TAURUS

Least Cost and Ration Analysis Programs
for Beef Cattle
Version Number 2014
Regional Software Dissemination Site: USA

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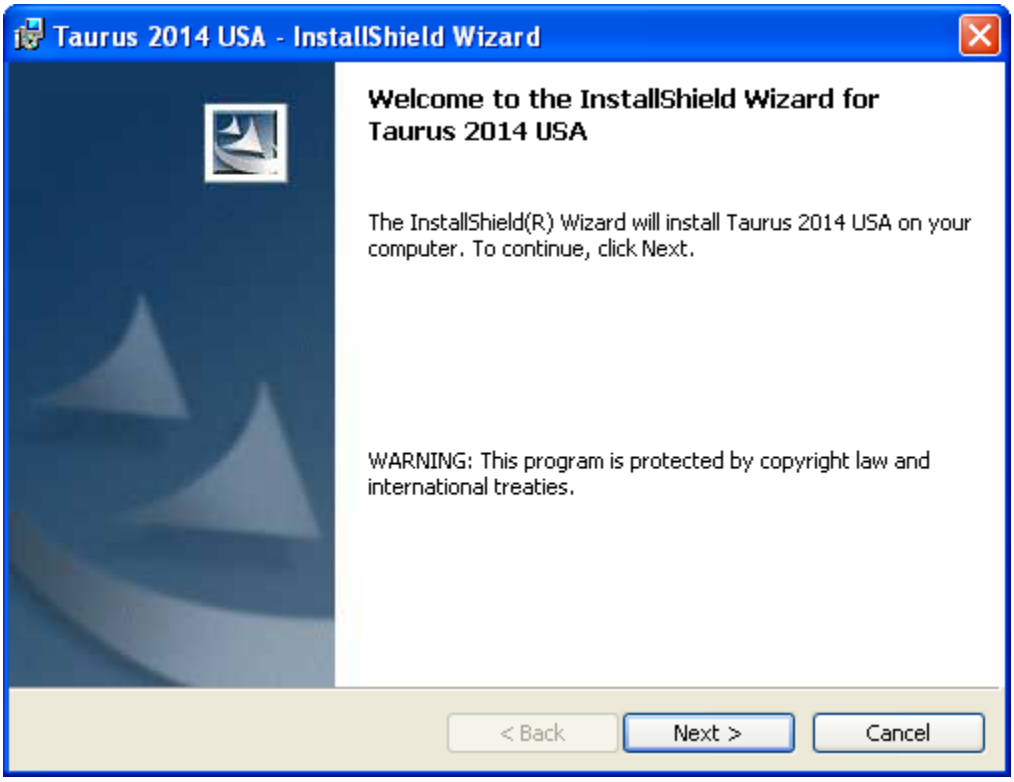
How to Install?

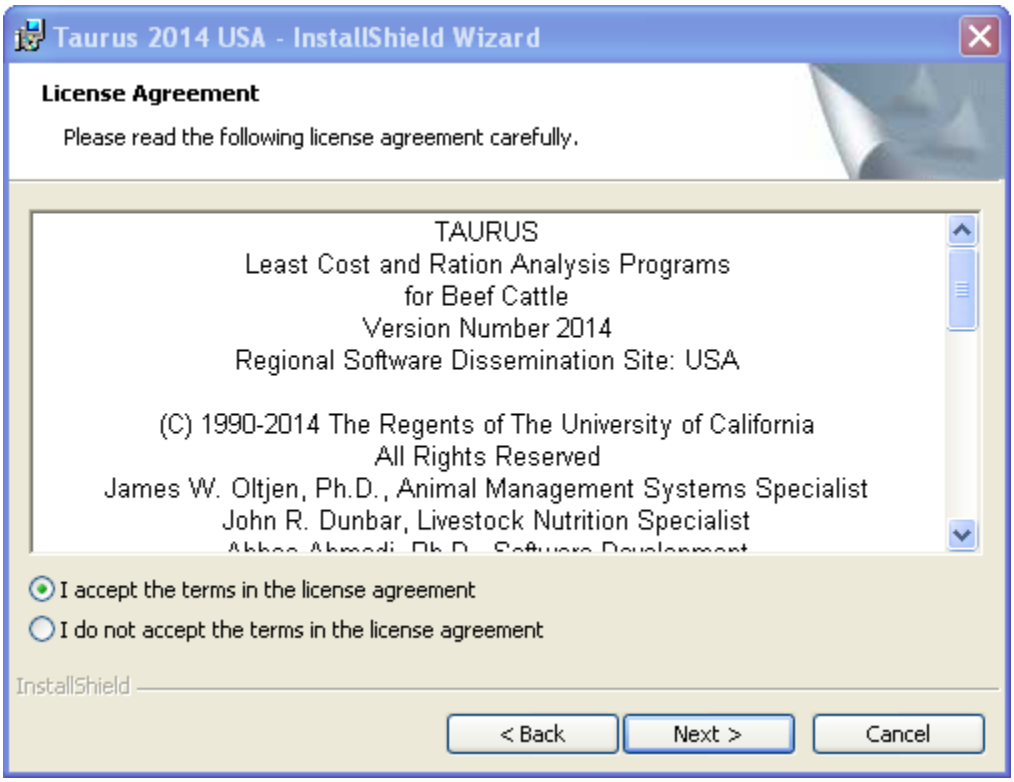
1. Insert the Taurus CD into the CD-Rom drive.
2. Using your Windows Explore, navigate to the CD and you will see a file called Setup.exe:

