46	7.0	16.9	0.29	16.04	42.2	86	4.01	0.145	0.137	7.8	0.62	4033	2199	195	100	D	S	0.7591	472.9	3.50	620	28.8	455.6	3.38	
140	135	600	29.9	29.3	25.3	27.9	29.5	4.52	7.1	17.1	0.29	16.48	42.2	85	4.08	0.146	0.138	7.7	0.63	4030	2199	193	99	D	S	0.7937	476.2	3.40	598	29.3	459.1	3.28	
145	140	579	30.5	29.8	25.6	28.2	29.7	4.58	7.2	17.3	0.29	16.91	42.2	84	4.16	0.147	0.140	7.6	0.63	4029	2199	191	98	D	S	0.8274	479.1	3.30	577	29.9	462.1	3.19	
150	145	560	31.0	30.3	25.9	28.4	30.0	4.64	7.3	17.4	0.29	17.33	42.2	84	4.23	0.149	0.141	7.6	0.64	4030	2199	189	97	D	S	0.8603	481.8	3.21	559	30.3	464.9	3.10	



Title = Ecosite Category 5 (Hygric - Poor), Spacing 3.5 m

User Name = Dick Dempster
Yield Table ID = DD1208856

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial
Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 12 m @ 50 yrs bhage

Initial Density = 816 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim
0	*	816	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	3.50	9197.875	9195.883	*	*	*	761	*	*	*	F	*			0	*	0.0	0.00
5	*	816	*	*	0.5	0.5	0.5	*	*	*	*	*	0.0	*	3.50	6.730	6.651	*	*	*	761	*	*	*	F	*			0	*	0.0	0.00
10	1	815	1.1	1.1	1.4	1.5	1.6	0.76	1.5	0.1	0.96	0.46	0.1	149	3.50	2.268	2.223	0.1	0.00	97	761	6	4	V	F	0.0001	0.1	0.01	0	*	0.0	0.00
15	6	812	3.9	3.7	2.5	2.7	2.8	1.17	2.6	0.4	0.88	1.10	1.0	87	3.51	1.278	1.246	0.5	0.01	211	761	18	9	A	F	0.0018	1.5	0.10	0	*	0.0	0.00
20	11	809	5.8	5.5	3.6	4.0	4.1	1.45	3.6	0.9	0.80	1.73	2.2	86	3.52	0.882	0.857	0.9	0.02	337	761	29	14	A	F	0.0062	5.0	0.25	0	*	0.0	0.00
25	16	804	7.5	7.0	4.7	5.2	5.4	1.69	4.2	1.5	0.73	2.34	3.5	88	3.53	0.678	0.657	1.3	0.03	470	761	40	19	A	F	0.0133	10.7	0.43	20	13.2	0.8	0.03
30	21	798	8.9	8.4	5.7	6.4	6.6	1.88	4.7	2.2	0.67	2.93	4.9	89	3.54	0.557	0.539	1.7	0.05	605	761	49	23	A	F	0.0227	18.1	0.60	86	13.7	4.6	0.15
35	26	791	10.1	9.6	6.8	7.4	7.7	2.05	5.1	2.9	0.63	3.49	6.4	89	3.56	0.478	0.462	2.0	0.06	738	761	58	28	A	F	0.0340	26.9	0.77	175	14.3	11.4	0.33
40	31	782	11.3	10.7	7.7	8.5	8.7	2.21	5.4	3.6	0.59	4.03	7.8	90	3.58	0.423	0.409	2.3	0.08	867	761	66	32	B	F	0.0468	36.6	0.91	263	14.8	20.5	0.51
45	36	772	12.3	11.6	8.6	9.4	9.7	2.34	5.6	4.3	0.56	4.54	9.2	90	3.60	0.383	0.371	2.6	0.09	991	761	73	35	B	F	0.0607	46.9	1.04	338	15.3	30.8	0.68
50	41	761	13.2	12.5	9.4	10.3	10.6	2.46	5.7	4.9	0.53	5.03	10.5	90	3.62	0.353	0.342	2.9	0.11	1108	761	79	38	B	F	0.0754	57.4	1.15	399	15.8	41.7	0.83
55	46	749	14.1	13.4	10.2	11.1	11.4	2.58	5.9	5.4	0.51	5.50	11.7	90	3.65	0.330	0.320	3.1	0.12	1217	761	85	41	B	F	0.0908	68.0	1.24	446	16.3	52.8	0.96
60	51	737	14.9	14.2	10.9	11.8	12.2	2.68	6.0	5.9	0.50	5.95	12.9	89	3.68	0.312	0.303	3.3	0.14	1320	761	90	44	B	F	0.1067	78.7	1.31	483	16.8	64.0	1.07
