



7^{\$}ecrets of Effective Farmers Webinar Series: Budgeting

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Budgeting

What Will be Covered!

1. Explain enterprise budgets: their purpose and use
2. Illustrate enterprise budgets: their different parts
3. Learn how to construct and use enterprise budgets
4. Partial budgets, utilizing partial budgets

Purpose of Enterprise Budgets

- Enterprise:
 - A specific product produced by the operation (e.g. wheat, peas, calves). Most farms consist of several enterprises.
- Enterprise Budget Analysis:
 - Comparison of enterprises, in which some or all of the farm's projected revenues and costs are *allocated* to each enterprise.
- Aids in developing a projected Cash Flow

Enterprise Budgets

- Are an estimate of the costs and returns associated with the production of a product or products – referred to as an enterprise.
- Is a distinct part of the farm or ranch business that can be analyzed separately.
- Are usually based on some production input unit – an acre of land for most crop enterprise budgets, or an individual animal unit for livestock enterprise budgets.
- Estimate costs and returns based on a specific complement of machinery, land, labor and technology.

Enterprise Budgets are Used to....

- Determine break-even prices and yield.
- Itemize the receipts (income) received for an enterprise
- List the inputs and production practices required by an enterprise
- Evaluate the efficiency of farm enterprises
- Estimate benefits and costs for major changes in production practices
- Provide the basis for a total farm plan
- Support applications for credit

Enterprise Budgeting

- Based on accurate production and financial records.
- Each operation is different
 - Genetics, inputs, resources
 - Financial and production goals may not be the same
- *Tennessee Beef Budgets – A Systems Approach to Beef Production*

Factor in all the Resources you have available!

- Land
- Equipment
- Labor
- Capital



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Crop Production Systems

- After identifying the resources available to you, you need to identify:
 - Crop rotations
 - Timing of operations
 - Machinery and inputs used
 - Quantity of production
 - Storage of products raised
 - Processing and deliver to market



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Crop Production Systems

- Budgeting is crucial for a crop production system.
- A checklist for crop inputs is helpful in completing a budget.
 - Helps to account for all costs of production and identify things you may not have considered.

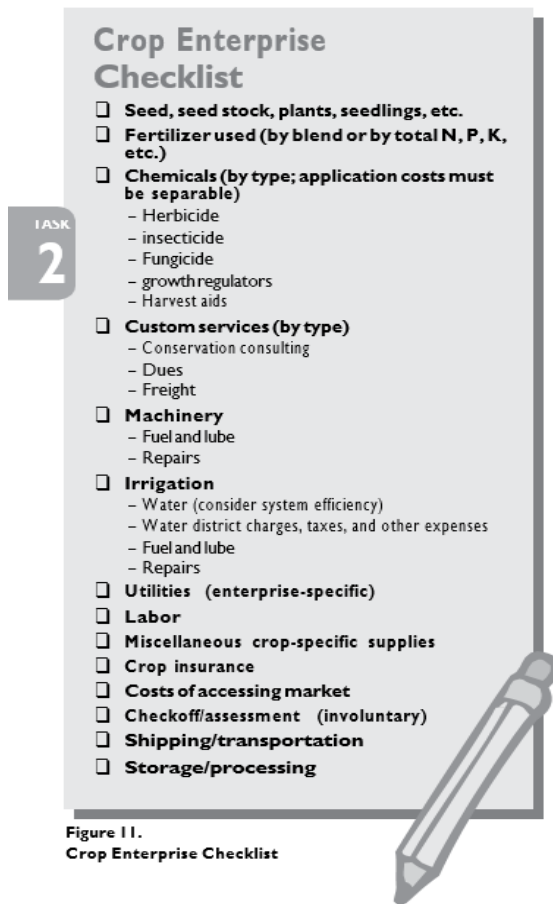


Figure 11.
Crop Enterprise Checklist

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Livestock Production Systems

- Livestock production requires as much, if not more, planning that crop production.
- For example in a cattle operation, you have to consider the following:
 - Feed
 - Forages
 - Herd health
 - Financial needs
 - Equipment needs
 - Labor needs



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Purpose of Enterprise Budgets

- To estimate projected costs, revenue, and net returns for a single enterprise to assess feasibility or profitability of current or potential enterprises
 - How much will I make on corn and soybeans?
- Planning tool to test out new ideas and compare enterprises to identify best ones
 - How profitable would wheat be?
 - How does GMO corn compare to conventional corn?