3. Double click Setup.exe. The Welcome dialog box appears:



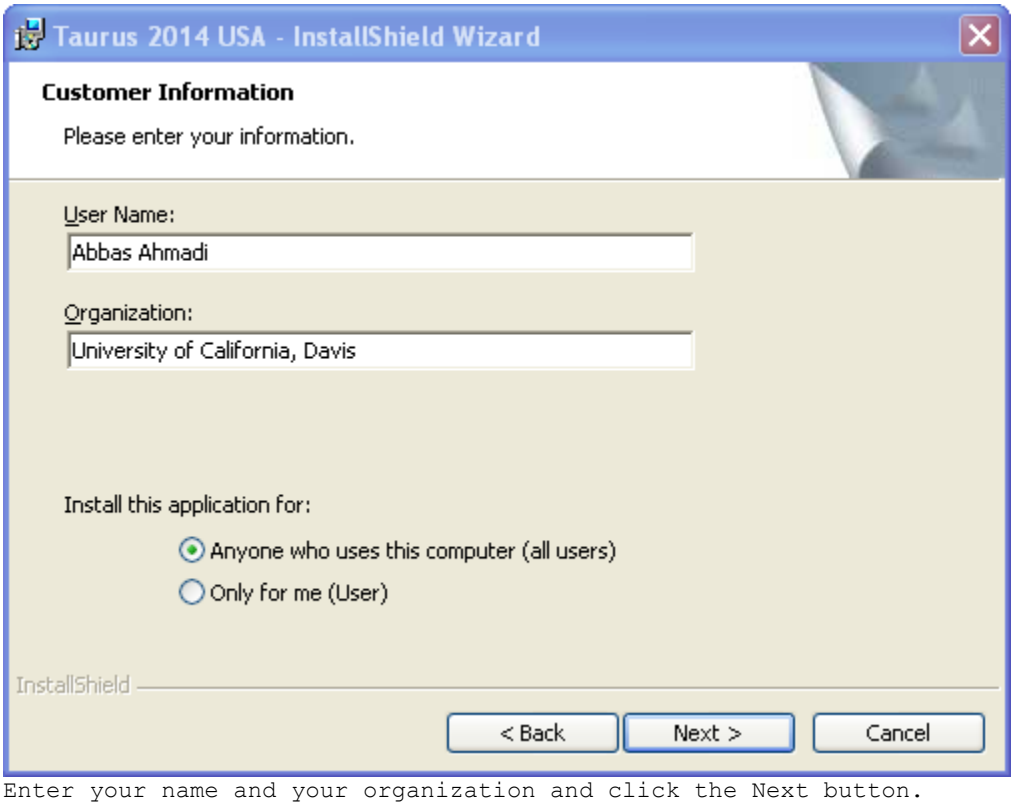
Clock the Next button.

4. The License Agreement dialog box appears:



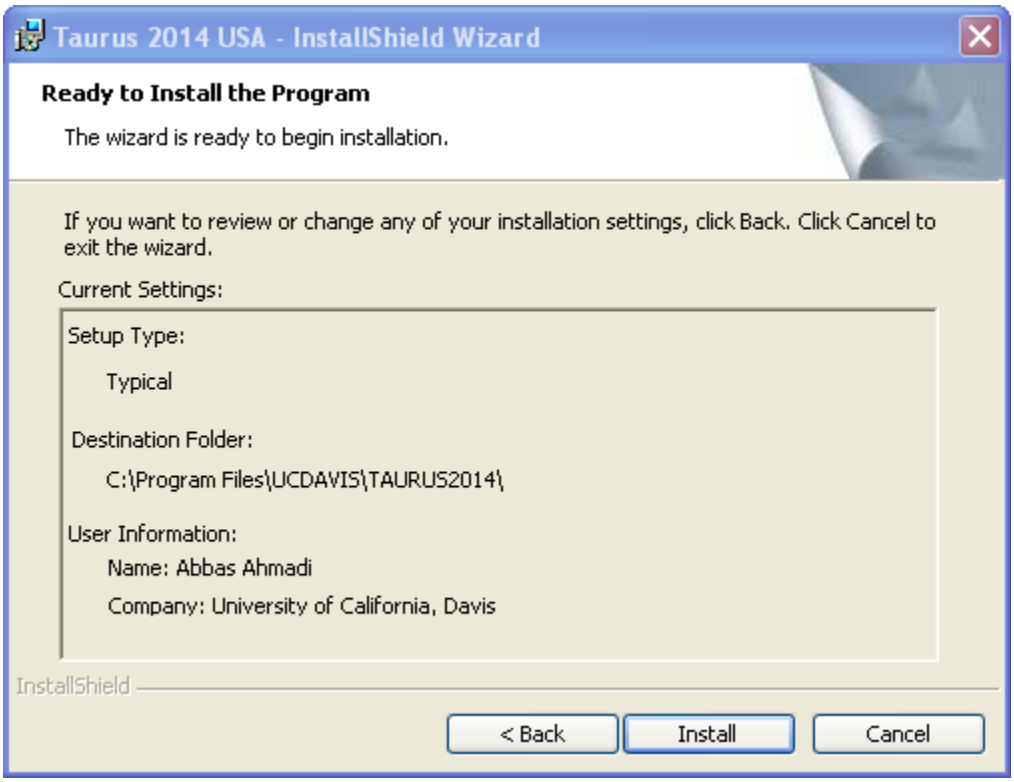
Accept the terms in the license agreement and click the Next button.

