



Private Woodland Planner

Small Woodland Timber and Non-Timber Forest Products Calculations Made Easy



Developed for the **small woodland manager**, some of the **key features** of PWP are:

- User friendly, informative
- Estimate timber forest products
- Estimate non-timber forest products
- Estimate value of timber growth
- Estimate CO2 uptake of your forest
- Silviculture investments
- Your values and costs
- For use anywhere in BC, Canada

User friendly screens for easy data entry and use

Private Woodland Planner - Kamloops, PWP

STEP 1 - Project Information

User Name: Harvey Kirk
Date: April 16, 2007
Location: Kamloops
Forest Region: South Interior Forest Region
Forest District: Kamloops

STEP 2 - Forest Inventory

TIMBER PRODUCTS	TOTAL	MPB Area	MPB Area	Plantation Area	Range Land	Creek Area
Forest Management Type		Unmanaged	Managed	Unmanaged	Managed	Unmanaged
Total Area (ha)	50.0	5.0	5.0	10.0	20.0	15.0
Current Age (yr)	90	90	90	10	10	90
Current Volume (m³)	5,077	970	970	0	4,999	327
Value (m³/ha)	136	136	136	0	29	355
Value (\$/m³)	\$53.60	\$53.60	\$53.60	\$0.00		\$91.95
INGROWTH (at Culmination)						
Age	111	111	130			81
Mid (m³/ha/yr)	1.30	2.21	2.21	2.88		3.68
Value per year (\$/ha)	\$7.24	\$65.7	\$65.7	\$2,043		\$4,544
Value per year (m³/ha)	25	11	11	29		55
HARVEST INFORMATION						
Harvest Age (in 0 years)	90	90	10			90
Value (\$/ha)	\$59.60	\$59.60	\$0.00	\$81.95		\$81.95
% to Harvest	CC 100	PC 50	CC 100	CC 100		CC 100
Harvest Volume (m³)	5,388	489	0	4,899		327
Value/Hectare of Harvest (\$/ha)	\$11,660	\$5,830	\$0	\$26,784		\$32,784
Value of Harvest (\$)	\$430,603	\$58,798	\$0	\$401,453		\$401,453
COSTS						
Total Costs per Cubic Meter		\$27.32	\$32.95	\$21.70		\$25.07
Total Costs (\$/ha)		\$0.245	\$3.223	\$0		\$9.187
Total Costs (\$)	\$130,913	\$1,235,727	\$16,114	\$0		\$122,000
Total Timber Profit (\$)	\$291,689	\$1,571	\$13,036	\$0		\$278,653
NON-TIMBER PRODUCTS						
Timber Boughts - Area (ha)	10.0					10.0
Timber Boughts - Profit (\$)	\$1,799					\$1,799
Wild Berries - Area (ha)	10.0					10.0
Wild Berries - Profit (\$)	\$1,400					\$1,400
Total Non Timber Profit (\$)	\$3,199	\$0	\$0	\$0		\$1,400
TOTAL PROFIT (\$)	\$294,888	\$1,571	\$13,036	\$0		\$280,452

Summary reports.

Private Woodland Planner (Version: 2.00)

User: Harvey Kirk
Location: Kamloops
Forest Region: South Interior Forest Region
Forest District: Kamloops

Page 1 of 1
Small Report
Current Forest Region
Current Forest District
Forest: KAMLOOPS

TIMBER PRODUCTS	TOTAL	MPB Area	MPB Area	Plantation Area	Range Land	Creek Area
Forest Management Type		Unmanaged	Managed	Unmanaged	Managed	Unmanaged
Total Area (ha)	50.0	5.0	5.0	10.0	20.0	15.0
Current Age (yr)	90	90	90	10	10	90
Current Volume (m³)	5,077	970	970	0	4,999	327
Value (m³/ha)	136	136	136	0	29	355
Value (\$/m³)	\$53.60	\$53.60	\$53.60	\$0.00		\$91.95
INGROWTH (at Culmination)						
Age	111	111	130			81
Mid (m³/ha/yr)	1.30	2.21	2.21	2.88		3.68
Value per year (\$/ha)	\$7.24	\$65.7	\$65.7	\$2,043		\$4,544
Value per year (m³/ha)	25	11	11	29		55
HARVEST INFORMATION						
Harvest Age (in 0 years)	90	90	10			90
Value (\$/ha)	\$59.60	\$59.60	\$0.00	\$81.95		\$81.95
% to Harvest	CC 100	PC 50	CC 100	CC 100		CC 100
Harvest Volume (m³)	5,388	489	0	4,899		327
Value/Hectare of Harvest (\$/ha)	\$11,660	\$5,830	\$0	\$26,784		\$32,784
Value of Harvest (\$)	\$430,603	\$58,798	\$0	\$401,453		\$401,453
COSTS						
Total Costs per Cubic Meter		\$27.32	\$32.95	\$21.70		\$25.07
Total Costs (\$/ha)		\$0.245	\$3.223	\$0		\$9.187
Total Costs (\$)	\$130,913	\$1,235,727	\$16,114	\$0		\$122,000
Total Timber Profit (\$)	\$291,689	\$1,571	\$13,036	\$0		\$278,653
NON-TIMBER PRODUCTS						
Timber Boughts - Area (ha)	10.0					10.0
Timber Boughts - Profit (\$)	\$1,799					\$1,799
Wild Berries - Area (ha)	10.0					10.0
Wild Berries - Profit (\$)	\$1,400					\$1,400
Total Non Timber Profit (\$)	\$3,199	\$0	\$0	\$0		\$1,400
TOTAL PROFIT (\$)	\$294,888	\$1,571	\$13,036	\$0		\$280,452

Private Woodland Planner was developed to assist small woodland managers assess the timber and non-timber forest product values on their land. PWP version 2.0 was updated with the support of FORREX Forest Research Extension Partnership, funded by the Forest Investment Account.

PWP is available at no cost from:

1. Enfor Consultants Ltd: www.enfor.com/software/pwp
2. BC Small Woodland Partnership Outreach: www.woodlot.bc.ca/swp/Downloads/Downloads/PWP_software.html
3. FORREX: www.forrex.org