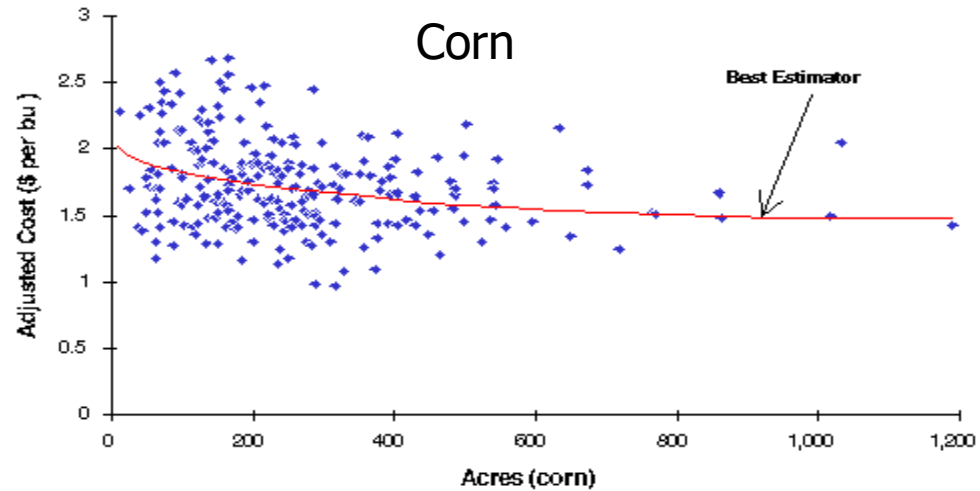
Enterprise Budgets

- Use a constant base unit
 - Crops = 1 acre Livestock = 1 head
- Allows comparison across enterprises
 - Compare wheat to corn and soybeans
 - Compare cow/calf to stocker operations
- Each enterprise budget a building block of the farm.
- Put the blocks together to make your farm

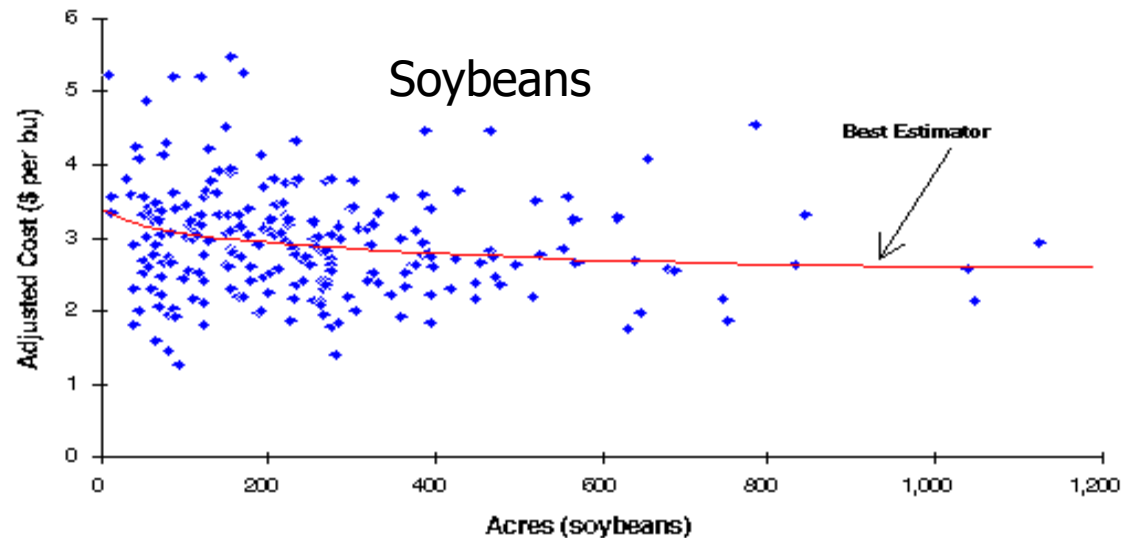
Enterprise Budgets

- Costs and returns to the same enterprise vary greatly among producers
- Lots of example enterprise budgets and returns projections available
- **Do not accept someone else's enterprise budget** for the cost and returns for growing corn, soybeans, dairy, beef, etc. as your costs
- You need to know your own costs, not someone else's estimate or the typical costs