65	56	723	15.7	14.9	11.6	12.5	12.9	2.78	6.1	6.4	0.48	6.39	13.9	89	3.72	0.298	0.289	3.5	0.15	1415	761	95	46	B	F	0.1230	88.9	1.37	509	17.2	74.7	1.15
70	61	709	16.4	15.6	12.2	13.1	13.5	2.87	6.2	6.9	0.47	6.80	14.9	89	3.76	0.287	0.278	3.7	0.16	1503	761	99	48	B	F	0.1395	98.9	1.41	528	17.7	85.2	1.22
75	66	695	17.0	16.2	12.8	13.7	14.1	2.95	6.3	7.3	0.46	7.21	15.8	88	3.79	0.277	0.269	3.8	0.17	1585	761	102	50	C	F	0.1563	108.6	1.45	542	18.2	95.3	1.27
80	71	680	17.7	16.9	13.3	14.2	14.6	3.04	6.4	7.7	0.45	7.60	16.7	88	3.83	0.269	0.262	4.0	0.18	1660	761	105	52	C	F	0.1732	117.8	1.47	550	18.6	104.8	1.31
85	76	665	18.3	17.5	13.9	14.7	15.2	3.11	6.5	8.0	0.44	7.98	17.5	87	3.88	0.263	0.256	4.1	0.19	1730	761	108	53	C	F	0.1902	126.5	1.49	554	19.1	113.9	1.34
90	81	651	18.9	18.1	14.3	15.2	15.6	3.19	6.5	8.4	0.43	8.35	18.2	87	3.92	0.258	0.251	4.2	0.20	1794	761	110	54	C	F	0.2074	135.0	1.50	556	19.5	122.7	1.36
95	86	636	19.4	18.6	14.8	15.6	16.1	3.25	6.6	8.7	0.43	8.72	18.9	86	3.97	0.254	0.247	4.3	0.21	1854	761	112	55	C	F	0.2247	142.9	1.50	555	19.9	130.8	1.38
100	91	622	20.0	19.2	15.2	16.0	16.5	3.32	6.7	8.9	0.42	9.07	19.5	86	4.01	0.250	0.244	4.4	0.22	1909	761	114	56	C	F	0.2420	150.5	1.51	552	20.3	138.6	1.39
105	96	608	20.5	19.7	15.6	16.4	16.8	3.39	6.8	9.2	0.42	9.42	20.1	85	4.06	0.247	0.241	4.4	0.23	1960	761	115	57	C	F	0.2594	157.7	1.50	548	20.7	146.0	1.39
110	101	595	21.0	20.2	15.9	16.8	17.2	3.45	6.8	9.5	0.41	9.76	20.6	85	4.10	0.244	0.238	4.5	0.23	2008	761	117	58	C	F	0.2767	164.7	1.50	543	21.2	153.1	1.39
115	106	582	21.5	20.7	16.3	17.1	17.5	3.51	6.9	9.7	0.41	10.10	21.2	84	4.15	0.242	0.237	4.6	0.24	2053	761	118	59	C	F	0.2941	171.2	1.49	537	21.6	159.8	1.39
120	111	570	22.0	21.1	16.6	17.4	17.8	3.57	6.9	9.9	0.41	10.43	21.7	84	4.19	0.240	0.235	4.6	0.25	2095	761	119	59	C	F	0.3115	177.6	1.48	531	22.0	166.3	1.39
125	116	558	22.5	21.6	16.9	17.7	18.1	3.62	7.0	10.2	0.40	10.75	22.1	83	4.23	0.239	0.234	4.7	0.25	2135	761	120	60	C	F	0.3289	183.5	1.47	524	22.3	172.3	1.38
130	121	546	22.9	22.0	17.2	18.0	18.4	3.68	7.1	10.3	0.40	11.07	22.5	83	4.28	0.238	0.233	4.7	0.26	2173	761	120	60	C	F	0.3461	189.0	1.45	516	22.7	177.8	1.37
135	126	535	23.3	22.5	17.5	18.3	18.7	3.73	7.1	10.5	0.40	11.38	22.9	82	4.32	0.237	0.232	4.7	0.26	2209	761	121	61	C	F	0.3634	194.4	1.44	509	23.1	183.3	1.36
140	131	525	23.8	22.9	17.7	18.5	18.9	3.78	7.2	10.7	0.40	11.68	23.3	82	4.36	0.236	0.231	4.8	0.27	2244	761	122	61	C	F	0.3805	199.8	1.43	502	23.5	188.7	1.35
145	136	515	24.2	23.3	18.0	18.7	19.1	3.83	7.2	10.9	0.39	11.98	23.7	81	4.41	0.235	0.230	4.8	0.28	2277	761	122	62	C	F	0.3976	204.7	1.41	495	23.8	193.7	1.34
150	141	505	24.6	23.7	18.2	19.0	19.4	3.88	7.3	11.0	0.39	12.28	24.0	81	4.45	0.235	0.230	4.8	0.28	2309	761	123	62	C	F	0.4145	209.3	1.40	487	24.2	198.3	1.32



