

## Develop a budget to ensure you are valued.



- 1) Use last year's records as a starting point for your five-line income statement. If you're starting a new operation, plenty of information is available! For example:
  - <http://agalternatives.aers.psu.edu/>
  - <http://cdp.wisc.edu/Budgets,%20Spead%20&%20Programs.htm>
  - <http://www.ces.uga.edu/Agriculture/agecon/printedbudgets.htm>
 Make sure you take regional cost differences into account (land rent is a good example of this.)
- 2) Calculate your five-line income statement.
  - COGS = any expense that helps produce one more unit of output.
    - Production labor and associated payroll expenses, including workman's compensation, unemployment taxes, FICA, Medicare, health insurance
    - Crop or livestock inputs – seed, fertilizer, soils, chemicals, feed
  - Overhead = any expense that you incur no matter how much production you actually have.
    - The main ones are the "DIRTI" Five:
      - Depreciation, Interest, Repairs, Taxes, Insurance
      - Don't forget to include Managers' and Bookkeepers' wages/salaries, marketing, and utilities.
- 3) Calculate the percent of sales for each line. (Divide the dollars for each line by the total sales.)
- 4) Create your budget—from the bottom up. Start with your desired draw (the amount you and your family need to take from the operation to live on, plus income taxes). Add the principal portion of any loan payments you need to make in 2011 to get the total profit needed from the operation.
- 5) Add your overhead expenses to the required profit to figure the gross margin the operation will need to yield. Your overhead expenses shouldn't change much from the previous year, unless you've undergone a significant expansion or other major change.
- 6) Determine the breakeven sales needed in your operation to support the overhead obligations and profit required. Do this by dividing the gross margin (E) by the gross margin as a percent of sales (taken from your records, calculated in step 3).
- 7) Step back and see if this budget makes sense. Is this sales volume reasonable for this year, especially if it's your first year in business? Is it possible for the acreage you raise and the market prices of your products? If it is, great! Develop a marketing plan (action plan) to achieve that level of sales. If not, that's okay. Rework until you have a plan that is sound. If this is a building year, how will you achieve your goal (and finance the operation in the meantime)? Address these questions early in the year to ensure you have a complete plan.

Historical	Dollars	% of Sales
Sales:	\$	100%
- Cost of Goods Sold:	\$	%
= Gross Margin:	\$	%
- Overhead	\$	%
= Profit (Net Income)	\$	%

2011 BUDGET		
Owner Draw Desired (include income taxes):	\$	(A)
Bank principal payments required:	\$	(B)
TOTAL PROFIT REQUIRED: (A+B)	\$	(C)
Overhead expenses	\$	(D)
GROSS MARGIN REQUIRED: (C+D)	\$	(E)
COGS	\$	(F)
SALES VOLUME REQUIRED: (E/[E as % of sales—from historical])	\$	(G)