Minnesota Data for 1996



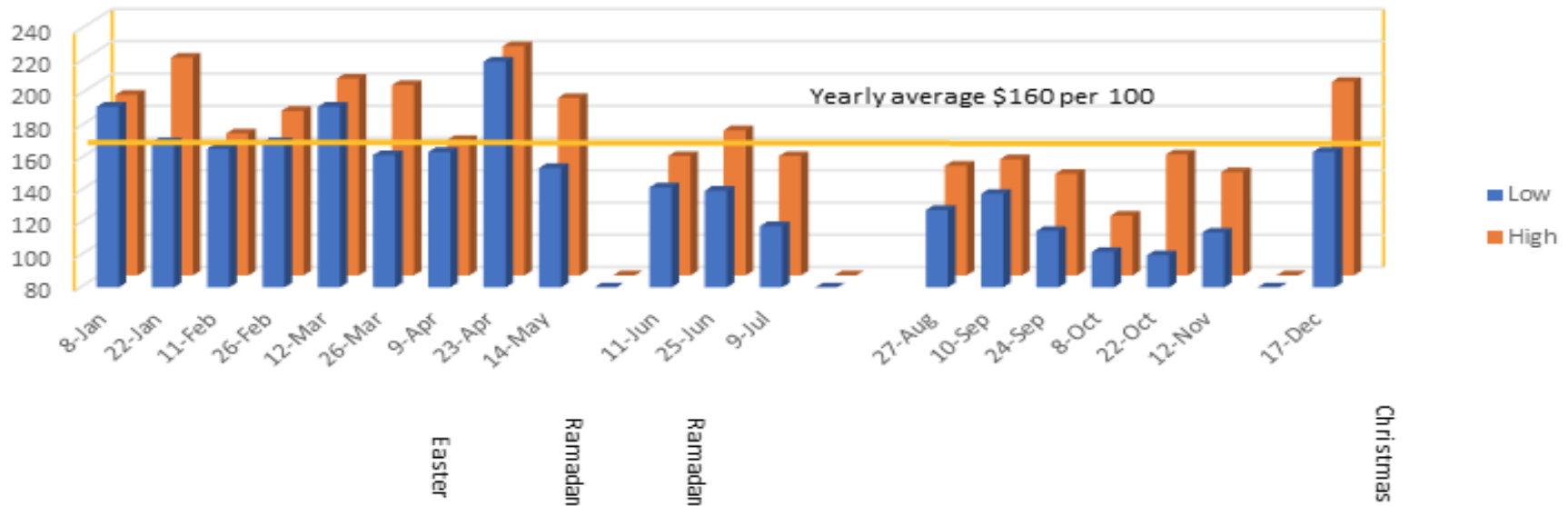
Source: Kent D. Olson and
Heman D. Lohano. 1997
"Will the Real Cost of
Production Please Stand
Up?" Minnesota Agricultural
Economists No. 687
<http://www.extension.umn.edu/newsletters/ageconomist/components/ag237previous.html>



2018 Lamb Auction Prices in Columbia, TN

Reference: Webb Matt D. UT Extension Marshall County Director 2019

2018 Lamb Prices 80+ Pounds



Using/modifying available budgets

- Existing budgets give a good starting point
- You and your accountant, lender, extension agent, and others can all adapt these budgets to your specific situation
 - Costs can vary widely from one farm to another
 - Learn about assumptions behind sample budgets

Examples

- Diversity in enterprise budgets-All for Blueberries
- Oregon State: “Blueberry Establishment and Production”
<http://arec.oregonstate.edu/oaeb/files/pdf/AEB0022.pdf>
- Georgia: “Southern Highbush and Blueberry Marketing”
<https://extension.uga.edu/publications/detail.html?number=B1413&title=Southern%20Highbush%20Blueberry%20Marketing%20and%20Economics>
- Mississippi: “Blueberry 2010 – Ag Economics”
<https://www.agecon.msstate.edu/whatwedo/budgets/docs/Blueberry10.pdf>
- Many ways to do enterprise budgets!

