Town of Brant Erie County, New York

Business Planning Handbook for New Farm & Agricultural Entrepreneurs

A step by step guide for providing the information required to obtain financing for new farm businesses.

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# <u>Foreword</u>

Business planning is necessary for successfully operating any enterprise. It has, from a practical standpoint, become a prerequisite for obtaining financing for business startups. This is no less true for agricultural ventures than it is for other businesses in today's lending environment.

The essentials of business planning include extensive research, realistic financial analysis and basic organization. This *Business Planning Handbook for New Farm & Agricultural Entrepreneurs* is intended to assist with each of these elements using a straightforward step-by-step approach. This does not mean it is simple. Preparing a solid business plan for even a small farm enterprise can take 3-6 months and typically requires professional assistance. This *Handbook* will guide prospective entrepreneurs in assembling the information such advisors will require.

The purposes of business planning include answering certain basic questions that any banker or investor might ask, including the following:

- How much money is needed to set up the business?
- Where will the startup funds come from to set up the business?
- Will it generate a cash flow that will pay off debts?
- Will it make money and generate a reasonable return on investment?
- What is the general market for the product or service to be offered?
- Who might be specifically interested in these products or services?
- How will products and services be marketed?
- Who will lead the enterprise?
- Who are the experts supporting the business?
- What are the mission and goals of the principals?

Following the advice and instructions in this *Handbook* should help any prospective agricultural entrepreneur answer these questions and evaluate their business proposal with confidence.

This *Handbook* was developed for the Town of Brant with the assistance of Shepstone Management Company (http://www.shepstone.net). It is based on several different models used by banks and other lenders.

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# **1.0** Financial Feasibility Analysis - Can It Work?

### 1.1 Business Description, Mission Statement and Business Goals

The very first step in developing a realistic business plan is to draft a an accurate and concise description of the business you're considering. This is especially the case for agricultural and farm businesses, because farmers often view their enterprise as a lifestyle as much as a business. Defining it from the start as a profit center and laying out the elements of that business are, therefore, the first steps toward realism in business planning.

Moreover, lenders typically know little about agriculture and what they do know may be negative if it has been shaped by popular culture. The general public has only the vaguest understanding of agriculture as an industry, so you should assume that you'll have to explain everything (even to the professional advisors you use to analyze and help plan the business).

Start by describing your business idea in a few paragraphs that explain what it entails, where it will be located and the key features of the operation. Consider sharing success stories from other areas, especially if what you propose is new for the area. Tell your reader why this business makes sense for your area.

Also, develop a customer-driven mission statement that concisely (in a sentence or two) summarizes why you are pursuing this venture (e.g. "to create a farm market with the largest selection of local farm products in Erie County"). Think about the mission statement as an overall goal for your business that will define your success.

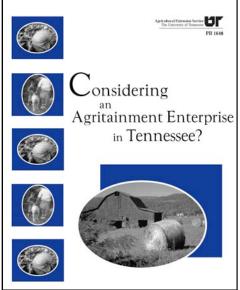
Finally, develop a set of measurable goals for the business. These might include, for example, generating a positive cash flow within two years of business establishment and a long-term rate of return of at least 10% on equity invested. Focusing on these goals at the outset should help you to understand what you need from the business and later evaluate whether putting energy into it is justified.

## **1.2 Analysis of Market and Competition**

Evaluating business potential is often largely a matter of studying market feasibility. Before you know whether you can make a business work, you need to know if there's even a market for the product or service you propose to offer. Traditionally, farmers have been "price-takers" and not "price-makers." Marketing can be a foreign concept if you're used to shipping your product off-farm at unknown prices and waiting until the milk check comes to learn what you made. Most new agricultural and farm businesses, however, demand a thorough understanding of markets and deliberate strategies for tapping those markets.

Consider the following as you evaluate your market:

- 1. What specific products and services will you offer and how much of each (by percentages) do you hope to sell?
- 2. How will your product fit into the market in terms of quality, price, convenience, customer service, guarantees, credit options and location in relation to customers? Where will you position your business on the scale for each to create a market niche?
- 3. What are the trends within your industry? Research them by checking out industry groups (e.g. New York Wine & Grape Foundation) for data, contacting Cooperative Extension Service agencies and browsing the Internet. The University of Tennessee, as an example, offers an excellent guide for planning agritainment ventures. It is available from their web site. A great deal of other data is also available from this free resource.



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4. Identify your target market in terms of age, gender, income, education and similar characteristics if your prospective customers are individuals. If those customers are other businesses, identify your target market by type, size, special requirements and other comparable factors.

You'll also need to consider the market areas within which you can reasonably expect to sell your products or services. Typically, this is accomplished by identifying primary, secondary and fringe markets. The primary market area is that geographical region from which a business can expect to generate 60-70% of its customers. The secondary area

usually represents another 20-30% of the customer base. The fringe market accounts for the remainder of the customers.

The number of customers will, of course increase with distance but the ability to capture those customers will decrease due to competition and the inconvenience of travel. The boundaries of these



market areas are a function of the degree to which the proposed business is a destination as compared to relying upon passby traffic or convenient access. These boundaries can be defined by simple distance, drive times or other criteria. They will vary greatly depending on the type of business involved. A small farm market may be only be able to customers within 5 minutes driving time while an agricultural tourism attraction might attract visitors from as much as an hour away.