Title = Ecosite Category 5 (Hygric - Poor), Spacing 3.0 m

User Name = Dick Dempster
Yield Table ID = DD1208859

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 12 m @ 50 yrs bhage

Initial Density = 1111 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	1111	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	3.00	7882.825	7881.003	*	*	*	999	*	*	*	F	*				0	*	0.0	0.00
5	*	1110	*	*	0.5	0.5	0.5	*	*	*	*	*	0.0	*	3.00	5.775	5.702	*	*	*	999	*	*	*	F	*				0	*	0.0	0.00
10	1	1108	1.0	1.0	1.4	1.5	1.6	0.75	1.4	0.1	0.95	0.44	0.1	162	3.00	1.948	1.907	0.1	0.00	132	999	7	5	V	F	0.0001	0.1	0.01	0	*	0.0	0.00	
15	6	1104	3.5	3.4	2.4	2.7	2.8	1.11	2.5	0.4	0.86	1.00	1.1	93	3.01	1.098	1.069	0.6	0.01	263	999	22	11	A	F	0.0015	1.6	0.11	0	*	0.0	0.00	
20	11	1096	5.3	5.0	3.5	4.0	4.1	1.38	3.4	0.9	0.78	1.55	2.4	91	3.02	0.759	0.736	1.1	0.02	408	999	35	17	A	F	0.0050	5.5	0.27	0	*	0.0	0.00	
25	16	1087	6.8	6.4	4.6	5.2	5.4	1.59	4.0	1.6	0.71	2.09	4.0	92	3.03	0.585	0.565	1.5	0.04	561	999	48	23	A	F	0.0108	11.7	0.47	10	13.0	0.4	0.02	
30	21	1074	8.2	7.7	5.7	6.3	6.6	1.78	4.4	2.3	0.65	2.62	5.6	93	3.05	0.481	0.465	2.0	0.06	714	999	59	28	A	F	0.0185	19.9	0.66	63	13.5	3.2	0.11	
35	26	1059	9.3	8.8	6.7	7.4	7.7	1.94	4.7	3.0	0.61	3.12	7.2	93	3.07	0.414	0.399	2.4	0.07	864	999	69	33	B	F	0.0279	29.6	0.84	155	13.9	9.5	0.27	
40	31	1041	10.4	9.8	7.6	8.4	8.7	2.09	5.0	3.6	0.57	3.61	8.8	94	3.10	0.367	0.355	2.7	0.09	1009	999	79	38	B	F	0.0386	40.2	1.01	258	14.3	18.6	0.47	
45	36	1021	11.4	10.7	8.5	9.4	9.7	2.22	5.2	4.3	0.54	4.07	10.3	94	3.13	0.334	0.322	3.1	0.11	1145	999	87	42	B	F	0.0504	51.5	1.14	354	14.8	29.6	0.66	
50	41	999	12.2	11.6	9.3	10.2	10.6	2.34	5.3	4.9	0.51	4.52	11.8	93	3.16	0.309	0.298	3.4	0.13	1273	999	94	45	B	F	0.0631	63.0	1.26	436	15.2	41.5	0.83	
55	46	975	13.1	12.4	10.1	11.0	11.4	2.45	5.5	5.4	0.49	4.96	13.1	93	3.20	0.290	0.280	3.6	0.14	1391	999	100	48	B	F	0.0764	74.5	1.35	501	15.7	53.7	0.98	
60	51	950	13.9	13.2	10.8	11.8	12.2	2.55	5.6	6.0	0.48	5.38	14.3	93	3.24	0.276	0.266	3.9	0.16	1499	999	106	51	C	F	0.0903	85.8	1.43	552	16.1	65.9	1.10	
65	56	925	14.6	13.9	11.5	12.4	12.9	2.65	5.7	6.4	0.46	5.79	15.5	92	3.29	0.264	0.256	4.1	0.17	1598	999	110	54	C	F	0.1048	96.9	1.49	590	16.5	77.9	1.20	
70	61	899	15.3	14.6	12.1	13.1	13.5	2.74	5.8	6.9	0.45	6.19	16.5	92	3.34	0.255	0.247	4.2	0.18	1687	999	114	56	C	F	0.1196	107.5	1.54	618	17.0	89.5	1.28	
75	66	872	16.0	15.2	12.7	13.6	14.1	2.82	5.9	7.3	0.44	6.58	17.5	91	3.39	0.248	0.240	4.4	0.19	1769	999	117	57	C	F	0.1348	117.6	1.57	635	17.4	100.4	1.34	
80	71	846	16.6	15.9	13.2	14.2	14.6	2.90	6.0	7.7	0.43	6.96	18.3	91	3.44	0.242	0.235	4.5	0.21	1843	999	120	59	C	F	0.1504	127.3	1.59	646	17.8	110.8	1.38	
85	76	820	17.2	16.5	13.7	14.7	15.2	2.98	6.1	8.0	0.42	7.33	19.1	90	3.49	0.238	0.230	4.6	0.21	1909	999	123	60	C	F	0.1663	136.4	1.60	651	18.3	120.6	1.42	
90	81	795	17.8	17.0	14.2	15.2	15.6	3.06	6.2	8.4	0.42	7.70	19.9	90	3.55	0.234	0.227	4.7	0.22	1970	999	124	61	C	F	0.1824	145.0	1.61	652	18.7	129.9	1.44	
95	86	770	18.4	17.6	14.6	15.6	16.1	3.13	6.2	8.7	0.41	8.06	20.5	89	3.60	0.231	0.224	4.8	0.23	2025	999	126	62	C	F	0.1988	153.1	1.61	648	19.1	138.4	1.46	
100	91	746	19.0	18.2	15.0	16.0	16.5	3.20	6.3	9.0	0.41	8.42	21.1	88	3.66	0.229	0.222	4.8	0.24	2075	999	127	63	C	F	0.2154	160.7	1.61	643	19.5	146.6	1.47	
105	96	724	19.5	18.7	15.4	16.4	16.8	3.27	6.4	9.2	0.40	8.77	21.7	88	3.72	0.227	0.221	4.9	0.25	2121	999	128	64	C	F	0.2322	168.1	1.60	636	20.0	154.4	1.47	
110	101	702	20.0	19.2	15.8	16.7	17.2	3.33	6.5	9.5	0.40	9.12	22.2	87	3.77	0.226	0.219	4.9	0.25	2163	999	129	64	C	F	0.2491	174.9	1.59	627	20.4	161.5	1.47	
115	106	681	20.6	19.7	16.1	17.1	17.5	3.40	6.6	9.7	0.40	9.46	22.6	86	3.83	0.225	0.219	5.0	0.26	2202	999	130	64	C	F	0.2662	181.2	1.58	616	20.8	168.1	1.46	
120	111	661	21.1	20.2	16.5	17.4	17.8	3.46	6.6	10.0	0.39	9.80	23.0	86	3.89	0.224	0.218	5.0	0.27	2238	999	130	65	C	F	0.2833	187.2	1.56	605	21.2	174.4	1.45	
125	116	643	21.6	20.7	16.8	17.7	18.1	3.52	6.7	10.2	0.39	10.13	23.5	85	3.94	0.223	0.218	5.1	0.27	2272	999	131	65	C	F	0.3005	193.2	1.55	595	21.6	180.6	1.44	
130	121	625	22.0	21.2	17.0	17.9	18.4	3.57	6.8	10.4	0.39	10.46	23.8	85	4.00	0.223	0.217	5.1	0.28	2304	999	131	65	C	F	0.3177	198.6	1.53	584	22.0	186.2	1.43	
135	126	608	22.5	21.6	17.3	18.2	18.7	3.63	6.8	10.6	0.39	10.78	24.2	84	4.06	0.223	0.217	5.1	0.28	2334	999	131	66	C	F	0.3349	203.6	1.51	572	22.4	191.4	1.42	
140	131	593	22.9	22.1	17.6	18.4	18.9	3.68	6.9	10.7	0.39	11.10	24.5	84	4.11	0.223	0.217	5.1	0.29	2363	999	131	66	C	F	0.3522	208.8	1.49	562	22.8	196.7	1.41	
145	136	578	23.4	22.5	17.8	18.7	19.1	3.73	7.0	10.9	0.38	11.41	24.8	83	4.16	0.223	0.217	5.1	0.29	2390	999	131	66	C	F	0.3694	213.5	1.47	551	23.1	201.5	1.39	
150	141	564	23.8	23.0	18.0	18.9	19.4	3.79	7.0	11.1	0.38	11.72	25.1	82	4.21	0.223	0.218	5.1	0.29	2417	999	131	66	C	F	0.3865	218.0	1.45	541	23.5	206.1	1.37	



