Farm Budget Generator V.I_2008 Workbook Training
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Ventura County –Growers

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Working on FBG V.I_2008 Workbook

Farm Budget Generator V. I_2008 Workbook
Microsoft Excel and Visual Basics Application (VBA)

Crop Enterprise Budget Calculator for Establishment and Production Costs of Perennial and Annual Crops

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Introduction

The farm budget generator (FBG) is a Microsoft Excel Workbook developed using Visual Basics Application (VBA) programming for calculating crop enterprise budgets or cost of production. The program has capability to calculate multi-year establishment and producton costs for perennial crops as well as to compare and analyze several years' costs of the same crop.

System Requirements

The FBG program folder contains two files:

1) The User's Guide Manual in Microsoft word and 2) the Budget Generator Spreadsheet in Microsoft Excel.

To open or download the files you will need the following:

Microsoft Office 2000, XP or a higher version of operating system and Microsoft Office applications (Excel and Word) of 1997 or above.

2.53 MB of disk space in your hard drive: 1.61 MB for the Excel worksheet and 913 KB for the user's guide Microsoft word manual.

System Security: Set your system security level at Medium to enable the macros functionlaity in the program.
Click on Tools / Macros / Security / Medium

WARNING

The worksheet contains macro formats and formulas needed to perform all the calculations. Any changes may cause invlaid macros and cause inaccurate results.

Double click on the User's Guide below to download and print the operation manual.

USER'S GUIDE   *(if it cannot be opened here, go to the **Farm Budget Generator V. I User's Guide V.I_2008** and open the file in word).*

| ◄ | ◄ | ► | ►| \ User's Guide / Budget / Prices & Rates / Machinery / Vehicles / Investment / |

FBG V.I_2008 Workbook
What is it?

- Crop Enterprise Budget Calculator for:

  - establishment and production

    costs/budgets of perennial crops

      or

  - historical costs/budgets of annual crops

FBG_2008
Purpose—Why is it needed?

- Cost studies are one of the widely used economic information in Ag: UC develop several each year
- These studies address needs such as:
  - Feasibility/viability analysis of enterprise/farm
  - Evaluating the impact of inflation
  - Risk management
  - Loan application/evaluation by borrowers & lenders
  - Property appraisals
  - Government policy development and impact analysis

Why the FBG_2008?

- As much as our cost studies are very useful for general purposes, they do not address specific/individual situations, and

- Most programs may be
  - Perceived to be complex or
  - Not directly compatible to Windows operating systems

FBG_2008:
Program Feature

- FBG can be customized to individual needs and use because of its Microsoft compatibility—program is in Microsoft Excel and Visual Basics Application;

- The model is simple, presents only one output (however, it is limited in that it does not provide cash flow tables or breakeven Scenarios).

FBG_2008:
System Requirements:

- Windows 2000 or Higher Version Microsoft Operating system and
  Microsoft Office Applications (Excel)
- Possibly compatible to other systems but still under investigation
- Adobe Acrobat Reader V.4 + for the User's Guide
- ~>2 MB disc size (838 for the Excel worksheets and 522 kb for the User's Guide)

FBG_2008:
Program Compatibility

- Compatible with UC cost studies format, i.e.
  - Uses economic concept rather than accounting methods
    - (i.e. accounts not only for the use of financial capital --cash flows, the balance sheet and income statement but also considers the use of long term assets and the contribution of unpaid time provided by the farm operator and family members).
  - Formulas match UC formats and most current Farm Management recommendations.

FBG_2008: Program Compatibility

- Similar presentation as the UC cost studies format:

  - Using the four categories:
    - I. Gross Income of products
    - II. Variable Costs (listing of operations)—further divided into: Preplant, Plant, Growing, Harvest
    - III. Cash Overhead (repairs, taxes, ins, office expenses)
    - IV. Fixed/Non-Cash Overhead (interest, depr. of assets—capital recovery, land rent)

FBG_2008:
Workbook Includes

- Five worksheets
  - User's Guide-link to a word file
  - Budget-Input and output worksheet
  - Prices and Rates--Data base--short term inputs
  - Machinery: Data base --values and performance parameters
  - Vehicles—Data base--values and performance parameters
  - Investment—Data base-- values and performance parameters

FBG_2008:
Workbook Includes

- Budget worksheets
  - Multiple year spreadsheet for establishment and production of perennial crops or to show a historical cost/budget of the same crop