



Private Woodland Planner

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



User friendly screens for easy data entry and use

Project Information:

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

Forest Inventory Table:

Species	TOTAL		MPB Area		MPB Area		Plantation Area		Range Land		Creek Area	
	Include	Exclude	Include	Exclude	Include	Exclude	Include	Exclude	Include	Exclude	Include	Exclude
Forest Management Type			Unmanaged	Managed	Unmanaged	Managed	Unmanaged	Managed	Non Timber	Managed	Unmanaged	Managed
Total Area (ha)	50.0		5.0	45.0	5.0	45.0	10.0	30.0	20.0	15.0	15.0	15.0
Current Age			90	90	90	90	10	10	90	90	90	90
Current Volume (m³)	5,077		570	570	570	570	0	0	4,059	4,059	4,059	4,059
Vol/ha (m³/ha)			195	195	195	195	0	0	327	327	327	327
Value (\$/m³)			\$53.60	\$53.60	\$53.60	\$53.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
									\$0.95	\$0.95	\$0.95	\$0.95
Harvest Costs												
Total			1.90	2.21	2.21	2.21	2.88	3.68				
Value per year (\$/y)			\$7,243	\$657	\$657	\$657	\$2,043	\$4,544				
Value per year (m³/y)			95	11	11	11	29	55				
Harvest Year												
Partial Cut %												
Harvest Volume (m³)			5,388	978	978	978	489	4,899				
Value/Hectare of Harvest (\$/ha)			\$11,660	\$5,930	\$5,930	\$5,930	\$0	\$26,764				
Value of Harvest (\$)			\$430,603	\$58,298	\$58,298	\$58,298	\$0	\$401,453				
COSTS												
Total Costs per Cubic Meter									27.32	\$32.95	\$21.70	\$25.07
Total Costs (\$/ha)									\$3,345	\$3,223	\$0	\$8,187
Total Costs (\$)									\$130,913	\$26,727	\$16,114	\$122,000
Total Timber Profit (\$)									\$291,688	\$31,571	\$13,036	\$278,653
NON TIMBER PRODUCTS												
Total Bought - Area (ha)									10.0	10.0	10.0	10.0
Total Bought - Area (\$)									\$1,790			\$1,790
Wharf Fees - Area (ha)									10.0			
Wharf Fees - Profit (\$)									\$1,400		\$1,400	
Total Non Timber Profit (\$)									\$2,199	\$0	\$0	\$1,799
TOTAL PROFIT (\$)									\$234,888	\$31,571	\$13,036	\$280,452

Summary reports.

Summary Report:

Category	Value (\$)
TIMBER PRODUCTS	\$234,888
NON TIMBER PRODUCTS	\$2,199
TOTAL PROFIT (\$)	\$280,452

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

Simple analysis of your **timber and non-timber products**

Timber Harvesting Cost - Hardwood Site

Forest Polygon

Unmanaged Timber Land (VDYP)

Non Timber Products

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