Parts of Enterprise Budget

- **Input Costs:**
- **Revenues – Costs = Returns**
- Cost categories used
 - Variable/Operating Costs
 - Fixed/Ownership/Overhead Costs
- Machinery costs
 - Split into fixed and variable costs?
 - Lump together into own category?
- Opportunity Costs
 - Which ones included, which ones ignored
 - Owner labor, owner capital

Budget Items & Key Concepts

Revenue

- Yield
- Price

Direct Costs

- Seed
- Herbicide
- Insecticide
- Fertilizer
- Crop insurance
- Fuel, lubrication, repairs
- Miscellaneous
- Operating Interest

Indirect Costs

- Overhead
- Machine Depreciation
 - & Investment
- Land charge



Budgets are a Profit Projection

- Estimate revenues and costs on the basis of what is *most likely*, not a target or goal
 - Especially with yields
 - Some revenue and cost items are known with relative certainty, some are forecasts based on historical data

Enterprise Budgets

Revenue Sources:

Revenues – Costs = Returns

- Revenue easy to estimate: Price x Yield
 - If you already grow it, you should know
 - For common crops and livestock, prices and typical yields available from many places
- Variable input costs easy too
 - If you already grow it, you should know
 - Price x quantity use per acre
 - Internet or call around for prices, typical use rates

Livestock Enterprise Budgets

- Many exist, many different ways used
- Unit: one cow, one hog, one ewe, etc., or one sow-litter, cow-calf, ewe-lambs, etc.
- Time period: hogs, flocks: more than one per year, others longer than one year, so adjust all costs to the same time period
- Machinery, facilities, and equipment: fixed and variable costs just as for crops

Livestock Enterprise Budgets

- Raised crop used for livestock feed
 - Cost for livestock use should be its opportunity cost—the cost if you had to buy the grain
 - Credits crop with the full value of its production
- Manure used as crop fertilizer
 - Cost to crop at its opportunity cost—the cost if you had to buy the equivalent fertilizer
 - Credits livestock with full value of its production
- Delivery/Hauling costs for grain and manure
 - Charge all to one enterprise or split between?

Cow-Calf Budget Assumptions

Herd Data:

- 50 cow herd with 2 breeding herd bulls
- 90% calf crop with 2% death loss for calves (22 steers & 13 heifers sold)
- 16% cull cow rate with 2% death loss for cows (8 cows sold)
- 100% of replacement heifers are retained from the herd

Supplemental Feed:

- Replacement heifers: 3 lbs/day commercial feed for 150 days (450 pounds)
- Herd bulls: 5 lbs/day commercial feed for 60 days (300 pounds)
- Calves: 2 lbs/day commercial feed for 30 days (60 pounds)

Pasture/Hay:

- Pasture
 - Nitrogen: 60 lbs/ac at \$0.45/lb
 - P₂O₅: 30 lbs/ac at \$0.37/lb
 - K₂O: 30 lbs/ac at \$0.32/lb
 - One application of broadleaf herbicide
 - Stocking rate: 2 ac/cow-calf pair
- Hay
 - Nitrogen: 100 lbs/ac at \$0.45/lb
 - P₂O₅: 30 lbs/ac at \$0.37/lb
 - K₂O: 30 lbs/ac at \$0.32/lb
 - One application of broadleaf herbicide
 - Hay yield: 2.5 tons/ac
 - Feeding: 30 lbs/day of hay for 150 days (2.25 tons/yr)

Veterinary/Medicine:

- Cows: respiratory vaccine (1), clostridial bacterin (1), deworm (1), fly tags (2)
- Replacement heifers: respiratory vaccine (2), clostridial bacterin (2), deworm (1), fly tags (1)
- Herd bulls: respiratory vaccine (1), clostridial bacterin (1), deworm (1), fly tags (2), breeding soundness exam
- Calves: respiratory vaccine (2), clostridial bacterin (2), deworm (1), fly tags (1), implant (1)

Marketing:

- Commission: 2.5% on total sale
- Insurance: 0.25% on total sale
- Hauling: \$3/loaded mile for 30 miles

Buildings/Equipment:

- Buildings: 1,500-ft² hay barn, 800-ft² equipment shed, corral, chute, head gate, fencing
- Equipment: 60-hp tractor, disc mower, hay rake, hay baler, hay wagon, rotary mower, tractor-mounted sprayer, truck