Professional help with market analysis is a good idea. Experience in evaluating other markets will be useful in assessing your own. Once you've identified the appropriate market areas, you will need to collect demographic and other market data that will enable you project sales.

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Several sources of data are available, including Erie County and other regional planning and development agencies. Private data research firms such as Claritas and ESRI Business Information Solutions can provide you and your professional advisors with market profiles, growth projections and estimates of consumer spending on items such as food and entertainment. These projections, by market area, should form the basis of the projected revenues used in your financial analysis.

5. Identify the competition for your business within the market areas you identified. Most businesses have both primary and secondary competition. If you propose to establish a nursery and greenhouse operation, for example, another such enterprise in the vicinity would represent a primary competitor, while a Wal-Mart with a nursery operation 10-15 miles away might be considered a secondary competitor.

Secondary competitors need to be listed and briefly described along with explanations of why they are considered secondary. Primary competitors need to be discussed in detail, addressing the specific strengths and weaknesses of each, their market niches, current status and future prospects. Try to obtain some idea of the volume of business each does currently. More importantly, compare them to your own proposal in terms of pricing, convenience, level of service, quality of product and other key characteristics that define your own niche.

6. Develop a specific marketing plan for your enterprise once you've determined that it is feasible. First, study how your industry typically markets itself. Does it utilize direct marketing concepts, cooperatives, distributors, purveyors, sales representatives or other techniques? Does Internet marketing play a roll? How do profit margins compare among these approaches? Where is the growth?

Outline a marketing plan for your business that will most

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effectively and efficiently reach your customers. Depending on your needs, include signage, a website, grand opening plans, an advertising campaign and a customer relations program. Consider developing a direct mailing list from customer check payments or by purchasing a list from one of several such providers. Direct mail is often a very most-effective means of reaching customers for small businesses.

A public relations campaign, however, is the most costeffective way to develop a brand and acquaint a market with a new product or service. It can work very well with agribusinesses because they often make for human interest news stories, particularly if they are family-based enterprises. Public events, news releases and interviews are forms of free advertising that should be maximized but they will demand major investments of time and energy and may require professional help.

Plan to spend as much as 2-4% of revenues on marketing, with the heaviest expenditures the first year. However, be careful to stay within the marketing budget. You'll need to target existing customers but also continually attract new ones. Divide your marketing effort between these two objectives.

You may also, for purposes of demonstrating market feasibility, need to document sales potential with letters of intent or interest and contracts. Once you've reached the point that you are comfortable in projecting sales, you need to consider some additional factors. These include the seasonality of your business, its anticipated growth rate during the earlier years and the extent to which the business will be able to penetrate and capture the market available to it.

You should lay out projected sales month by month for at least the first three years, building in seasonal fluctuations and a modest amount of growth consistent with a new enterprise and the expansion of the market itself, if any. You should consult with your professionals regarding business capture rates, but it is rare for any new business to secure more than 5-10% of the available market, because many of your prospective customers will already be purchasing the product or service elsewhere and have to be sold on the value you offer.

# **1.3 Startup Costs**

Business startup costs must be identified. These one-time costs may or may not require debt financing. Likewise, some may be capitalized for accounting purposes while other are written off for tax reasons. Some represent hard costs for equipment and buildings while others constitute soft costs associated with business organization. Their distinguishing characteristic for business

planning is that they are of a non-recurring nature.

A list of common start up costs is included below. It is not meant to be an exhaustive list. You should consult with your financial advisers to be sure that you have not missed anything important. This is a common mistake of many small Failure businesses. to anticipate and fund all startup costs can put a new business so far behind from the beginning that it never catches up, stealing from monthly cash flow those funds that are required for on-going expenses.

The adjoining checklist is one you may want to use as you develop your own

Typical Business Startup Costs									
Type of Expense Estimated Cost									
Renovations									
Equipment and fixtures. (include delivery and installation)									
Signs									
Supplies and Services Needed Before or at Opening									
Licenses/Permits									
Lease/Mortgage Points									
Telephone/Utility Deposits									
Insurance Down Payment									
Legal/Professional Fees									
Initial Inventory									
Advertising for Opening									
Other (specify)									
Total Startup Costs									

complete inventory of costs. Documentation, with quotes or sourced references, will be needed for each cost if you intend to submit your proposal to a bank or other lending institution for loan financing.

### **1.4 Projected Income and Expenses**

You'll need to develop detailed estimates of your income and expenses on a month by month basis. Documenting the assumptions that go into your projections is also important for enabling readers of your plan to evaluate its reasonableness.

Income projections need to come directly from your marketing analysis. Expense projections should specifically include the following considerations:

- 1. Purchases (materials or inventory purchased for resale or use in the manufacturing process)
- 2. Payroll and associated overhead expenses (including paid vacation and leave time; health, workers' compensation and unemployment insurance; and Social Security taxes)
- 3. Contracted services (subcontracted services)
- 4. Advertising and marketing (website, Yellow Pages, paid ads, public relations, etc.)
- 5. Insurance (liability, building and equipment insurance, etc.)
- 6. Accounting, legal and other professional services
- 7. Building and/or equipment maintenance and repair
- 8. Supplies used in business (not for resale)
- 9. Real estate taxes (school, village, county and town)

- 10. Business phone, fax and Internet
- 11. Travel expenses (include mileage, conference expenses, other travel, etc.)
- 12. Rent or mortgage payments
- 13. Utilities (water, lights, heat, etc.)
- 14. Freight and/or shipping fees
- 15. Equipment leases

Help in estimating expenses is often available from industry associations, the Cooperative Extension Service, other agencies and lenders. Firms such as RMA (formerly Robert Morris Associates) publish annual financial statement studies for various categories and sizes of businesses. Their data will tell you how the expected financial performance and ratios for your business compare with industry experience.