5. The Customer Information dialog box appears:



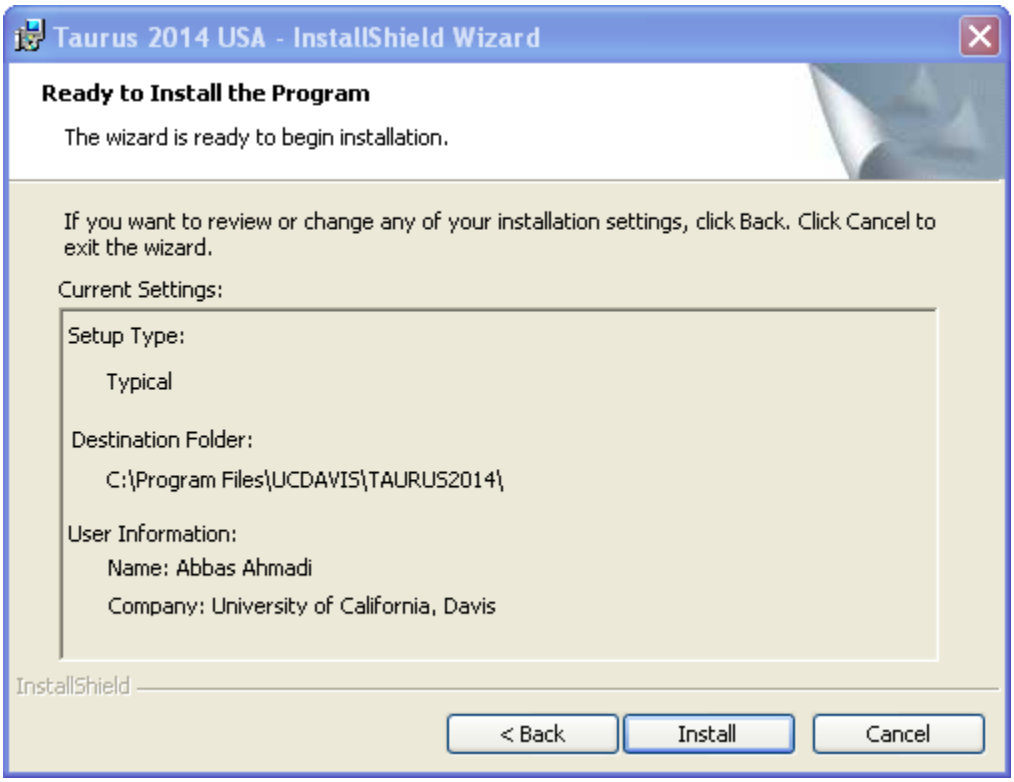
Enter your name and your organization and click the Next button.

6. The "Ready to Install the Program" dialog box appears:

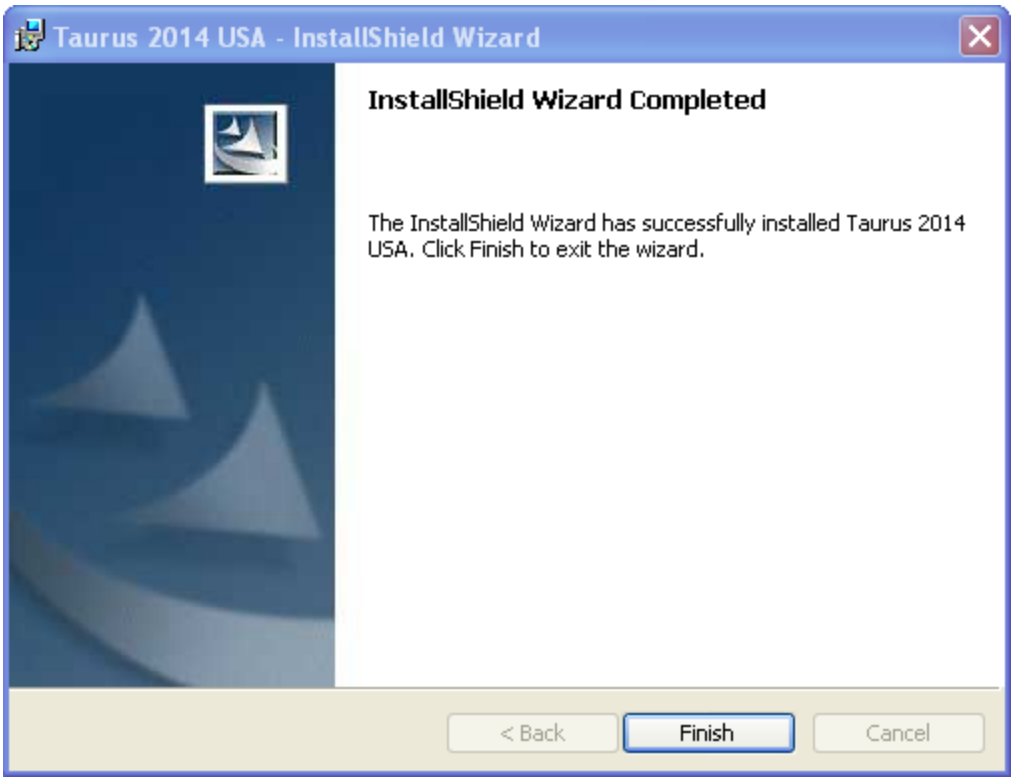


Click the Install button.

7. The wizard will install the Taurus program on your computer. It may take SEVERAL minutes:



8. Finally, the final dialog box appears:



Click the Finish button. The wizard finishes the installation and will place a shortcut to Taurus on your desktop. It also adds the Taurus to your program menu.