<https://ag.tennessee.edu/arec/Pages/budgets.aspx>

Estimated Returns and Expenses for Beef Cow-Calf Operation in Tennessee

Item	Unit	Quantity	Price	\$/Cow	\$/Herd	Your Farm
Revenue¹						
Cull Cows	lb	1200	\$ 0.50	\$ 96.00	\$ 4,800.00	_____
Heifer Calves	lb	520	\$ 1.30	\$ 175.76	\$ 8,788.00	_____
Steer Calves	lb	550	\$ 1.45	\$ 350.90	\$ 17,545.00	_____
Total Revenue				\$ 622.66	\$ 31,133.00	_____
Variable Expenses						
Pasture Production	acre	2.00	\$ 120.48	\$ 240.96	\$ 12,048.20	_____
Hay Production	acre	0.90	\$ 186.32	\$ 167.69	\$ 8,384.49	_____
Purchased Hay per Cow	ton	0.00	\$ 80.00	\$ -	\$ -	_____
Bull (Pasture & Hay) ²	\$	1.7	\$ 408.65	\$ 27.79	\$ 1,389.42	_____
Supplemental Feed	head	1	\$ 16.45	\$ 16.45	\$ 822.38	_____
Salt & Mineral	lb	91	\$ 0.35	\$ 31.94	\$ 1,596.88	_____
Vet & Med	head	1	\$ 31.90	\$ 31.90	\$ 1,595.00	_____
Reproduction (Artificial Insemination) ³	head	0	\$ 56.20	\$ -	\$ -	_____
Other Expenses	head	1	\$ 1.00	\$ 1.00	\$ 50.00	_____
Labor	hours	8	\$ 10.00	\$ 80.00	\$ 4,000.00	_____
Production Expenses				\$ 597.73	\$ 29,886.36	_____
Interest	\$	\$ 597.73	\$ 0.06	\$ 17.93	\$ 896.59	_____
Marketing	head	0.86	\$ 26.91	\$ 23.14	\$ 1,157.16	_____
Land Rent	acre	0.00	\$ -	\$ -	\$ -	_____
Total Variable Expenses				\$ 638.80	\$ 31,940.11	_____
Returns to Variable Expenses				\$ (16.14)	\$ (807.11)	_____
Fixed Expenses						
Livestock Facilities & Equipment	head	1	\$ 71.09	\$ 71.09	\$ 3,554.66	_____
Pasture & Hay Machinery/Equipment	head	1	\$ 223.16	\$ 223.16	\$ 11,158.13	_____
Purchased Breeding Stock	head	1	\$ 23.87	\$ 23.87	\$ 1,193.50	_____
Purchased Heifers, (not bred)	head	0.00	\$ 1,000.00	\$ -	\$ -	_____
Miscellaneous Overhead ⁴	head	1	\$ 235.29	\$ 23.53	\$ 1,176.45	_____
Total Fixed Expenses				\$ 341.65	\$ 17,082.73	_____
Total Expenses				\$ 980.46	\$ 49,022.84	_____
Net Return to Land and Management				\$ (357.80)	\$ (17,889.84)	_____

PUMPKIN, FRESH MARKET, TRICKLE IRRIGATED

Kentucky Estimated Costs and Returns for 2017

Approximately 0.12 acres (700 row feet)

NOT TO BE CONSIDERED CROPPING RECOMMENDATIONS OR PROFITABILITY PROJECTIONS. FOR COMPARISON AND PLANNING PURPOSES ONLY.

[Click here for print](#)

	Quantity	Unit	\$/Unit	Total	
GROSS RETURNS					
Pumpkins (15-22 lbs)	200	pumpkins	\$ 5.00	\$ 1,000.00	a,b
Pumpkins (8-15 lbs)	50	pumpkins	\$ 2.50	\$ 125.00	a,b
Total Returns				\$ 1,125.00	

VARIABLE COSTS

Production

Pumpkin Seed	250	seeds	\$ 0.10	\$ 25.00	
N Fertilizer: Urea	12	lbs	\$ 0.40	\$ 4.80	
K Fertilizer: Potash (0-0-60)	2	lbs	\$ 0.30	\$ 0.60	
N Fertilizer: Fertigation (Calcium Nit)	21	lbs	\$ 0.45	\$ 9.45	g
Plastic Mulch	700	feet	\$ 0.03	\$ 21.00	c
Drip Lines & Irrigation Fittings	700	feet	\$ 0.05	\$ 37.10	c
Pollination	0.33	hive	\$ 75.00	\$ 24.75	
Weed Control	1	plot	\$ 54.29	\$ 54.29	d
Insect Control	1	plot	\$ 18.58	\$ 18.58	d
Disease Control	1	plot	\$ 46.69	\$ 46.69	d
Irrigation	0.12	acre	\$ 50.00	\$ 6.00	c
Hired Labor (Planting, Hand Weeding)	4	hrs.	\$ 12.50	\$ 50.00	
Machinery Variable Costs	1	plot	\$ 8.72	\$ 8.72	e
Total Preharvest Variable Costs				\$ 306.98	