Title = Ecosite Category 5 (Hygric - Poor), Spacing 2.5 m

User Name = Dick Dempster
Yield Table ID = DD1208861

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial
Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 12 m @ 50 yrs bhage

Initial Density = 1600 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	1600	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	2.50	6568.818	6567.174	*	*	*	1369	*	*	*	F	*				0	*	0.0	0.00
5	*	1599	*	*	0.5	0.5	0.5	*	*	*	*	*	0.0	*	2.50	4.816	4.751	*	*	*	1369	*	*	*	F	*				0	*	0.0	0.00
10	1	1594	0.9	0.9	1.4	1.5	1.6	0.73	1.4	0.1	0.95	0.42	0.1	181	2.50	1.627	1.590	0.1	0.00	188	1369	10	7	A	F	0.0001	0.1	0.01	0	*	0.0	0.00	
15	6	1584	3.2	3.0	2.4	2.7	2.8	1.06	2.4	0.4	0.85	0.89	1.2	99	2.51	0.919	0.892	0.7	0.01	345	1369	28	14	A	F	0.0011	1.8	0.12	0	*	0.0	0.00	
20	11	1569	4.8	4.5	3.5	4.0	4.1	1.30	3.1	0.9	0.76	1.37	2.8	96	2.52	0.636	0.615	1.3	0.03	517	1369	44	22	A	F	0.0039	6.1	0.30	0	*	0.0	0.00	
25	16	1548	6.2	5.8	4.6	5.2	5.4	1.50	3.6	1.6	0.69	1.84	4.6	97	2.54	0.491	0.474	1.9	0.05	696	1369	60	28	A	F	0.0084	13.0	0.52	4	12.7	0.1	0.01	
30	21	1521	7.4	6.9	5.6	6.3	6.6	1.67	4.0	2.3	0.63	2.30	6.5	97	2.56	0.406	0.390	2.4	0.07	874	1369	73	35	B	F	0.0146	22.2	0.74	37	13.2	1.8	0.06	
35	26	1489	8.5	8.0	6.6	7.4	7.7	1.82	4.3	3.0	0.58	2.74	8.4	98	2.59	0.350	0.337	2.9	0.09	1048	1369	86	41	B	F	0.0221	32.9	0.94	119	13.6	6.8	0.19	
40	31	1453	9.4	8.9	7.5	8.4	8.7	1.96	4.5	3.7	0.54	3.18	10.2	98	2.62	0.312	0.300	3.3	0.11	1211	1369	97	46	B	F	0.0308	44.8	1.12	231	13.9	15.4	0.38	
45	36	1412	10.4	9.8	8.4	9.3	9.7	2.08	4.7	4.3	0.51	3.60	11.9	98	2.66	0.285	0.274	3.7	0.13	1364	1369	106	51	C	F	0.0406	57.3	1.27	349	14.3	26.6	0.59	
50	41	1369	11.2	10.6	9.2	10.2	10.6	2.20	4.9	4.9	0.49	4.00	13.5	97	2.70	0.265	0.255	4.0	0.15	1504	1369	114	55	C	F	0.0511	70.0	1.40	458	14.7	39.5	0.79	
55	46	1323	12.0	11.4	9.9	11.0	11.4	2.31	5.0	5.5	0.47	4.40	15.0	97	2.75	0.250	0.241	4.3	0.17	1630	1369	121	58	C	F	0.0624	82.6	1.50	550	15.1	53.1	0.96	
60	51	1275	12.8	12.1	10.7	11.7	12.2	2.41	5.1	6.0	0.45	4.79	16.3	97	2.80	0.239	0.230	4.6	0.18	1743	1369	127	61	C	F	0.0744	94.9	1.58	624	15.4	66.8	1.11	
65	56	1227	13.5	12.8	11.3	12.4	12.9	2.50	5.2	6.4	0.44	5.18	17.5	96	2.85	0.230	0.222	4.8	0.20	1844	1369	131	64	C	F	0.0870	106.7	1.64	680	15.8	80.2	1.23	
70	61	1179	14.2	13.5	11.9	13.0	13.5	2.59	5.3	6.9	0.43	5.55	18.6	95	2.91	0.224	0.216	4.9	0.21	1934	1369	135	65	C	F	0.1001	118.0	1.69	721	16.2	93.1	1.33	