9. It will create a folder called **"C:\Program Files\UCDAVIS\TAURUS2014\"** and will place the **taurus.exe** file plus the **demo.tau** ration file in that folder

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Taurus folder

All Taurus files are stored in the following folder:
C:\Program Files\UCDAVIS\TAURUS2014

Ration Files

All Taurus ration files have the .TAU extension and are stored, by default, in the above folder.

Feed Library Files

There are four feed library files: (1) TAUSTD.DBF, standard feed library; (2) TAUALT.DBF, alternate feed library; (3) TAUGRP.DBF, feed group library; (4)TAUINF.DBF, infeasible feed library. These files are stored in the **C:\Program Files\UCDAVIS\TAURUS2014** folder.

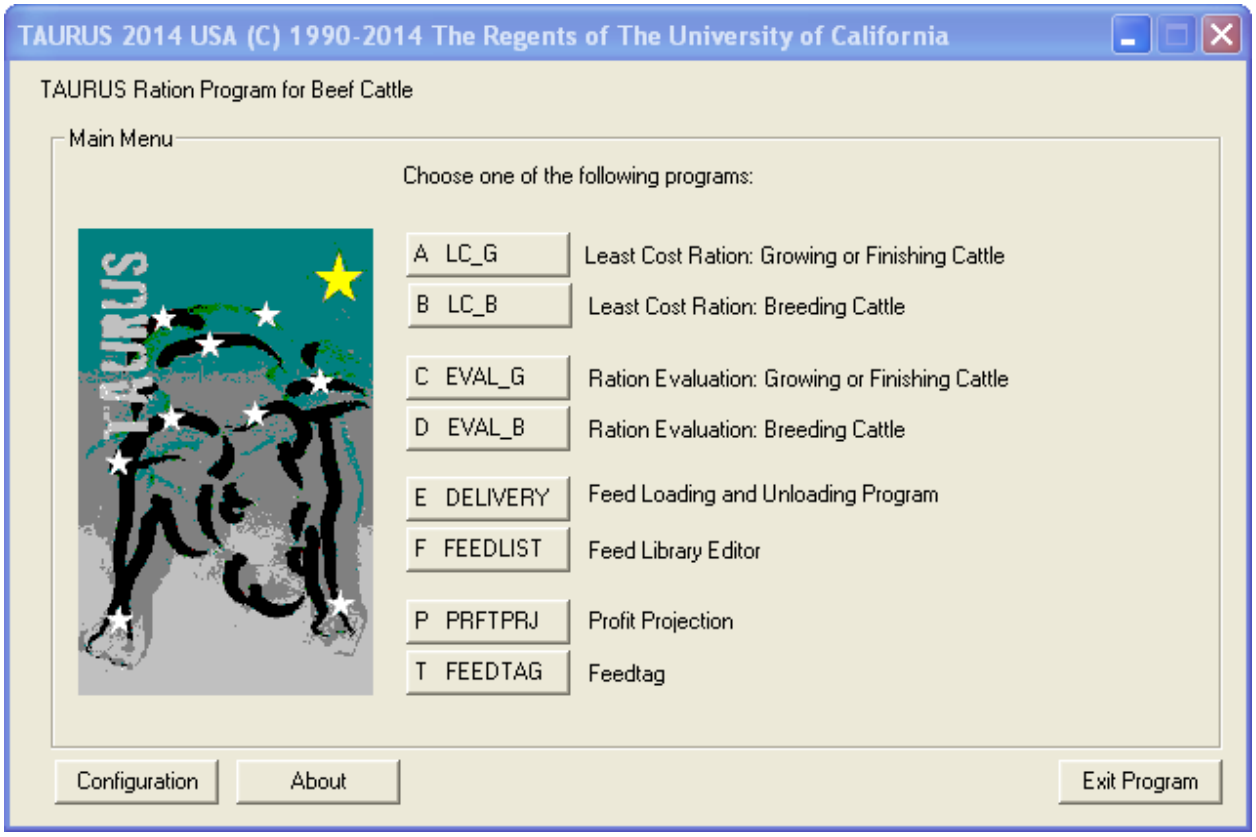
Taurus Manual

The Taurus manual, Taurus.pdf, is stored in the Taurus folder. To view and print this file, you need Adobe Acrobat Reader. You can get a free copy of this software by visiting the following web site:
http://www.adobe.com/products/acrobat/readstep2.html