HARVESTING AND MARKETING

Plastic Disposal	2	hours	\$ 12.50	\$ 25.00	
Hired Labor					
Harvest & Field Grading	11	hrs	\$ 12.50	\$ 137.50	f
Containers	5	bins	\$ 11.75	\$ 58.75	
Marketing Costs (10% of Gross)	10.0%	gross		\$ 112.50	
Hauling Variable Costs	200	miles	\$ 0.55	\$ 110.00	e
Total Harvesting and Marketing Cost				\$ 443.75	

Interest on Variable Costs

\$ 15.87

TOTAL VARIABLE COST**\$ 766.60****RETURN ABOVE VARIABLE COSTS****\$ 358.40**

Enterprise Budgets

- Cost estimation difficult for machinery, buildings, facilities, equipment, etc.
- What does it cost to plow a field?
- What is the annual cost of a dairy barn?
- What portion of tractor repair should be allocated to soybean production?
- Machinery Costs as an Example

Category	Beef	Jam	Overhead	Strawberries	OVERALL TOTAL
INFLOWS					
Beef Sales					
Beef Sales:Custom Meat	4,500.00	0	0	0	4,500.00
Beef Sales:Stockbarn Calves	26,193.60	0	0	0	26,193.60
TOTAL Beef Sales	30,693.60	0	0	0	30,693.60
Cull Animals					
Cull Animals:Bull	1,718.93	0	0	0	1,718.93
Cull Animals:Cow	3,060.00	0	0	0	3,060.00
TOTAL Cull Animals	4,778.93	0	0	0	4,778.93
Jam	0	145,000.00	0	0	145,000.00
Strawberry Sales					
Strawberry Sales:Fresh	0	0	0	75,000.00	75,000.00
TOTAL Strawberry Sales	0	0	0	75,000.00	75,000.00
TOTAL INFLOWS	35,472.53	145,000.00	0	75,000.00	255,472.53
OUTFLOWS					
Animal Health					
Animal Health:Medicine	1,586.00	0	0	0	1,586.00
TOTAL Animal Health	1,586.00	0	0	0	1,586.00
Chemicals	1,576.00	0	0	0	1,576.00
Chemicals:Fungicides	0	0	0	806	806
Chemicals:Herbicides	0	0	0	895	895
Chemicals:Insecticides	0	0	0	432	432
TOTAL Chemicals	1,576.00	0	0	2,133.00	3,709.00
Farm Insurance	0	1,500.00	856	0	2,356.00
Feed					
Feed:Grain	1,975.25	0	0	0	1,975.25
Feed:Hay	7,200.00	0	0	0	7,200.00
Feed:Minerals	1,596.88	0	0	0	1,596.88
TOTAL Feed	10,772.13	0	0	0	10,772.13
Fertilizer	6,481.00	0	0	2,356.00	8,837.00
Fuel	0	0	1,800.00	0	1,800.00

Machinery Cost Concepts

- Substantial component of costs (25%-40%)
- Difficult to measure/estimate: user specific
- Variable Cost, Use-Related Cost, Operating Cost
 - Costs due to using the machinery
 - Fuel, lube, maintenance, use-related repairs and labor
- Fixed Cost, Time-Related Cost, Overhead Cost
 - Costs paid whether you use the machinery or not
 - Interest, insurance, taxes, housing
- Depreciation

Adjusting Custom Rates to Estimate your Cost

- Adjusting custom rates is an easy way to estimate typical machinery costs
- K. Dhuyvetter and T. Kastens at Kansas State University developed a formula using KFMA cost data and custom rates

www.agmanager.info/farmmgt/machinery/MF2583.pdf

- UWEX bulletin and Spreadsheet “Fast and Simple Method to Estimate Machinery Costs”

www.aae.wisc.edu/mitchell/Fast and Simple Method.pdf

Caution

- Custom rates have wide ranges—call around, use Custom Rate Guides from University Extension Publications from your region of the country
- Formula to adjust custom rates not perfect
- Use these machinery costs as a
 - Guide to estimate typical costs
 - Benchmark for comparison
 - Method is **not your actual costs for machinery**
- Need good records to estimate actual costs

