## COST OF PRODUCTION WORKSHEET- INCOME STATEMENT FOR CROPS - Page 1

| Farm Name | Production Year |  | Date Completed |  |
| :---: | :---: | :---: | :---: | :---: |
| ITEM | Column 1 CASH SALES | Column 2 <br> BEGINNING INVENTORY | Column 3 <br> ENDING INVENTORY | Column 4 GROSS PROFIT |
| Corn |  |  |  |  |
| Soybeans |  |  |  |  |
| Wheat |  |  |  |  |
| Dry Beans |  |  |  |  |
| Other 1 |  |  |  |  |
| Other 2 |  |  |  |  |
| Government Prog. Payments* |  |  |  |  |
| Other Income Items |  |  |  |  |
| TOTALS |  |  |  |  |
| Gross Revenues | Column 1 | Column 2 | Column 3 | (A) \$ |

*Government Program payments received are sales and those due are ending inventories, with those due from previous years being the beginning inventory.

## COST OF PRODUCTION WORKSHEET

This cost of production worksheet is designed to help you determine your cost of producing crops. Knowing your own costs can be important in developing a marketing plan for your farm. Enter your own costs under the headings of Direct and Overhead costs. Direct costs can be thought of those cost directly associated with a specific crop or enterprise while overhead costs are those required for the farm business to run but may not vary greatly by individual crop enterprises. An enterprise can be any segment of the farm business that can be segmented by its returns and associated costs of production. The first page is designed to help capture all incomes and cost. If the various cost of productions are accurate for a given time period, you should be able to recreate the income statement from the cost of production analysis for the same time period. The business profit or loss is directly the result of the price received above or below the various "Cost of Productions". Consider this a reality check for accuracy.

MSU EXTENSION Jan 2003

| Farm Expenses | Depreciation <br> TOTAL EXPENSES |
| :--- | :---: |
| Sirect Expenses | (B) |

Seed
Fertilizer
Crop Chemicals
Drying Fuel
Repairs
Utilities
Hauling and Trucking
Marketing/Crop Expense
Overhead Expenses
Interest
Hired Labor
Land Rent/Machine Lease
Real Estate Taxes
Farm Insurance
Miscellaneous Expense
Accrual Expense Change

NET FARM INCOME A-B=C
(Return to Unpaid
Labor \& Owner Equity)

$\qquad$
$\qquad$
COST OF PRODUCTION WORKSHEET - Page 2

1. Paid on Yield per Acre
2. TIMES Selling Price/Bushel
3. EQUALS Gross Income/Acre

DIRECT COST/AC
4. Seed
5. Fertilizer
6. Herbicides
7. Insecticides
8. Drying Fuel
9. Crop Fuel \& Oil
10. Crop Repairs
12. Crop Utilities



## COST OF PRODUCTION WORKSHEET - Page 3



*** GOVERNMENT PROGRAM PAYMENTS (2002 -2007)
The following tables represents the Direct Payments and the Counter-Cyclical Payments for each commodity for the years 2002-2007. The Counter-Cyclical Payment is in addition to the Direct Payment but is tied to National Average Prices. I prices are low, the Counter-Cyclical Payment usually is larger, (often much larger) than the Direct Payment.

## Direct Payment Table

Base Acreage X . 85 X D.P. Yield X Payment Rate $=$ Annual Direct Payment

| Crop | $\begin{aligned} & \text { Program } \\ & \text { Base } \\ & \text { Acreage } \end{aligned}$ | X Factor | X Direct Payment Yield Bu/Ac | $\begin{aligned} & \hline \overline{\text { Payment }} \\ & \text { Bushels } \end{aligned}$ | X <br> Direct <br> Payment <br> Rate/Bu | ```= Annual Direct Payment``` |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Corn |  | $\begin{aligned} & \mathrm{X} \\ & 0.85 \end{aligned}$ |  |  | $\begin{aligned} & X \\ & \$ 0.28 \\ & \hline \end{aligned}$ | \$ |
| Barley |  | $\begin{aligned} & \hline X \\ & 0.85 \end{aligned}$ |  |  | $\begin{aligned} & \mathrm{X} \\ & \$ 0.24 \end{aligned}$ | \$ |
| Oats |  | $\begin{aligned} & \mathrm{X} \\ & 0.85 \end{aligned}$ |  |  | $\begin{aligned} & \mathrm{X} \\ & \$ 0.024 \end{aligned}$ | \$ |
| Wheat |  | $\begin{aligned} & \hline X \\ & 0.85 \end{aligned}$ |  |  | $\begin{aligned} & \mathrm{X} \\ & \$ 0.52 \end{aligned}$ | \$ |
| Soybeans |  | $\begin{aligned} & \hline X \\ & 0.85 \end{aligned}$ |  |  | $\begin{aligned} & \hline X \\ & \$ 0.44 \\ & \hline \end{aligned}$ | \$ |
|  |  |  |  |  |  |  |
|  |  |  |  |  | Total Direct Payments | \$ |

Counter-Cyclical Payment Estimator
Base Acreage X . 85 X C-C Yield X Payment Rate $=$ Counter-Cyclical Payment

| Crop | Program Base Acreage (same) | X Factor | X <br> Counter <br> Cyclical <br> Yield Bu/Ac | = <br> Payment <br> Bushels | X <br> Counter- <br> Cyclical <br> Payment <br> Rate/Bu ** | = <br> Total <br> Counter- <br> Cyclical <br> Payment |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Corn |  | $\begin{aligned} & \hline X \\ & 0.85 \end{aligned}$ |  |  | $\begin{aligned} & \hline X \\ & \$ 0 . \end{aligned}$ | \$ |
| Barley |  | $\begin{aligned} & \hline X \\ & 0.85 \\ & \hline \end{aligned}$ |  |  | $\begin{aligned} & \hline X \\ & \$ 0 . \\ & \hline \end{aligned}$ | \$ |
| Oats |  | $\begin{aligned} & \hline X \\ & 0.85 \end{aligned}$ |  |  | $\begin{aligned} & \hline X \\ & \$ 0 . \end{aligned}$ | \$ |
| Wheat |  | $\begin{aligned} & \hline X \\ & 0.85 \end{aligned}$ |  |  | $\begin{aligned} & \mathrm{X} \\ & \$ 0 . \end{aligned}$ | \$ |
| Soybeans |  | $\begin{aligned} & \hline X \\ & 0.85 \end{aligned}$ |  |  | $\begin{aligned} & \mathrm{X} \\ & \$ 0 . \end{aligned}$ | \$ |
|  |  | $\begin{aligned} & \hline X \\ & 0.85 \end{aligned}$ |  |  | $\begin{aligned} & \hline x \\ & \$ 0 . \end{aligned}$ | \$ |
|  |  |  |  |  | Total C-C Payments | \$ |

**The C-C Payment Rate=Target Price-Direct Payment Rate-(Higher of Nat. Loan Rate or Nat. Price)
Total Government Program Payments (Direct \& Counter-Cyclical)=\$ $\qquad$