75	66	1131	14.8	14.1	12.5	13.6	14.1	2.68	5.4	7.3	0.42	5.93	19.6	95	2.97	0.219	0.211	5.1	0.22	2013	1369	138	67	C	F	0.1138	128.7	1.72	748	16.6	105.3	1.40	
80	71	1085	15.5	14.8	13.0	14.1	14.6	2.76	5.5	7.7	0.41	6.30	20.4	94	3.04	0.215	0.207	5.2	0.23	2082	1369	140	68	C	F	0.1279	138.8	1.73	764	17.1	116.8	1.46	
85	76	1040	16.1	15.4	13.5	14.6	15.2	2.84	5.6	8.0	0.41	6.66	21.2	93	3.10	0.212	0.205	5.3	0.24	2144	1369	142	69	C	F	0.1425	148.2	1.74	772	17.5	127.6	1.50	
90	81	997	16.7	16.0	14.0	15.1	15.6	2.92	5.7	8.4	0.40	7.03	21.9	92	3.17	0.210	0.203	5.4	0.25	2197	1369	143	70	D	F	0.1575	157.0	1.74	772	17.9	137.5	1.53	
95	86	956	17.3	16.6	14.4	15.5	16.1	3.00	5.8	8.7	0.40	7.39	22.5	92	3.23	0.208	0.201	5.4	0.26	2245	1369	144	71	D	F	0.1728	165.2	1.74	767	18.3	146.8	1.55	
100	91	917	17.9	17.1	14.9	15.9	16.5	3.07	5.9	9.0	0.39	7.74	23.1	91	3.30	0.207	0.201	5.5	0.27	2287	1369	144	71	D	F	0.1885	172.9	1.73	758	18.7	155.3	1.55	
105	96	881	18.5	17.7	15.2	16.3	16.8	3.14	6.0	9.2	0.39	8.10	23.6	90	3.37	0.207	0.200	5.5	0.27	2325	1369	145	71	D	F	0.2046	180.2	1.72	747	19.1	163.5	1.56	
110	101	846	19.0	18.2	15.6	16.7	17.2	3.21	6.1	9.5	0.39	8.45	24.0	90	3.44	0.206	0.200	5.5	0.28	2359	1369	145	71	D	F	0.2208	186.8	1.70	733	19.5	170.8	1.55	
115	106	814	19.5	18.7	15.9	17.0	17.5	3.27	6.2	9.7	0.38	8.79	24.4	89	3.50	0.206	0.200	5.5	0.28	2389	1369	145	72	D	F	0.2373	193.2	1.68	718	19.9	177.7	1.55	
120	111	784	20.1	19.3	16.3	17.3	17.8	3.34	6.3	10.0	0.38	9.14	24.8	88	3.57	0.206	0.200	5.5	0.29	2417	1369	144	72	D	F	0.2540	199.2	1.66	702	20.4	184.2	1.53	
125	116	756	20.6	19.8	16.6	17.6	18.1	3.40	6.4	10.2	0.38	9.47	25.1	87	3.64	0.207	0.201	5.5	0.29	2443	1369	144	72	D	F	0.2709	204.8	1.64	687	20.8	190.3	1.52	
130	121	729	21.1	20.3	16.8	17.9	18.4	3.46	6.4	10.4	0.38	9.81	25.4	87	3.70	0.207	0.201	5.5	0.30	2467	1369	144	72	D	F	0.2879	209.9	1.61	670	21.2	195.7	1.51	
135	126	705	21.6	20.7	17.1	18.1	18.7	3.52	6.5	10.6	0.38	10.14	25.7	86	3.77	0.208	0.202	5.5	0.30	2490	1369	143	71	D	F	0.3050	215.0	1.59	654	21.6	201.2	1.49	
140	131	682	22.0	21.2	17.4	18.4	18.9	3.58	6.6	10.8	0.38	10.47	26.0	85	3.83	0.208	0.203	5.5	0.30	2511	1369	143	71	D	F	0.3221	219.7	1.57	638	22.0	206.1	1.47	
145	136	661	22.5	21.7	17.6	18.6	19.1	3.63	6.7	10.9	0.37	10.79	26.3	85	3.89	0.209	0.203	5.5	0.31	2532	1369	142	71	D	F	0.3393	224.3	1.55	623	22.4	210.9	1.45	
150	141	641	22.9	22.1	17.8	18.8	19.4	3.69	6.7	11.1	0.37	11.10	26.5	84	3.95	0.210	0.204	5.5	0.31	2552	1369	142	71	D	F	0.3564	228.5	1.52	609	22.7	215.4	1.44	



