

## Dairy Cash Flow Budget Spreadsheet Instructions

The **Dairy Cash Flow Budget** was originally a cash flow projection paper spreadsheet as part of the Coordinated Financial Statements, North Central Regional Extension publications NCR-34 worksheet V. You may be able to obtain copies from your local Extension office. Roger Betz, District Farm Management Agent and Bill Robb, Extension Dairy Agent, Michigan State University Extension converted it to an Excel electronic spreadsheet.

Green shaded cells require input on cows milking, milk per day and milk price to generate milk income or total expenses for the year in column P.

Black text cells are protected and **blue text cells** can receive input but also have a formula.

Cell formulas are visible so you can see the calculations. Some of the cells (**Blue Text**) are not protected, therefore we suggest you **make a backup copy** and backup worksheets before you start entering data in case you remove any formulas.

**You can input your annual income and expense figures from the prior years record keeping system into **column P** and it will allocate 1/12th evenly to each month. Enter lump sum payments, like rents, in the months that they occur.**

Use the "**Existing Loans**" worksheet to input your existing Operating, Intermediate and Long Term principal amounts that will be carried over to the "Farm Name" and used in cells B104,106,108.

A weighted average interest percent is calculated and entered on the farm worksheet on line 77. This is used to calculate the interest expense in line 78.

**Important!** The "Existing Loans" worksheet has example loans that need to be replaced with your specific loan information. The "Existing Loans" information is linked and used in both the "Farm Example" and the "Farm Name" worksheets.

Line 98 "ending cash balance" will be 0 in a negative cash position (line 86) because operating money will automatically be borrowed (line 89).

The "new operating loan" monthly balance or accumulated cash deficit (in red) is shown on line 102.

Estimates from DHIA PCDART or other records can assist you in estimating milking cows per month.

Milk price forecasts can be estimated with help from the following sources:

[http://www.canr.msu.edu/msue\\_thumb/index.htm](http://www.canr.msu.edu/msue_thumb/index.htm)

<http://www.fmmaclev.com/>

[http://www.cme.com/httpwrapper.cfm?wrap=/wrappedpages/delayed\\_intraday\\_quotes/10min\\_futures/r\\_da.html](http://www.cme.com/httpwrapper.cfm?wrap=/wrappedpages/delayed_intraday_quotes/10min_futures/r_da.html)

If your records lack an expense category you can obtain Michigan averages to use as benchmark figures at;

<http://www.msu.edu/user/nott/>

If you find this spreadsheet helpful or if you find any calculation errors, or if you have suggestions for improvement please contact Bill Robb at [robbg@msu.edu](mailto:robbg@msu.edu).