Sample financial statements are often also available from other sources that a thorough Internet search will help to uncover. It is useful in this regard to know the NAIC (North American Industrial Classification) code for your business, as much of this data is published by such codes.

You will need to incorporate your data into a Pro Forma Income and Expense Statement at some point. You should consult with your accountant to assist with this.

### **1.5 Sources and Uses of Funds and Collateral**

A prospective lender is likely to ask you for a Sources and Uses of Funds and Collateral Statement as part of your loan application. You will also need to incorporate borrowing assumptions into your cash flow analysis. The following outline offers some guidance for this purpose: **Sources of Funding:** List all the lenders whom you plan to approach along with the amount you plan to request and the anticipated terms. Start with your own equity contribution.

**Uses for Funding:** List your major categories of startup expenses and identify where support for these estimates may be found in your Business Plan.

**Collateral:** List the assets and/or property you plan to use to secure your loans. Document the value of assets with attachments such as appraisals.

## **1.6 Cash Flow Projections**

The most critical element of any feasibility study or business plan is the cash flow analysis. It doesn't matter whether a business makes money if it doesn't generate a positive cash flow sufficient to make mortgage payments. You will probably want to secure professional help in developing your cash flow statement but you should fully understand it and be actively involved in its preparation. It's a good idea to do your own simple cash flow analysis before you go to your accountant or other professionals for help. You may want to approach it on an annual basis and use their assistance to convert the data to a monthly format, for example (which will yield somewhat different results due to the cost of borrowing money).

Cash flow analysis is best done using a spreadsheet computer program such as Excel. This makes it easy to evaluate the impact of changes in assumptions on several months or years of projections. The analysis should project cash flows over a minimum of 3 years. Start by developing financial assumptions and then create formulas for monthly income and expenses. Remember that cash flow analysis looks at cash income and outlays, rather than earnings or factors such as depreciation. You'll need to think about how much of your income, if any, will come from sales on credit and how fast your customers will pay. A sample cash flow analysis and associated income statement for an agricultural business that opened in 2004 follows to illustrate how it's done.