Title = Ecosite Category 5 (Hygric - Poor), Spacing 2.0 m

User Name = Dick Dempster
Yield Table ID = DD1208863

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial

Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 12 m @ 50 yrs bhage

Initial Density = 2500 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim
0	*	2500	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	2.00	5255.195	5253.739	*	*	*	2002	*	*	*	F	*			0	*	0.0	0.00
5	*	2497	*	*	0.5	0.5	0.5	*	*	*	*	*	0.0	*	2.00	3.859	3.802	*	*	*	2002	*	*	*	F	*			0	*	0.0	0.00
10	1	2486	0.8	0.8	1.3	1.5	1.6	0.72	1.4	0.1	0.94	0.41	0.1	206	2.01	1.306	1.273	0.1	0.00	291	2002	14	10	A	F	0.0000	0.1	0.01	0	*	0.0	0.00
15	6	2463	2.8	2.6	2.4	2.7	2.8	1.00	2.2	0.4	0.83	0.79	1.5	108	2.01	0.739	0.715	0.9	0.01	485	2002	37	20	A	F	0.0008	2.0	0.13	0	*	0.0	0.00
20	11	2429	4.2	4.0	3.4	4.0	4.1	1.21	2.8	1.0	0.74	1.19	3.4	103	2.03	0.513	0.494	1.6	0.03	697	2002	59	29	A	F	0.0028	6.9	0.35	0	*	0.0	0.00
25	16	2382	5.4	5.1	4.5	5.2	5.4	1.39	3.3	1.6	0.66	1.59	5.5	103	2.05	0.398	0.382	2.4	0.06	915	2002	79	38	B	F	0.0062	14.8	0.59	0	*	0.0	0.00
30	21	2323	6.5	6.1	5.5	6.3	6.6	1.55	3.6	2.3	0.60	1.98	7.8	103	2.07	0.330	0.316	3.0	0.08	1130	2002	96	46	B	F	0.0109	25.3	0.84	14	12.9	0.6	0.02
35	26	2254	7.5	7.1	6.4	7.4	7.7	1.69	3.8	3.0	0.55	2.36	10.0	103	2.11	0.286	0.274	3.7	0.11	1335	2002	112	53	C	F	0.0167	37.5	1.07	68	13.2	3.6	0.10
40	31	2176	8.4	7.9	7.3	8.4	8.7	1.82	4.0	3.7	0.52	2.73	12.2	103	2.14	0.256	0.245	4.2	0.13	1525	2002	125	59	C	F	0.0234	51.0	1.28	171	13.5	10.5	0.26
45	36	2091	9.3	8.8	8.2	9.3	9.7	1.94	4.2	4.3	0.49	3.10	14.1	103	2.19	0.235	0.225	4.6	0.16	1698	2002	136	65	C	F	0.0311	65.1	1.45	302	13.8	21.0	0.47
50	41	2002	10.1	9.5	9.0	10.1	10.6	2.05	4.3	4.9	0.46	3.46	16.0	102	2.23	0.220	0.211	5.0	0.18	1851	2002	145	69	C	F	0.0396	79.3	1.59	440	14.1	34.2	0.68
55	46	1910	10.8	10.2	9.7	10.9	11.4	2.15	4.5	5.4	0.44	3.82	17.6	102	2.29	0.209	0.200	5.3	0.20	1987	2002	153	73	D	F	0.0488	93.3	1.70	568	14.4	49.0	0.89
60	51	1817	11.6	11.0	10.4	11.7	12.2	2.25	4.6	5.9	0.43	4.18	19.1	101	2.35	0.201	0.193	5.6	0.22	2104	2002	158	76	D	F	0.0588	106.8	1.78	679	14.8	64.5	1.08
65	56	1725	12.3	11.6	11.1	12.3	12.9	2.34	4.7	6.4	0.42	4.53	20.4	100	2.41	0.195	0.187	5.8	0.23	2205	2002	163	78	D	F	0.0694	119.7	1.84	767	15.1	80.0	1.23
70	61	1635	12.9	12.3	11.7	12.9	13.5	2.43	4.8	6.8	0.41	4.89	21.5	99	2.47	0.191	0.183	6.0	0.25	2291	2002	166	80	D	F	0.0806	131.8	1.88	834	15.5	94.9	1.36
75	66	1548	13.6	12.9	12.3	13.5	14.1	2.52	4.9	7.2	0.40	5.24	22.5	99	2.54	0.188	0.180	6.1	0.26	2363	2002	168	81	D	F	0.0925	143.2	1.91	881	15.8	109.1	1.45
80	71	1465	14.2	13.6	12.8	14.1	14.6	2.60	5.0	7.6	0.39	5.59	23.3	98	2.61	0.186	0.178	6.2	0.27	2425	2002	169	82	D	F	0.1049	153.7	1.92	911	16.2	122.3	1.53
85	76	1387	14.9	14.2	13.3	14.6	15.2	2.68	5.1	8.0	0.39	5.94	24.1	97	2.69	0.185	0.177	6.2	0.28	2476	2002	170	82	D	F	0.1179	163.6	1.92	927	16.6	134.6	1.58
90	81	1314	15.5	14.8	13.7	15.0	15.6	2.76	5.3	8.3	0.38	6.29	24.7	96	2.76	0.184	0.177	6.3	0.29	2519	2002	170	83	D	F	0.1315	172.7	1.92	932	17.0	145.9	1.62
95	86	1245	16.1	15.4	14.2	15.4	16.1	2.84	5.4	8.6	0.38	6.65	25.3	95	2.83	0.184	0.177	6.3	0.29	2555	2002	169	83	D	F	0.1455	181.1	1.91	928	17.4	156.2	1.64
100	91	1181	16.7	15.9	14.6	15.8	16.5	2.92	5.5	8.9	0.37	6.99	25.7	94	2.91	0.184	0.177	6.3	0.30	2585	2002	169	83	D	F	0.1599	188.9	1.89	917	17.8	165.7	1.66
105	96	1121	17.2	16.5	15.0	16.2	16.8	2.99	5.6	9.2	0.37	7.34	26.1	93	2.99	0.184	0.177	6.3	0.31	2611	2002	168	82	D	F	0.1748	196.0	1.87	901	18.2	174.3	1.66
110	101	1066	17.8	17.1	15.3	16.6	17.2	3.06	5.7	9.5	0.37	7.69	26.5	93	3.06	0.185	0.178	6.3	0.31	2632	2002	167	82	D	F	0.1901	202.6	1.84	882	18.6	182.2	1.66
115	106	1015	18.3	17.6	15.6	16.9	17.5	3.13	5.8	9.7	0.37	8.04	26.8	92	3.14	0.186	0.179	6.3	0.31	2651	2002	166	82	D	F	0.2057	208.7	1.82	861	19.0	189.4	1.65
120	111	968	18.9	18.1	16.0	17.2	17.8	3.20	5.9	9.9	0.37	8.38	27.1	91	3.21	0.187	0.180	6.2	0.32	2668	2002	164	81	D	F	0.2215	214.4	1.79	839	19.4	196.1	1.63
125	116	925	19.4	18.6	16.3	17.5	18.1	3.26	6.0	10.2	0.37	8.72	27.4	90	3.29	0.188	0.181	6.2	0.32	2682	2002	163	81	D	F	0.2377	219.8	1.76	816	19.8	202.3	1.62
130	121	885	19.9	19.2	16.5	17.8	18.4	3.32	6.1	10.4	0.36	9.05	27.6	89	3.36	0.189	0.183	6.2	0.32	2696	2002	162	80	D	F	0.2540	224.8	1.73	793	20.2	207.9	1.60
135	126	849	20.4	19.6	16.8	18.0	18.7	3.39	6.1	10.6	0.36	9.39	27.8	89	3.43	0.190	0.184	6.2	0.33	2708	2002	160	80	D	F	0.2706	229.7	1.70	771	20.6	213.4	1.58
140	131	815	20.9	20.1	17.1	18.3	18.9	3.45	6.2	10.7	0.36	9.72	28.0	88	3.50	0.192	0.185	6.1	0.33	2720	2002	159	79	D	F	0.2872	234.1	1.67	749	21.0	218.4	1.56
145	136	784	21.4	20.6	17.3	18.5	19.1	3.50	6.3	10.9	0.36	10.04	28.2	87	3.57	0.193	0.187	6.1	0.33	2731	2002	158	79	D	F	0.3040	238.3	1.64	727	21.4	223.0	1.54
150	141	755	21.9	21.1	17.5	18.7	19.4	3.56	6.4	11.1	0.36	10.37	28.4	87	3.64	0.194	0.188	6.1	0.34	2742	2002	157	78	D	F	0.3209	242.3	1.62	707	21.8	227.4	1.52



