



DIVISION OF AGRICULTURE
RESEARCH & EXTENSION

University of Arkansas System

Cooperative Extension Service

User's Guide for Whole Farm Planning Guide

For questions and comments related to the University of Arkansas Crop Enterprise Budget Program contact Archie Flanders at 870-526-2199 ext. 108 or aflanders@uaex.edu.

Entering Data

The Whole Farm Planning Guide is an interactive Excel file. The "Production" worksheet contains data for crop acreages and expected yields. The "Production" worksheet has entries for rented acreage and rental rates, as well as base acreages and base yields for government payments. The "Price" worksheet has entries for expected U.S. commodity prices. Expected state prices are calculated based on historical price relationships between national and state prices. Costs not allocated to a crop are entered in the "FixedCost" worksheet and should be obtained from farm records.

Costs data allocated for individual field crops are entered in designated crop worksheets for cotton, soybeans, corn, rice (long grain and medium/short grain), wheat, and grain sorghum. Costs data can be entered directly into columns C and G for each item. An alternative is to enter data from the interactive crop enterprise budget files found at:

http://www.uaex.edu/depts/ag_economics/budgets/interactive_2012.htm

Open a budget file that corresponds to either column C or column G of the Whole Farm Planning Guide. Go to the "Link" worksheet of the budget file. Copy cells B6:B23. In either C3:C20 or G3:G20 of the Whole Farm Planning Guide, perform the Excel function "Paste Special" and "Value" to complete data entry. Repeat the Excel function to copy data from cell B25 in the "Link" budget worksheet to either C22 or G22 of the Whole Farm Planning Guide. Repeat the Excel function to copy data from cells B28:B32 in the "Link" budget worksheet to either C24:C28 or G24:G28 of the Whole Farm Planning Guide.

Report Worksheet

The “Report” worksheet presents financial results for all revenue and costs associated with farm production. Crop revenue is equal to all production multiplied by the expected state price in column D of the “Price” worksheet. Cottonseed revenue is calculated based on information entered in the “Price” worksheet. Share rent is calculated from information entered in the “Production” worksheet. Grower revenue is the summation of crop revenue (including cottonseed) with share rent deducted. Government payments include only the grower share based on data entered in the “Production” worksheet.

Production costs are from each crop worksheet and are equal to results in cell L23. Post harvest costs are the summation of L24:L28 from each crop worksheet. Total operating costs are the summation of production costs and post harvest costs. Returns to operating costs are grower revenue minus total operating costs.

Government payments for LDP are calculated from entries in the “Production” worksheet and LDP rates calculated in column E of the “Price” worksheet. Direct payments and countercyclical payments are calculated from entries in the “Production” worksheet. Rows J13:J15 in the “Report” worksheet are summations for all crops. Payment limits for DP and CCP are entered in the “Production” worksheet. Summations for DP (J14) and CCP (J15) will truncate to payment limits if calculated values exceed payment limits.

Cost for cash land rent is from the “Production” worksheet. Fixed and unallocated costs are from the “FixedCost” worksheet. Net returns to owned land and management are the result of subtracting all expenses from all revenue in the “Report” worksheet.



University of Arkansas, United States Department of Agriculture and County Governments Cooperating.

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