Meat Packing Facility Cash Flow Analysis Alternative 1 - Leased Facility, All Beef										
FISCAL YEAR	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	1	2	3	4	5	6	7	8	9	10
VOLUME AS % OF BASE	75%	90%	100%	102%	104%	106%	108%	110%	112%	114%
Beef cows per year	5,625	6,750	7,500	7,650	7,800	7,950	8,100	8,250	8,400	8,550
Calves per year	13,650	16,380	18,200	18,564	18,928	19,292	19,656	20,020	20,384	20,74
REVENUE										
Beef slaughter/processing (custom)	\$151,875	\$182,250	\$202,500	\$206,550	\$210,600	\$214,650	\$218,700	\$222,750	\$226,800	\$230,85
Beef patty charges (custom)	\$14,063	\$16,875	\$18,750	\$19,125	\$19,500	\$19,875	\$20,250	\$20,625	\$21,000	\$21,37
Beef slaughter/processing(carcass) Beef slaughter/processing(fabricated)	\$661,568 \$1,520,135	\$793,881 \$1,824,162	\$882,090 \$2,026,847	\$899,732 \$2,067,384	\$917,374 \$2,107,921	\$935,015 \$2,148,458	\$952,657 \$2,188,995	\$970,299 \$2,229,531	\$987,941 \$2,270,068	\$1,005,58 \$2,310,60
Calf slaughter	\$163,800	\$196,560	\$218,400	\$222,768	\$227,136	\$231,504	\$235.872	\$240,240	\$244,608	\$248,97
Drop (calves)	\$150,150	\$180,180	\$200,200	\$204,204	\$208,208	\$212,212	\$216,216	\$220,220	\$224,224	\$228,22
Drop (cows)	\$253,125	\$303,750	\$337,500	\$344,250	\$351,000	\$357,750	\$364,500	\$371,250	\$378,000	\$384,75
SUB-TOTAL	\$2,914,715	\$3,497,658	\$3,886,287	\$3,964,013	\$4,041,738	\$4,119,464 (\$2,507,265)	\$4,197,190	\$4,274,915	\$4,352,641	\$4,430,36
Cost of Goods (cattle purchases) Job Training Financial Support	(\$1,037,000) \$15,000	(\$2,205,225) \$0	(\$2,450,250) \$0	(\$2,499,255) \$0	(\$2,546,260) \$0	(\$2,597,265) \$0	(\$2,646,270) \$0	(\$2,695,275) \$0	(\$2,744,200) \$0	(\$2,793,20
TOTAL GROSS MARGIN	\$1,092,028	\$1,292,433	\$1,436,037	\$1,464,758	\$1,493,478	\$1,522,199	\$1,550,920	\$1,579,640	\$1,608,361	\$1,637,08
DPERATING EXPENSES Manager's salary	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90.000	\$90,000	\$90.00
Bookkeeper's salary	\$90,000 \$45,000	\$90,000 \$45,000	\$90,000 \$45,000	\$90,000 \$45,000	\$90,000 \$45,000	\$90,000 \$45,000	\$90,000 \$45,000	\$90,000 \$45,000	\$90,000 \$45,000	\$90,00 \$45,00
Plant labor (custom)	\$49,500	\$59,400	\$66,000	\$67,320	\$68,640	\$69,960	\$71,280	\$72,600	\$73,920	\$75,24
Plant labor (carcasses)	\$46,406	\$55,688	\$61,875	\$63,113	\$64,350	\$65,588	\$66,825	\$68,063	\$69,300	\$70,53
Plant labor (fabricated)	\$185,625 \$50,045	\$222,750 \$60.054	\$247,500 \$66,727	\$252,450 \$68,061	\$257,400 \$69,396	\$262,350 \$70,730	\$267,300 \$72,065	\$272,250 \$73,399	\$277,200 \$74,734	\$282,15 \$76,06
Plant labor (calves) Supplies (packaging)	\$50,045 \$50,625	\$60,054 \$60,750	\$67,500	\$68,850	\$69,396 \$70,200	\$70,730 \$71,550	\$72,065 \$72,900	\$73,399 \$74,250	\$74,734 \$75,600	\$76,00 \$76,95
Supplies (chemical)	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,200	\$7,20
Supplies (other)	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,40
Utilities (sewer/water)	\$16,800	\$16,800	\$16,800	\$16,800	\$16,800	\$16,800	\$16,800	\$16,800	\$16,800	\$16,80
Utilities (electric)	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000	\$48,00
Rendering Payroll tax	\$104,000 \$39,659	\$104,000 \$45,296	\$104,000 \$49,054	\$104,000 \$49,805	\$104,000 \$50,557	\$104,000 \$51,308	\$104,000 \$52,060	\$104,000 \$52,812	\$104,000 \$53,563	\$104,00 \$54,3
Insurance (health)	\$69,986	\$79,934	\$86,565	\$87,892	\$89,218	\$90,544	\$91,870	\$93,197	\$94,523	\$95,84
Insurance (W/C)	\$81,651	\$93,256	\$100,993	\$102,540	\$104,088	\$105,635	\$107,182	\$108,730	\$110,277	\$111,82
Insurance (other)	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,00
Office/telephone expense	\$6,000	\$6,000 \$60,000	\$6,000 \$60,000	\$6,000 \$60,000	\$6,000	\$6,000 \$60,000	\$6,000 \$60,000	\$6,000 \$60,000	\$6,000	\$6,00 \$60,00
Maintenance/ heat expense Transportation costs	\$60,000 \$104,000	\$60,000 \$104,000	\$00,000	\$00,000	\$60,000 \$104,000	\$104,000	\$104,000	\$104,000	\$60,000 \$104,000	\$104,00
Lease of facility	\$40,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,000	\$52,00
Contingency	\$25,320	\$25,320	\$25,320	\$25,320	\$25,320	\$25,320	\$25,320	\$25,320	\$25,320	\$25,32
TOTAL OPERATING EXPENSES	\$1,182,218	\$1,297,847	\$1,366,933	\$1,380,751	\$1,394,568	\$1,408,385	\$1,422,202	\$1,436,020	\$1,449,837	\$1,463,65
OPERATING MARGIN (CASH)	(\$90,190)	(\$5,414)	\$69,103	\$84,007	\$98,910	\$113,814	\$128,717	\$143,621	\$158,524	\$173,42
DEVELOPMENT COSTS										
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	5
Site work	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	:
Building construction costs Equipment costs	\$0 \$60,000	\$0 \$15,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	5
Financing/organizational costs	\$10,000	\$15,000 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
Contingency	\$6,000	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	5
TOTAL DEVELOPMENT COSTS	\$76,000	\$16,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	5
INANCING & EQUITY										
Equity in land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	S
Cash equity contribution	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	5
TOTAL EQUITY	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	5
Working capital loan proceeds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	:
Working capital loan repayments	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
Working capital loan balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	5
Working capital loan interest	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	5
Loan proceeds	\$340,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	5
Loan proceeds Amortization - Bank Loan	\$340,000 \$6,500	\$0 \$6,500	٥٥ \$100,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	5
Amortization - FIDC Loan	\$18,657	\$18,657	\$18,657	\$18,657	\$18,657	\$18,657	\$18,657	\$0	\$0	
Amortization - Fund Loan	\$17,530	\$17,530	\$17,530	\$17,530	\$17,530	\$17,530	\$17,530	\$0	\$0	5
Amortization - VIDA Loan	\$4,716	\$4,716	\$4,716	\$4,716	\$4,716	\$4,716	\$4,716	\$0 \$0	\$0 \$0	
TOTAL DEBT SERVICE	\$47,403	\$47,403	\$140,903	\$40,903	\$40,903	\$40,903	\$40,903	\$0	\$0	ŝ
CASH FLOW	\$186,407	(\$69,317)	(\$71,800)	\$43,104	\$58,007	\$72,911	\$87,814	\$143,621	\$158,524	\$173,42
CUMULATIVE CASH	\$186,407	\$117,089	\$45,290	\$88,393	\$146,400	\$219,311	\$307,125	\$450,745	\$609,270	\$782,69