The Taurus order form, OrderForm.pdf, is also in the same folder

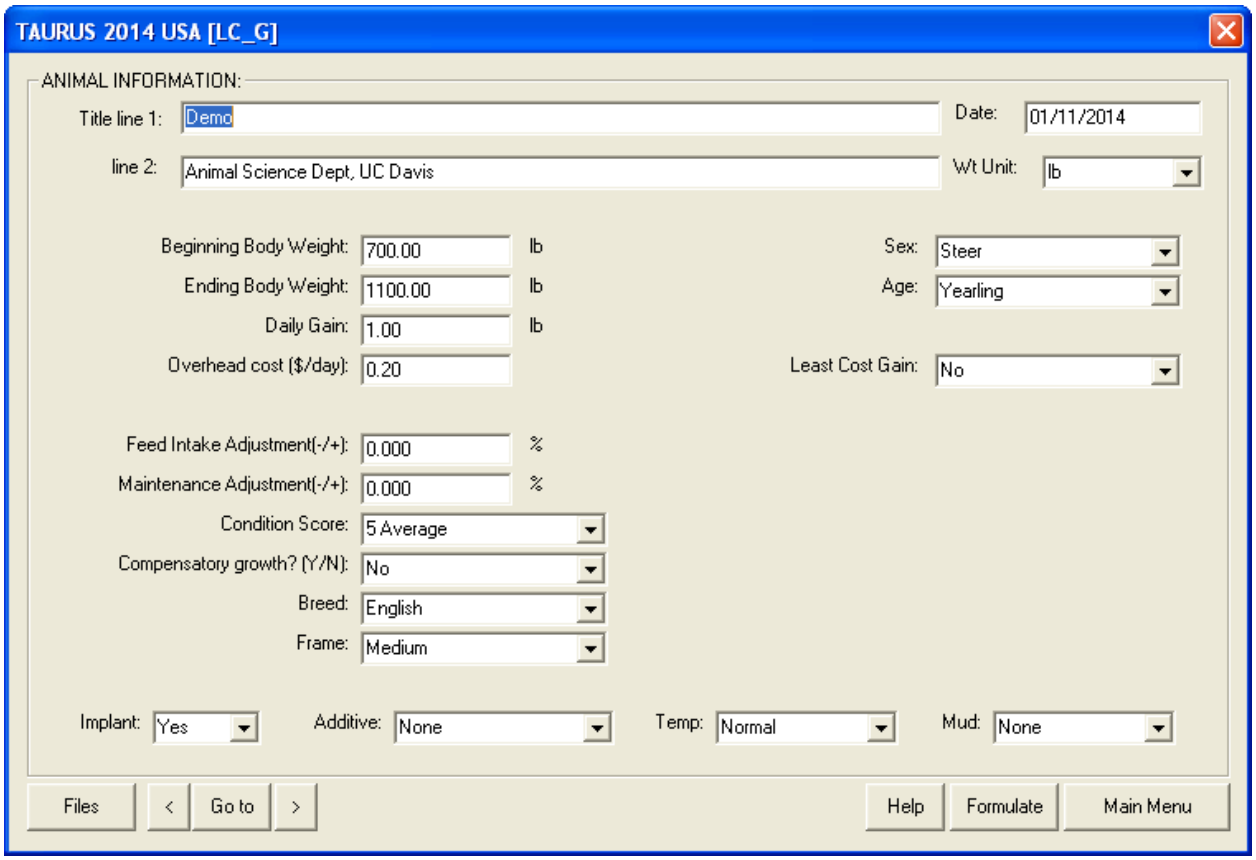
How to Run?

1. Click the Start button and then choose the "All Programs". A menu list appears.
2. Choose the "UCDAVIS" option. A sub-menu appears.
3. Choose the "TAURUS2014" option. Another sub-menu appears. Choose the "Launch Taurus.exe" option. The sign-on banner of Taurus appears. Click the OK button. The main menu of Taurus appears:



Choose the "Least Cost Ration: Growing or Finishing Cattle" option. The Animal Information dialog box appears:

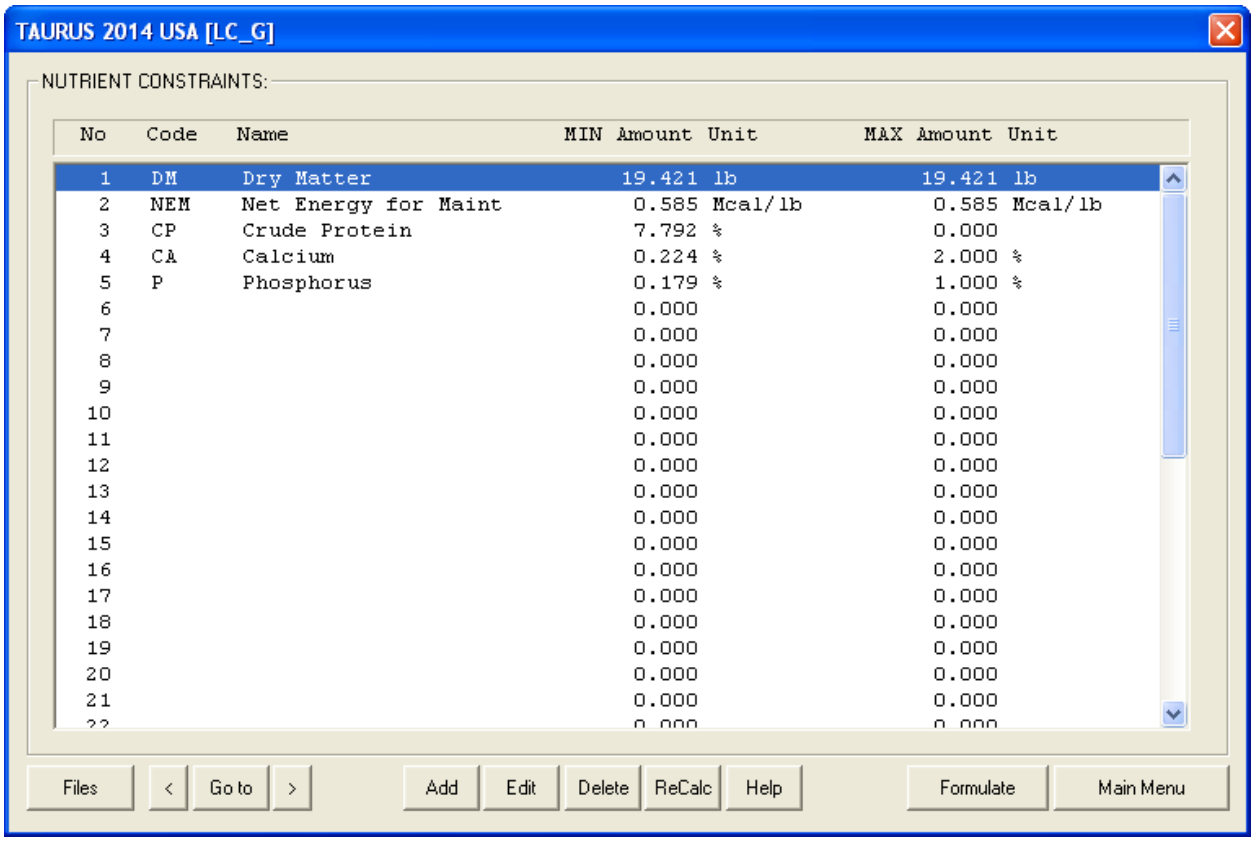
4. Animal Information dialog box:



From the "Files" menu, choose the "Open" option. Navigate to C:\Program Files\UCDAVIS\TAURUS2014\ folder. Open the Demo.Tau ration file.

Click the [>] (Next Button). The Nutrient Constraints dialog box appears.

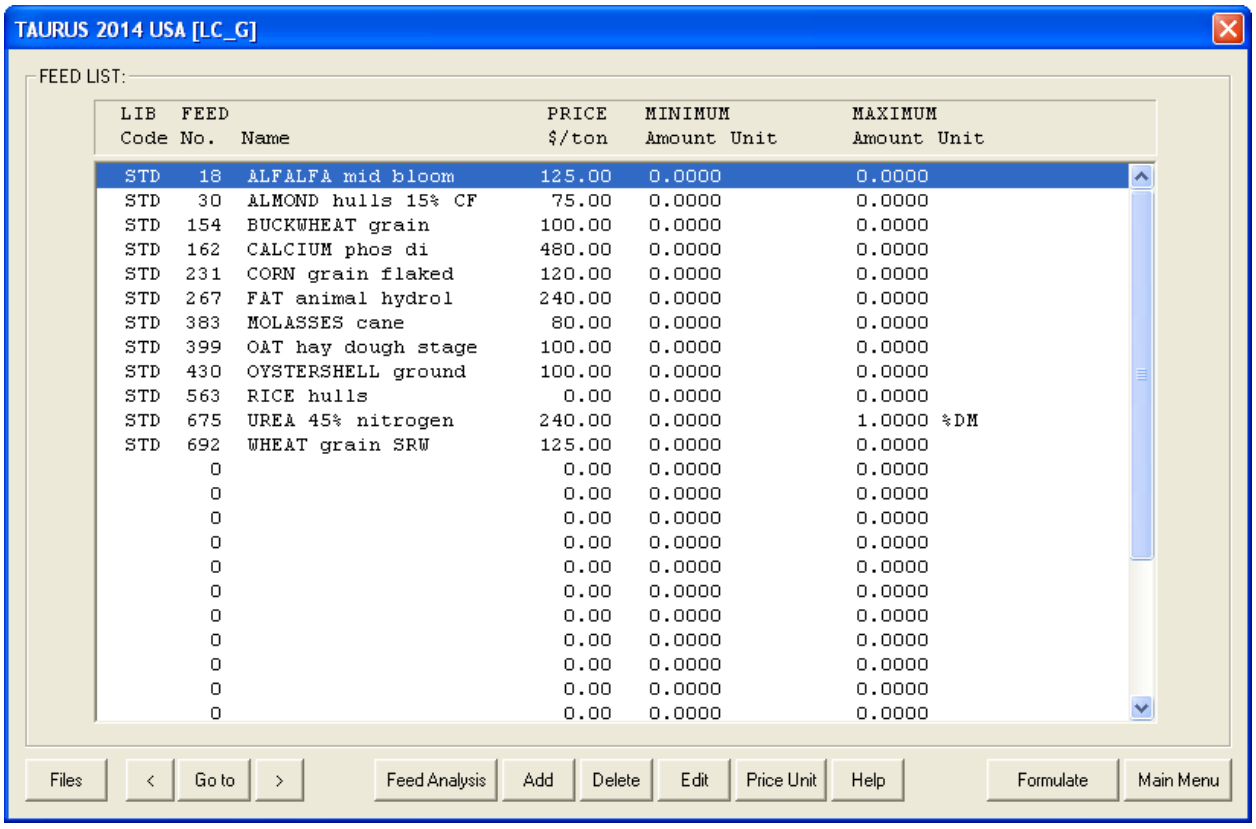
5. The Nutrient Constraints dialog box:



Here you can click the "ReCalc" button to populate this dialog box with a set of default constraints. You can add, delete or modify any or all of these constraints.