Pro-rated and Other Costs

- Crops such as hay and pasture
 - Create separate budgets for establishment and non-establishment years, then include pro-rated cost of establishment on the non-establishment year budget
 - Establishment is \$120/ac, non-establishment is \$25/ac for 3 more years, so add $\$120/4 = \$30/\text{ac}$
- Storage, transportation, marketing, etc.: some crops large cost (vegetables, fruits) for these expenses

Allocating Overhead Costs

- Farms overhead costs must be allocated across all enterprises
 - Workshop costs, membership dues, insurance, legal fees, accounting costs, taxes, utilities, office costs, etc.
- These costs should be declared on Schedule F, with depreciation tracked in farm records
- Enterprise budgets often miss these or similar costs

**SCHEDULE F
(Form 1040)**

Department of the Treasury
Internal Revenue Service (99)

Profit or Loss From Farming

► Attach to Form 1040, Form 1040NR, Form 1041, Form 1065, or Form 1065-B.

► Information about Schedule F and its separate instructions is at www.irs.gov/form1040.

OMB No. 1545-0074

2012

Attachment
Sequence No. **14**

Name of proprietor

John Doe Happy Dairy

Social security number (SSN)

555-55-555

A Principal crop or activity

B Enter code from Part IV

C Accounting method:

D Employer ID number (EIN), (see instr)

Dairy

☒ Cash ☐ Accrual

5 5 5 5 5 5 5 5

E Did you "materially participate" in the operation of this business during 2012? If "No," see instructions for limit on passive losses ☒ Yes ☐ No

F Did you make any payments in 2012 that would require you to file Form(s) 1099 (see instructions) ☐ Yes ☒ No

G If "Yes," did you file required Forms 1099? ☐ Yes ☒ No

Part I Farm Income—Cash Method. Complete Parts I and II (Accrual method. Complete Parts II and III, and Part I, line 9.)

1a Sales of livestock and other resale items (see instructions)	1a		
b Cost or other basis of livestock or other items reported on line 1a	1b		
c Subtract line 1b from line 1a		1c	
2 Sales of livestock, produce, grains, and other products you raised		2	560,203
3a Cooperative distributions (Form(s) 1099-PATR)	3a	3b Taxable amount	3b
4a Agricultural program payments (see instructions)	4a	4b Taxable amount	4b 4,800
5a Commodity Credit Corporation (CCC) loans reported under election		5a	
b CCC loans forfeited	5b	5c Taxable amount	5c
6 Crop insurance proceeds and federal crop disaster payments (see instructions)			
a Amount received in 2012	6a	6b Taxable amount	6b
c If election to defer to 2013 is attached, check here <input type="checkbox"/>		6d Amount deferred from 2011	6d
7 Custom hire (machine work) income		7	
8 Other income (see instructions)		8	
9 Gross income. Add amounts in the right column (lines 1c, 2, 3b, 4b, 5a, 5c, 6b, 6d, 7, and 8). If you use the accrual method, enter the amount from Part III, line 50 (see instructions)		9	565,003

Part II Farm Expenses—Cash and Accrual Method. Do not include personal or living expenses (see instructions).

10 Car and truck expenses (see instructions). Also attach Form 4562	10		23 Pension and profit-sharing plans	23	
11 Chemicals	11	6800	24 Rent or lease (see instructions):		
12 Conservation expenses (see instructions)	12		a Vehicles, machinery, equipment	24a	
13 Custom hire (machine work)	13		b Other (land, animals, etc.)	24b	
14 Depreciation and section 179 expense (see instructions)	14	21,085	25 Repairs and maintenance	25	18,849
15 Employee benefit programs other than on line 23	15		26 Seeds and plants	26	12,700
16 Feed	16	175,000	27 Storage and warehousing	27	
17 Fertilizers and lime	17	34,869	28 Supplies	28	8700
18 Freight and trucking	18		29 Taxes	29	2,150
19 Gasoline, fuel, and oil	19	25,512	30 Utilities	30	14,235
20 Insurance (other than health)	20	5,816	31 Veterinary, breeding, and medicine	31	11,600
21 Interest:			32 Other expenses (specify):		
a Mortgage (paid to banks, etc.)	21a	3,295	a	32a	
b Other	21b	1000	b Due/Fees	32b	500
22 Labor hired (less employment credits)	22	49,500	c Bedding	32c	1,875
33 Total expenses. Add lines 10 through 32f. If line 32f is negative, see instructions			d Milk Marketing	32d	28,261
34 Net farm profit or (loss). Subtract line 33 from line 9			e DHIA	32e	2,750
			f Miscellaneous	32f	5,000
			33	33	412,832
			34	34	152,171

If a profit, stop here and see instructions for where to report. If a loss, complete lines 35 and 36.