Meat Packing Facility Cash Flow Analysis Monthly - Year 1 (Leased Facility, All Beef)												
YEAR			- rea	<u>r i (Le</u>			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	1	1	1
MONTH VOLUME AS % OF BASE	1 75.0%	2 76.3%	3 77.5%	4 78.8%	5 80.0%	6 81.3%	7 82.5%	8 83.8%	9 85.0%	10 86.3%	11 87.5%	12 88.8%
VOLUME AS // OF BASE	1 J.U /0	10.3 /0	11.3/0	10.0/0	00.0 /0	01.3 /0	02.J /0	03.0 /0	03.0 /0	00.3 /0	01.3/0	00.0 /0
Beef cows per month Calves per month	469 1,138	477 1,156	484 1,175	492 1,194	500 1,213	508 1,232	516 1,251	523 1,270	531 1,289	539 1,308	547 1,327	555 1,346
REVENUE												
Beef slaughter/processing (custom)	\$12,656	\$12,867	\$13,078	\$13,289	\$13,500	\$13,711	\$13,922	\$14,133	\$14,344	\$14,555	\$14,766	\$14,977
Beef patty charges (custom) Beef slaughter/processing(carcass)	\$1,172 \$55,131	\$1,191 \$56,049	\$1,211 \$56.968	\$1,230 \$57,887	\$1,250 \$58.806	\$1,270 \$59.725	\$1,289 \$60,644	\$1,309 \$61.563	\$1,328 \$62,481	\$1,348 \$63,400	\$1,367 \$64,319	\$1,387 \$65,238
Beef slaughter/processing(carcass)	\$126,678	\$128,789	\$130,901	\$133,012	\$135,123	\$137,234	\$139,346	\$141,457	\$143,568	\$145,680	\$147,791	\$149,902
Calf slaughter	\$13,650	\$13,878	\$14,105	\$14,333	\$14,560	\$14,788	\$15,015	\$15,243	\$15,470	\$15,698	\$15,925	\$16,153
Drop (calves)	\$12,513	\$12,721	\$12,930	\$13,138	\$13,347	\$13,555	\$13,764	\$13,972	\$14,181	\$14,389	\$14,598	\$14,806
Drop (cows) SUB-TOTAL	\$21,094	\$21,445	\$21,797	\$22,148	\$22,500	\$22,852	\$23,203	\$23,555	\$23,906	\$24,258	\$24,609	\$24,961
Cost of Goods (cattle purchases)	\$242,893 (\$153,141)	\$246,941 (\$155,693)	\$250,989 (\$158,245)	\$255,038 (\$160,798)	\$259,086 (\$163,350)	\$263,134 (\$165,902)	\$267,182 (\$168,455)	\$271,230 (\$171,007)	\$275,279 (\$173,559)	\$279,327 (\$176,112)	\$283,375 (\$178,664)	\$287,423 (\$181,216)
#REF!	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250
TOTAL GROSS MARGIN	\$91,002	\$92,498	\$93,994	\$95,490	\$96,986	\$98,482	\$99,978	\$101,473	\$102,969	\$104,465	\$105,961	\$107,457
OPERATING EXPENSES												
Manager's salary	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Bookkeeper's salary	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750
Plant labor (custom) Plant labor (carcasses)	\$4,125 \$3,867	\$4,194 \$3,932	\$4,263 \$3,996	\$4,331 \$4,061	\$4,400 \$4,125	\$4,469 \$4,189	\$4,538 \$4,254	\$4,606 \$4,318	\$4,675 \$4,383	\$4,744 \$4,447	\$4,813 \$4,512	\$4,881 \$4,576
Plant labor (carcasses) Plant labor (fabricated)	\$3,867 \$15,469	\$3,932 \$15,727	\$3,996 \$15,984	\$4,061 \$16,242	\$4,125 \$16,500	\$4,189 \$16,758	\$4,254 \$17.016	\$4,318 \$17,273	\$4,383 \$17,531	\$4,447 \$17,789	\$4,512 \$18,047	\$4,576 \$18,305
Plant labor (calves)	\$4,170	\$4,240	\$4,309	\$4,379	\$4,448	\$4,518	\$4,587	\$4,657	\$4,726	\$4,796	\$4,865	\$4,935
Supplies (packaging)	\$4,219	\$4,289	\$4,359	\$4,430	\$4,500	\$4,570	\$4,641	\$4,711	\$4,781	\$4,852	\$4,922	\$4,992
Supplies (chemical)	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600
Supplies (other)	\$200 \$1,400	\$200 \$1,400	\$200 \$1,400	\$200 \$1,400	\$200	\$200 \$1,400	\$200	\$200 \$1,400	\$200 \$1,400	\$200 \$1,400	\$200	\$200
Utilities (sewer/water) Utilities (electric)	\$1,400 \$4,000	\$1,400 \$4,000	\$1,400 \$4,000	\$1,400 \$4,000	\$1,400 \$4,000	\$1,400 \$4,000						