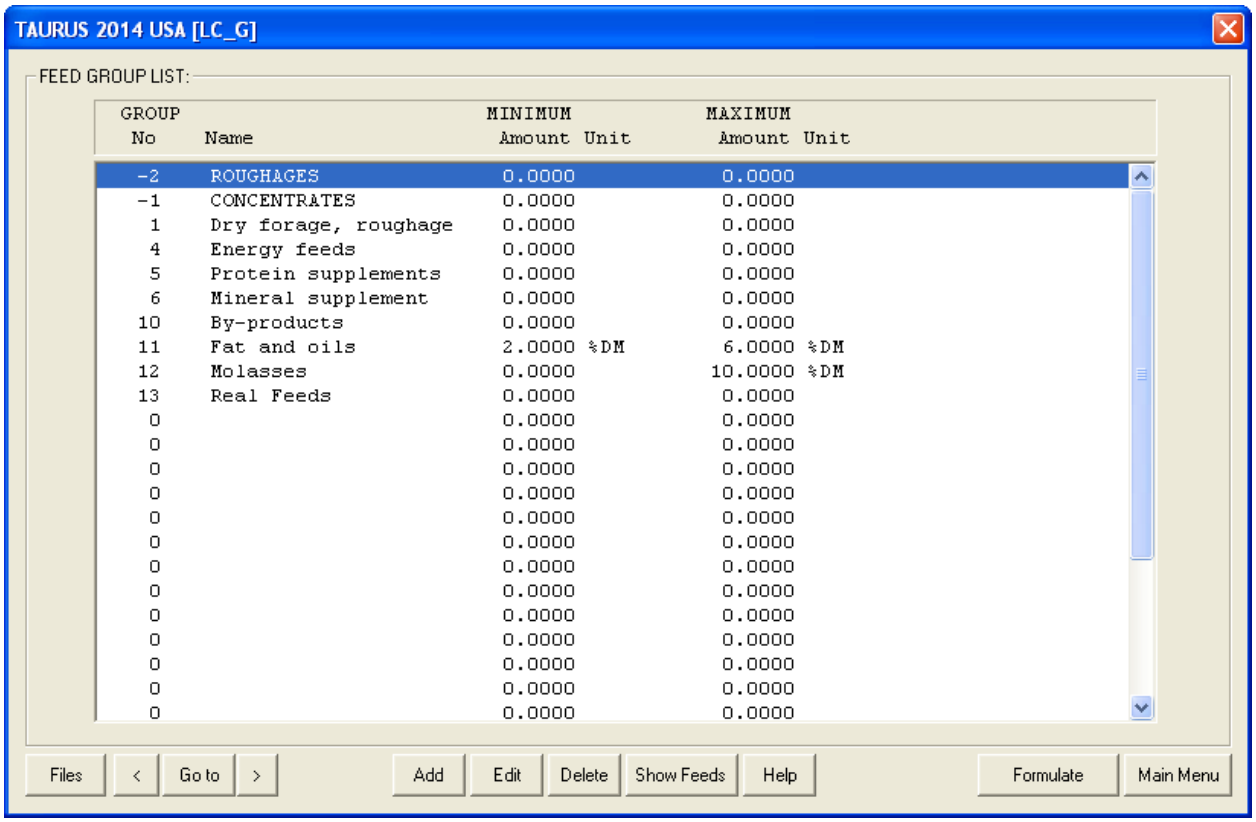
After you are done. Click the Next button. The Feed List Dialog box appears.

6. The Feed List dialog box:



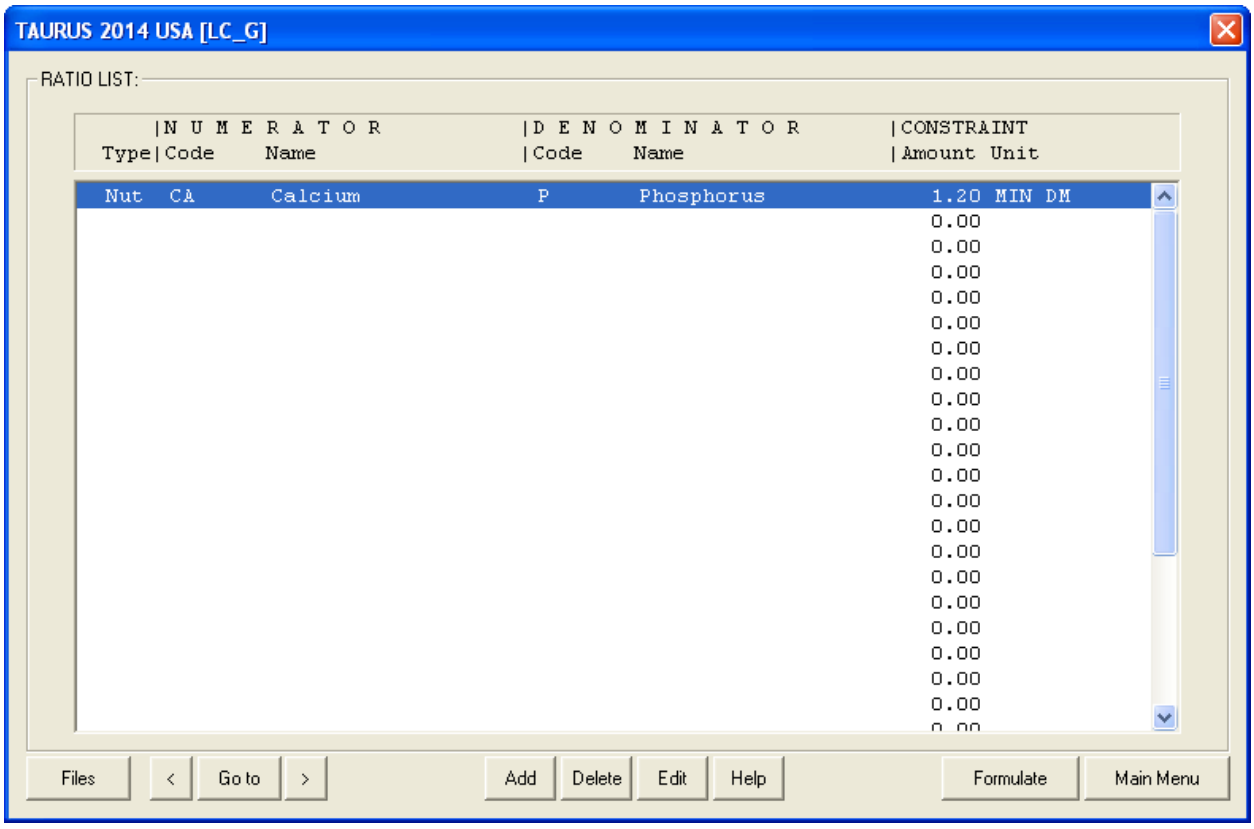
You can add, edit, or delete feeds. You can specify feed price and assign a min or max amount on a feed. You cam also edit the nutrient analysis of a feed. These changes remain local to this ration file and will not reflect back to feed libraries. After you are done, click the Next button. The Group Constraints dialog box appears.