35 Did you receive an applicable subsidy in 2012? (see instructions) ☐ Yes ☐ No

36 Check the box that describes your investment in this activity and see instructions for where to report your loss.

a ☐ All investment is at risk. **b** ☐ Some investment is not at risk.

For Paperwork Reduction Act Notice, see your tax return instructions.

Cat. No. 11346H

Schedule F (Form 1040) 2012

Whole Farm Budget

- Budgeting system based on Schedule F to allocates ALL costs
- 3 year average of costs for each Schedule F category to “avoid” accrual adjustments
- Income Statement: better base to allocate costs from, but not all farms have
- Main idea: Allocate % of Schedule F cost to each enterprise, all costs allocated

Break-Even Yield and Price

What yield or price do you need to break even on the enterprise?

Break-Even Yield: At a given price, the yield needed to cover all costs

Break-Even Yield = Total Cost/Output Price

Corn Yield 150 bu./acre = \$600/acre /\$4.00/bu.

Break-Even Yield and Price

What yield or price do you need to break even on the enterprise?

Break-Even Price: For a given average yield, the price needed to cover all costs

Break-Even Price = Total Cost/Average Yield

$$\text{\$4.00/bu.} = \text{\$600/acre} / 150 \text{ bu./acre}$$

Partial Budgeting

- Assist in estimating a potential change in net income
- Examples
 - Stockpiling fescue grass in the Fall
 - Purchasing a superior sire
 - Purchasing hay vs. growing own hay
 - Expanding the cow herd

Partial Budgeting Outline

Added Revenue	_____	
Reduced Expenses	+ _____	
Total Credits		_____
Added Expenses	_____	
Reduced Revenue	+ _____	
Total Debits		_____
Difference (change in net income)		_____

Source: Castle, et al.

Stockpile Tall Fescue

50 Cow herd - - 25 acres

Description	Quantity	Unit	Price	Total
Added Revenue				\$ 0.00
Reduced Expenses	17.12	tons	\$75.00	\$1284.00
30 days hay for 50 head (22.83 lbs./head/day)				
Total Credits				<u>\$1284.00</u>
Added Expenses	25.00	acres	\$30.00	\$ 750.00
Nitrogen (60 lbs/acre @ \$0.50/lb.)				
Reduced Revenue				\$ 0.00
Total Debits				<u>\$ 750.00</u>
Change in Net Income				<u>+ \$534.00</u>

Summary

- Budgeting: Enterprise Budgets are the building blocks of the whole farm plan.
- Budgets: Allow producers to evaluate the efficiency of different farm enterprises.
- Allocate input costs and revenues consistently across all enterprises.
- Use you own input costs and revenue estimates, not some else's! It is your farm.
- Allocating Overhead: Schedule F and Whole Farm Budget

References

Mitchell, P. D. 'Enterprise Budgeting Partial Budgeting' [Power Point Presentation]. University of Wisconsin. Available at: <https://aae.wisc.edu/aae320/Budgets/Enterprise%20Budgeting.ppt> (Accessed: 5 May 2019).

Texas AgriLife Extension Service. (2013) 'Making Decisions with Enterprise Budgets' [Power Point Presentation]. Texas A&M System. Available at: <https://agecoext.tamu.edu/wp-content/uploads/2013/10/rm3-10oh.ppt> (Accessed: 11 May 2019).

Other Resources:

- William Edwards (IA Extension-Econ): "Estimating Farm Machinery Costs"
 - Bulletin with worksheets
 - www.extension.iastate.edu/Publications/PM710.pdf
- Lazarus and Selley (MN) "Farm Machinery Economic Cost Estimates for 200Y"
 - Bulletin with fixed and variable costs for different machinery operations
 - Lots more on machinery management
 - <http://www.apec.umn.edu/faculty/wlazarus/documents/mf2008.pdf>



7 ecrets of Effective Farmers

Webinar Series: Budgeting

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