Rendering	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667
Payroll tax	\$3,305	\$3,344	\$3,383	\$3,422	\$3,461	\$3,501	\$3,540	\$3,579	\$3,618	\$3,657	\$3,696	\$3,736
Insurance (health)	\$5,832	\$5,901	\$5,970	\$6,039	\$6,109	\$6,178	\$6,247	\$6,316	\$6,385	\$6,454	\$6,523	\$6,592
Insurance (W/C)	\$6,804	\$6,885	\$6,965	\$7,046	\$7,127	\$7,207	\$7,288	\$7,368	\$7,449	\$7,530	\$7,610	\$7,691
Insurance (other) Office/telephone expense	\$5,000 \$500	\$5,000 \$500	\$5,000 \$500	\$5,000 \$500	\$5,000 \$500	\$5,000 \$500						
Maintenance/ heat expense	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Transportation costs	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667
Lease of facility	\$3,333	\$3,333	\$3,333	\$3,333	\$3,333	\$3,333	\$3,333	\$3,333	\$3,333	\$3,333	\$3,333	\$3,333
	\$2,110 \$98,518	\$2,110 \$99,238	\$2,110 \$99,957	\$2,110 \$100.677	\$2,110 \$101,397	\$2,110 \$102,116	\$2,110 \$102,836	\$2,110 \$103,556	\$2,110 \$104,275	\$2,110 \$104,995	\$2,110 \$105.715	\$2,110 \$106,434
TOTAL OPERATING EXPENSES OPERATING MARGIN (CASH)	(\$7,516)	\$99,230	(\$5,963)	(\$5,187)	(\$4,411)	(\$3,635)	(\$2,858)	(\$2,082)	(\$1,306)	(\$530)	\$105,715	\$1,023
	(\$1,010)	(00,110)	(00,000)	(00,101)	(\$1,111)	(00,000)	(\$2,000)	(\$2,002)	(\$1,000)	(0000)	ψ£10	\$1,020
DEVELOPMENT COSTS Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Site work	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Building construction costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment costs	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing/organizational costs Contingency	\$10,000 \$6,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
TOTAL DEVELOPMENT COSTS	\$76,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	<del>\$0</del> \$0	\$0 \$0	\$0 \$0
FINANCING & EQUITY	¢0.	¢0.	03	¢0.	02	¢0.	02	¢0,	¢0.	¢0.	03	¢0.
Equity in land Cash equity contribution	\$0 \$60.000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
TOTAL EQUITY	\$60,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
Working capital loan proceeds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working capital loan repayments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working capital loan balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working capital loan interest	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Loan proceeds	\$340,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amortization - Bank Loan	\$542	\$542	\$542	\$542	\$542	\$542	\$542	\$542	\$542	\$542	\$542	\$542
Amortization - FIDC Loan Amortization - Fund Loan	\$1,555 \$1,461	\$1,555 \$1,461	\$1,555 \$1,461	\$1,555 \$1,461	\$1,555 \$1,461	\$1,555 \$1,461						
Amortization - Fund Loan Amortization - VIDA Loan	\$1,461	\$1,461 \$393	\$1,461	\$1,461	\$1,461 \$393	\$1,461	\$1,461 \$393	\$1,461	\$1,461 \$393	\$1,461 \$393	\$1,461 \$393	\$1,461 \$393
TOTAL DEBT SERVICE	\$3,950	\$3,950	\$3,950	\$3,950	\$3,950	\$3,950	\$3,950	\$3,950	\$3,950	\$3,950	\$3,950	\$3,950
CASH FLOW	\$312,534	(\$10,690)	(\$9,914)	(\$9,137)	(\$8,361)	(\$7,585)	(\$6,809)	(\$6,033)	(\$5,256)	(\$4,480)	(\$3,704)	(\$2,928)
CUMULATIVE CASH	\$312,534	\$301,844	\$291,930	\$282,793	\$274,432	\$266,847	\$260,038	\$254,005	\$248,749	\$244,269	\$240,565	\$237,637