7. The Group Constraints dialog box:



you can specify a min or max for feed groups. When you are done, click the next button. The Ratio Constraints dialog box appears. .

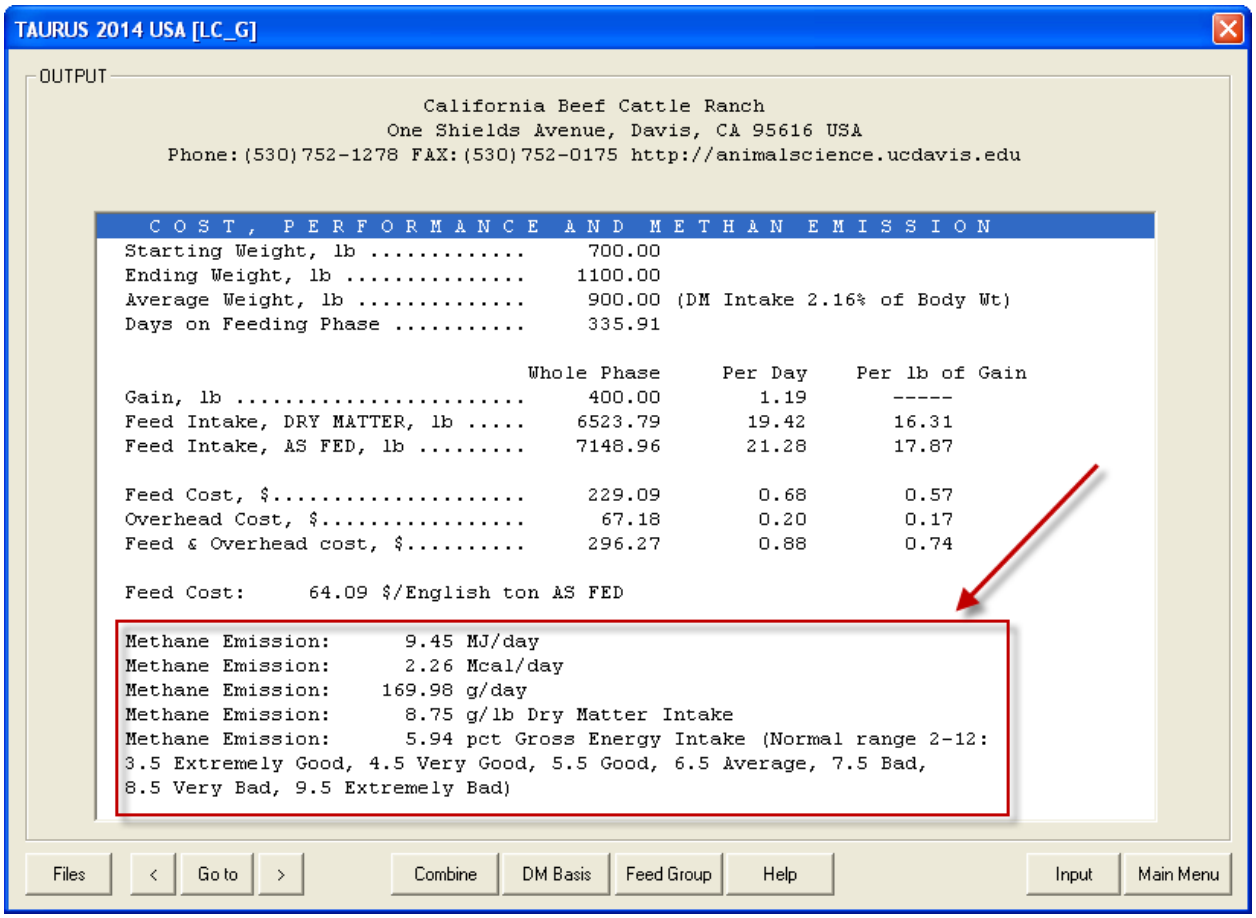
8. The Ratio Constraints dialog box:



You can specify a min or max to the ratio of any two nutrients, or any two feeds, or any two feed groups.

When you are done click the Formulate button. The program will enter the formulation mode and will formulate the ration and will show the output dialog box.

9. The Output Screen



By clicking the Next button you can view the following screens:
Cost, Performance, and Methane Emission
Ration Composition
Price Ranges / Feeds Not Used
Nutrient Analysis Detailed information about feeds

You can also view the results for all feeds or for a specific feed group on 100% DM basis or on AS Fed basis.

You can also print the output or go back to the input screens and modify some entries and re-formulate the ration.