Title = Ecosite Category 5 (Hygric - Poor), Spacing 1.5 m

User Name = Dick Dempster
Yield Table ID = DD1208864

Utilization Standard = 13/7

Species = Lodgepole Pine
Type = Planted
Region = Provincial
Stump DOB = 13 cm
Top DIB = 7 cm
Stump Ht = 0.3 m
Min. Merchantable Len. = 2.44 m

Site Index = 12 m @ 50 yrs bhage

Initial Density = 4444 stems/ha

Totage	Bhage	N	Dq	D	H	HDC	HTOP	CW	CLen	HTC	CR	CA	BA	SLC	ADT	RSDC	RSTOP	RD	RDI	SDI	SDF	CCF	CC	Den	TPR	V/tree	V/ha	Mai	Nm	Dm	Vm	Maim	
0	*	4444	*	*	0.0	0.0	0.0	*	*	*	*	*	0.0	*	1.50	3941.759	3940.502	*	*	*	3263	*	*	*	F	*				0	*	0.0	0.00
5	*	4437	*	*	0.4	0.5	0.5	*	*	*	*	*	0.0	*	1.50	2.901	2.852	*	*	*	3263	*	*	*	F	*				0	*	0.0	0.00
10	1	4408	0.7	0.6	1.3	1.5	1.6	0.71	1.3	0.1	0.92	0.39	0.2	243	1.51	0.984	0.956	0.2	0.00	507	3263	22	17	A	F	0.0000	0.1	0.01	0	*	0.0	0.00	
15	6	4351	2.3	2.2	2.3	2.7	2.8	0.93	2.0	0.5	0.80	0.69	1.9	120	1.52	0.559	0.538	1.2	0.02	768	3263	55	30	B	F	0.0006	2.4	0.16	0	*	0.0	0.00	
20	11	4264	3.6	3.4	3.3	3.9	4.1	1.11	2.5	1.0	0.70	1.01	4.3	113	1.53	0.389	0.373	2.3	0.04	1045	3263	85	43	B	F	0.0019	8.2	0.41	0	*	0.0	0.00	
25	16	4147	4.7	4.4	4.3	5.1	5.4	1.27	2.8	1.7	0.62	1.32	7.0	111	1.55	0.303	0.289	3.3	0.08	1326	3263	113	55	C	F	0.0042	17.5	0.70	0	*	0.0	0.00	
30	21	4004	5.6	5.3	5.3	6.3	6.6	1.41	3.1	2.3	0.56	1.64	9.9	111	1.58	0.253	0.241	4.2	0.11	1597	3263	137	66	C	F	0.0075	29.9	1.00	2	12.5	0.1	0.00	
35	26	3838	6.5	6.1	6.2	7.3	7.7	1.54	3.3	3.0	0.52	1.95	12.7	110	1.61	0.221	0.210	5.0	0.14	1849	3263	157	75	D	F	0.0116	44.3	1.27	21	12.9	1.1	0.03	
40	31	3655	7.3	6.9	7.1	8.3	8.7	1.66	3.5	3.6	0.48	2.27	15.3	110	1.65	0.199	0.189	5.7	0.17	2075	3263	174	83	D	F	0.0164	60.1	1.50	81	13.1	4.6	0.12	
45	36	3462	8.1	7.6	7.9	9.2	9.7	1.77	3.6	4.2	0.45	2.58	17.7	109	1.70	0.184	0.175	6.2	0.20	2274	3263	188	89	D	F	0.0221	76.5	1.70	191	13.3	12.1	0.27	
50	41	3263	8.8	8.3	8.7	10.1	10.6	1.87	3.7	4.8	0.43	2.89	19.8	108	1.75	0.174	0.165	6.7	0.23	2444	3263	198	94	D	F	0.0284	92.8	1.86	339	13.6	23.7	0.47	
55	46	3063	9.5	9.0	9.4	10.8	11.4	1.97	3.8	5.3	0.41	3.20	21.7	107	1.81	0.167	0.158	7.0	0.25	2587	3263	206	98	D	F	0.0355	108.7	1.98	502	13.8	38.4	0.70	
60	51	2868	10.2	9.6	10.1	11.6	12.2	2.06	4.0	5.8	0.40	3.52	23.3	107	1.87	0.162	0.153	7.3	0.27	2705	3263	211	101	D	F	0.0432	123.9	2.07	663	14.1	55.4	0.92	
65	56	2679	10.8	10.3	10.7	12.2	12.9	2.15	4.1	6.3	0.39	3.83	24.7	106	1.93	0.158	0.150	7.5	0.29	2800	3263	215	103	D	F	0.0516	138.3	2.13	806	14.4	73.2	1.13	
70	61	2500	11.5	10.9	11.3	12.8	13.5	2.24	4.2	6.7	0.38	4.15	25.9	105	2.00	0.156	0.148	7.6	0.31	2875	3263	217	104	D	F	0.0607	151.6	2.17	925	14.7	91.0	1.30	