Meat Packing Facility Cash Flow Analysis Monthly - Year 2 (Leased Facility, All Beef)												
YEAR	2	2	2 1 ed	2 (Lt	2	2	<b>19, All</b>	2	2	2	2	2
MONTH VOLUME AS % OF BASE	1 89.6%	2 90.4%	3 91.2%	4 92.1%	5 92.9%	6 93.7%	7 94.6%	8 95.4%	9 96.2%	10 97.1%	11 97.9%	12 98.7%
	03.070	50.470	J1.2 /0	52.170	52.570	55.1 /0	54.070	55.470	50.270	51.170	51.570	30.170
Beef cows per month Calves per month	560 1,359	565 1,371	570 1,384	576 1,397	581 1,409	586 1,422	591 1,435	596 1,447	602 1,460	607 1,472	612 1,485	617 1,498
REVENUE	•											
Beef slaughter/processing (custom) Beef patty charges (custom)	\$15,117 \$1,400	\$15,258 \$1,413	\$15,398 \$1,426	\$15,539 \$1,439	\$15,680 \$1,452	\$15,820 \$1,465	\$15,961 \$1,478	\$16,102 \$1,491	\$16,242 \$1,504	\$16,383 \$1,517	\$16,523 \$1,530	\$16,664 \$1,543
Beef slaughter/processing(carcass)	\$65,850	\$66,463	\$67,076	\$67,688	\$68,301	\$68,913	\$1,476 \$69.526	\$1,491 \$70.138	\$1,504 \$70,751	\$71,317 \$71,364	\$71,976	\$1,543 \$72,589
Beef slaughter/processing(fabricated)	\$151,310	\$152,717	\$154,125	\$155,532	\$156,940	\$158,347	\$159,755	\$161,162	\$162,570	\$163,978	\$165,385	\$166,793
Calf slaughter	\$16,304	\$16,456	\$16,608	\$16,759	\$16,911	\$17,063	\$17,214	\$17,366	\$17,518	\$17,669	\$17,821	\$17,973
Drop (calves)	\$14,945	\$15,085	\$15,224	\$15,363	\$15,502	\$15,641	\$15,780	\$15,919	\$16,058	\$16,197	\$16,336	\$16,475
Drop (cows)	\$25,195	\$25,430	\$25,664	\$25,898	\$26,133	\$26,367	\$26,602	\$26,836	\$27,070	\$27,305	\$27,539	\$27,773
SUB-TOTAL Cost of Goods (cattle purchases)	\$290,122 (\$182,918)	\$292,821 (\$184,620)	\$295,520 (\$186,321)	\$298,219 (\$188,023)	\$300,917 (\$189,724)	\$303,616 (\$191,426)	\$306,315 (\$193,127)	\$309,014 (\$194,829)	\$311,713 (\$196,530)	\$314,411 (\$198,232)	\$317,110 (\$199,934)	\$319,809 (\$201,635)
#REF!	(\$102,310) \$0	(\$104,020) \$0	(\$100,321) \$0	(\$100,023) \$0	(\$103,724) \$0	(\$131,420) \$0	(#193,127) \$0	(\$134,023) \$0	(\$130,330) \$0	(#190,232) \$0	(\$133,334) \$0	(\$201,033) \$0
TOTAL GROSS MARGIN	\$107,204	\$108,201	\$109,199	\$110,196	\$111,193	\$112,190	\$113,188	\$114,185	\$115,182	\$116,179	\$117,177	\$118,174
OPERATING EXPENSES												
Manager's salary	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Bookkeeper's salary	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750
Plant labor (custom)	\$4,927 \$4,610	\$4,973	\$5,019	\$5,065	\$5,110 \$4,701	\$5,156	\$5,202	\$5,248	\$5,294	\$5,340 \$5,006	\$5,385 \$5,040	\$5,431
Plant labor (carcasses) Plant labor (fabricated)	\$4,619 \$18,477	\$4,662 \$18,648	\$4,705 \$18,820	\$4,748 \$18,992	\$4,791 \$19,164	\$4,834 \$19,336	\$4,877 \$19,508	\$4,920 \$19,680	\$4,963 \$19,852	\$5,006 \$20,023	\$5,049 \$20,195	\$5,092 \$20,367
Plant labor (rabricated) Plant labor (calves)	\$18,477 \$4,981	\$18,648 \$5,028	\$18,820 \$5,074	\$18,992 \$5,120	\$19,164 \$5,167	\$19,336 \$5,213	\$19,508	\$19,680 \$5,306	\$19,852 \$5,352	\$20,023 \$5,398	\$20,195 \$5,445	\$20,367 \$5,491
Supplies (packaging)	\$5,039	\$5,086	\$5,133	\$5,180	\$5,227	\$5,273	\$5,320	\$5,367	\$5,414	\$5,461	\$5,508	\$5,555
Supplies (chemical)	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600
Supplies (other)	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200
Utilities (sewer/water)	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400
Utilities (electric)	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
Rendering	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667
Payroll tax Insurance (health)	\$3,762 \$6,638	\$3,788 \$6,684	\$3,814 \$6,730	\$3,840 \$6,776	\$3,866 \$6,822	\$3,892 \$6,868	\$3,918 \$6,914	\$3,944 \$6,960	\$3,970 \$7,007	\$3,996 \$7,053	\$4,023 \$7,099	\$4,049 \$7,145
Insurance (W/C)	\$0,030 \$7,744	\$0,004 \$7,798	\$0,730 \$7,852	\$0,770 \$7,906	\$0,822 \$7,959	\$8,013	\$8,067	\$8,121	\$8,174	\$8,228	\$8,282	\$8,335
Insurance (other)	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Office/telephone expense	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500
Maintenance/ heat expense	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Transportation costs	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667
Lease of facility	\$4,333	\$4,333	\$4,333	\$4,333	\$4,333	\$4,333	\$4,333	\$4,333	\$4,333	\$4,333	\$4,333	\$4,333
Contingency TOTAL OPERATING EXPENSES	\$2,110 \$107,914	\$2,110 \$108,394	\$2,110 \$108.874	\$2,110 \$109,353	\$2,110 \$109,833	\$2,110 \$110.313	\$2,110 \$110,793	\$2,110 \$111,272	\$2,110 \$111,752	\$2,110 \$112,232	\$2,110 \$112,712	\$2,110 \$113,191
OPERATING MARGIN (CASH)	(\$710)	(\$192)	\$325	\$843	\$1,360	\$1,878	\$2,395	\$2,912	\$3,430	\$3,947	\$4,465	\$4,982
DEVELOPMENT COSTS												
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Site work	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Building construction costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment costs	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Financing/organizational costs	\$0 ¢1 500	\$0 ©0	\$0 ©0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0	\$0
Contingency TOTAL DEVELOPMENT COSTS	\$1,500 \$16,500	\$0 \$0										
FINANCING & EQUITY		<b>^</b>	•	<b>^</b>	<b>^</b>	•	••	•	<b>^</b>	<b>^</b>	•••	<b>6</b> 0
Equity in land Cash equity contribution	\$0 \$0											
TOTAL EQUITY	\$0 \$0	<u>\$0</u> \$0										
Working capital loan proceeds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working capital loan repayments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working capital loan balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working capital loan interest	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Loan proceeds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amortization - Bank Loan	\$542	\$542	\$542	\$542	\$542	\$542	\$542	\$542	\$542	\$542	\$542	\$542
Amortization - FIDC Loan	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555
Amortization - Fund Loan Amortization - VIDA Loan	\$1,461 \$393											
TOTAL DEBT SERVICE	\$3,950	\$3,950	\$3,950	\$393	\$393 \$3,950	\$3,950	\$393 \$3,950	\$3,950	\$393	\$393 \$3,950	\$393 \$3,950	\$3,950
		(\$4,143)	(\$3,625)	(\$3,108)	(\$2,590)	(\$2,073)	(\$1,555)	(\$1,038)	(\$520)	(\$3)	\$515	\$1,032
CASH FLOW	(\$21,160)	( 1,4 1,4 .7 .										

