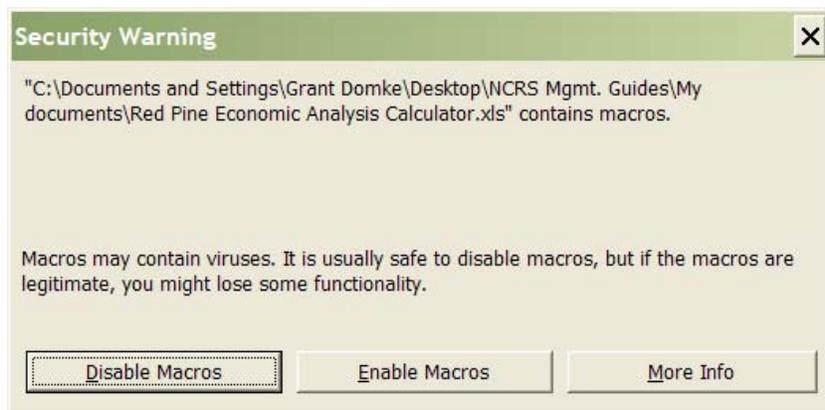


Red Pine Economic Analysis Calculator Users Manual

The *Red Pine Economic Analysis Calculator* can be opened like any ordinary Excel workbook. It is a highly automated workbook built around the Visual Basic for Applications language.

After opening the *Red Pine Economic Analysis Calculator* you may be prompted to enable macros. Should this prompt appear on your screen select **Enable Macros** to allow the automated features to work properly.



The *Red Pine Economic Analysis Calculator* also requires that Excel's macro security feature be set to Medium or Low. If your security settings are currently set too high, you will be prompted to change the security level. If this is the case, hit OK and choose **Tools / Macros / Security** from Excel's menu bar and adjust the security level accordingly. Once the security settings have been adjusted, close Excel and open the *Red Pine Economic Analysis Calculator* again and it should run properly. For more information select the **Show Help** tab.



Once you have enabled macros and selected the appropriate security settings, locate the three boxes labeled **Site index**, **Stand age** and **Trees per acre** and choose the values which most closely resemble your stand.

Red Pine Economic Analysis Calculator

Red Pine Economic Analysis Calculator

RESBOSA version 2.0 written by Timothy Mack and Tom Burk
TREEM version 1.0 written by Mike Klypare and Denys Goychuk

Stand Conditions | Economic Assumptions (Advanced)

Please select the values which most closely resemble your stand:

Site Quality: Medium (~ 60 feet tall at age 50 years)

Stand Age: Medium (~ 60 years old at age 50 years) (please select one)

Trees per Acres: 350

Diameter: enter 6 inches
or press **Auto** to have program estimate approximate diameter

Basal Area: 69 Square Feet/Acre

Save and Go to Results Page | Print this Page

Next enter the average diameter of trees in your stand or press **Auto** to have the program estimate the approximate diameter.

Now select the **Economic assumptions** tab within this page. This section allows you to adjust the **Price** and **Cost assumptions**, **Anticipated rate of return** and **Utilization** values for your particular situation.

At this point you can print this page by selecting the **Print this page** and move onto the results section by selecting **Save and go to results page**.

The Management Results and Revenues page displays the **Stand conditions**, **Management and results** and **Revenues** based on the stand and economic information you provided on the previous page.

Economic Optimization Module

Management Results and Revenues

Characteristics of Your Stand:

Age Class:	25 years
Number of Trees per Acre:	350
Diameter at Breast Height:	6 inches
Site Quality:	60



Your Economic Assumptions:

Sawtimber Price:	\$ 150	, increased by	1	% per year
Pulpwood Price:	\$ 20	, increased by	1	% per year
Discount Rate:	0.00	% per year		
Total Costs (if applicable):	\$ 250			

Management and Results (per acre):

Number of Thinnings 5 about 1, 10, 21, 37, 64 years from now.
Pulpwood Volume Removed: 2.3, 3.2, 1.8, 1.0, 0.6 cords, correspondingly.
Sawtimber Volume Removed: 0.1, 1.1, 3.5, 6.3, 9.7 MBF, correspondingly.
Final Harvest is about 79 years from now, when stand is 104 years old
Final Pulpwood Volume: 1 cords. Final Sawtimber Volume: 34 MBF

Revenues (per acre):

Financial Returns from Thinnings: \$ 57, 259, 692, 1390, 2763 correspondingly.
Financial Returns from Final Harvest: \$ 11305
Your TOTAL Financial Revenues: \$ 15969

Return to previous page Print this page Exit Calculator

You can print these results, return to the Stand Conditions and Economic Assumptions page or exit the Calculator. If you select exit you will enter an Excel screen where you will be prompted to save your work. Select yes or no and exit the Excel window to return to the Red Pine Economics section within the North Central Forest Management Guides.

Microsoft Excel



Do you want to save the changes you made to 'Red Pine Economic Analysis Calculator.xls'?

Yes No Cancel