75	66	2331	12.1	11.5	11.9	13.4	14.1	2.33	4.3	7.1	0.37	4.47	26.9	104	2.07	0.155	0.147	7.7	0.32	2934	3263	217	104	D	F	0.0704	164.0	2.19	1018	15.0	108.4	1.44	
80	71	2174	12.7	12.1	12.4	13.9	14.6	2.41	4.4	7.5	0.37	4.80	27.8	103	2.14	0.154	0.146	7.8	0.33	2979	3263	217	104	D	F	0.0807	175.4	2.19	1084	15.3	124.7	1.56	
85	76	2028	13.4	12.7	12.9	14.4	15.2	2.49	4.5	7.8	0.36	5.12	28.4	102	2.22	0.154	0.147	7.8	0.34	3013	3263	215	104	D	F	0.0916	185.7	2.19	1127	15.6	139.7	1.64	
90	81	1894	14.0	13.3	13.3	14.9	15.6	2.57	4.7	8.2	0.36	5.45	29.0	101	2.30	0.154	0.147	7.8	0.34	3037	3263	213	103	D	F	0.1031	195.3	2.17	1150	16.0	153.5	1.71	
95	86	1772	14.6	13.9	13.7	15.3	16.1	2.65	4.8	8.5	0.35	5.78	29.5	100	2.38	0.155	0.148	7.7	0.35	3054	3263	211	102	D	F	0.1152	204.0	2.15	1158	16.4	166.1	1.75	
100	91	1659	15.1	14.5	14.1	15.7	16.5	2.72	4.9	8.8	0.35	6.11	29.9	99	2.46	0.156	0.149	7.7	0.35	3065	3263	208	101	D	F	0.1277	211.9	2.12	1152	16.7	177.3	1.77	
105	96	1557	15.7	15.0	14.5	16.1	16.8	2.80	5.0	9.1	0.35	6.44	30.2	98	2.53	0.158	0.150	7.6	0.36	3072	3263	206	100	D	F	0.1408	219.2	2.09	1138	17.1	187.5	1.79	
110	101	1463	16.3	15.6	14.8	16.4	17.2	2.87	5.1	9.3	0.35	6.77	30.4	97	2.61	0.159	0.152	7.5	0.36	3075	3263	203	99	D	F	0.1543	225.8	2.05	1116	17.5	196.6	1.79	
115	106	1378	16.8	16.1	15.2	16.7	17.5	2.94	5.2	9.6	0.35	7.10	30.6	96	2.69	0.161	0.154	7.5	0.36	3076	3263	200	98	D	F	0.1683	231.9	2.02	1090	17.9	204.9	1.78	
120	111	1301	17.4	16.7	15.5	17.1	17.8	3.01	5.3	9.8	0.35	7.43	30.8	95	2.77	0.163	0.155	7.4	0.37	3075	3263	197	97	D	F	0.1826	237.5	1.98	1061	18.2	212.4	1.77	
125	116	1230	17.9	17.2	15.8	17.3	18.1	3.08	5.4	10.1	0.35	7.76	31.0	94	2.85	0.164	0.157	7.3	0.37	3072	3263	194	95	D	F	0.1972	242.6	1.94	1030	18.6	219.1	1.75	
130	121	1166	18.4	17.7	16.1	17.6	18.4	3.14	5.5	10.3	0.35	8.09	31.1	93	2.93	0.166	0.159	7.2	0.37	3069	3263	191	94	D	F	0.2122	247.5	1.90	998	19.0	225.3	1.73	
135	126	1107	18.9	18.2	16.3	17.9	18.7	3.20	5.6	10.5	0.34	8.42	31.2	92	3.01	0.168	0.161	7.2	0.37	3066	3263	189	93	D	F	0.2275	251.8	1.87	966	19.4	230.8	1.71	
140	131	1054	19.4	18.7	16.6	18.1	18.9	3.27	5.7	10.7	0.34	8.74	31.3	91	3.08	0.170	0.163	7.1	0.37	3063	3263	186	92	D	F	0.2430	256.1	1.83	935	19.8	236.1	1.69	
145	136	1005	19.9	19.2	16.8	18.3	19.1	3.33	5.8	10.9	0.34	9.06	31.4	91	3.15	0.172	0.165	7.0	0.37	3060	3263	184	91	D	F	0.2587	260.0	1.79	904	20.2	240.8	1.66	
150	141	960	20.4	19.6	17.0	18.6	19.4	3.39	5.9	11.0	0.34	9.38	31.4	90	3.23	0.174	0.167	7.0	0.38	3058	3263	181	90	D	F	0.2746	263.6	1.76	875	20.6	245.2	1.63	