Meat Packing Facility Cash Flow Analysis Monthly - Year 3 (Leased Facility, All Beef)												
YEAR	3	3	3	3	3	3	3	3	3	3	3	3
MONTH VOLUME AS % OF BASE	1 98.9%	2 99.1%	3 99.2%	4 99.4%	5 99.6%	6 99.7%	7 99.9%	8 100.1%	9 100.3%	10 100.4%	11 100.6%	12 100.8%
Deef cours per menth	610	610	600	601	600	600	604	606	607	600	600	620
Beef cows per month Calves per month	618 1,500	619 1,503	620 1,505	621 1,508	622 1,510	623 1,513	624 1,515	626 1,518	627 1,520	628 1,523	629 1,526	630 1,528
REVENUE Beef slaughter/processing (custom)	\$16,692	\$16,720	\$16,748	\$16,777	\$16,805	\$16,833	\$16.861	\$16,889	\$16,917	\$16,945	\$16,973	\$17,002
Beef patty charges (custom)	\$1,546	\$1,548	\$1,551	\$1,553	\$1,556	\$1,559	\$1,561	\$1,564	\$1,566	\$1,569	\$1,572	\$1,574
Beef slaughter/processing(carcass)	\$72,711	\$72,834	\$72,956	\$73,079	\$73,201	\$73,324	\$73,446	\$73,569	\$73,691	\$73,814	\$73,936	\$74,059
Beef slaughter/processing(fabricated)	\$167,074	\$167,356 \$18,033	\$167,637	\$167,919 \$18,094	\$168,200 \$18,124	\$168,482 \$18,155	\$168,763	\$169,045	\$169,326	\$169,608	\$169,889 \$18,306	\$170,171 \$18,337
Calf slaughter Drop (calves)	\$18,003 \$16,503	\$16,033	\$18,064 \$16,558	\$16,586	\$16,124 \$16,614	\$16,642	\$18,185 \$16,669	\$18,215 \$16,697	\$18,246 \$16,725	\$18,276 \$16,753	\$16,300 \$16,781	\$16,808
Drop (cows)	\$27,820	\$27,867	\$27,914	\$27,961	\$28,008	\$28,055	\$28,102	\$28,148	\$28,195	\$28,242	\$28,289	\$28,336
SUB-TOTAL	\$320,349	\$320,889	\$321,428	\$321,968	\$322,508	\$323,048	\$323,587	\$324,127	\$324,667	\$325,207	\$325,746	\$326,286
Cost of Goods (cattle purchases)	(\$201,975)	(\$202,316)	(\$202,656)	,	,	(\$203,677)	(\$204,017)	,	,	,	(\$205,379)	(\$205,719)
#REF! TOTAL GROSS MARGIN	\$0 \$118,373	\$0 \$118,573	\$0 \$118,772	\$0 \$118,972	\$0 \$119,171	\$0 \$119,371	\$0 \$119,570	\$0 \$119,769	\$0 \$119,969	\$0 \$120,168	\$0 \$120,368	\$0 \$120,567
			. ,									
OPERATING EXPENSES Manager's salary	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
Bookkeeper's salary	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750	\$3,750
Plant labor (custom)	\$5,440	\$5,450	\$5,459	\$5,468	\$5,477	\$5,486	\$5,495	\$5,505	\$5,514	\$5,523	\$5,532	\$5,541
Plant labor (carcasses)	\$5,100	\$5,109	\$5,118	\$5,126	\$5,135	\$5,143	\$5,152	\$5,161	\$5,169	\$5,178	\$5,186	\$5,195
Plant labor (fabricated)	\$20,402	\$20,436	\$20,470	\$20,505	\$20,539	\$20,573	\$20,608	\$20,642	\$20,677	\$20,711	\$20,745	\$20,780
Plant labor (calves) Supplies (packaging)	\$5,500 \$5,564	\$5,510 \$5,573	\$5,519 \$5,583	\$5,528 \$5,592	\$5,537 \$5,602	\$5,547 \$5,611	\$5,556 \$5,620	\$5,565 \$5,630	\$5,574 \$5,639	\$5,584 \$5,648	\$5,593 \$5,658	\$5,602 \$5,667
Supplies (chemical)	\$600	\$5,573 \$600	\$5,585 \$600	\$5,592 \$600	\$5,002 \$600	\$600	\$5,020	\$5,030 \$600	\$5,039 \$600	\$5,048 \$600	\$5,058 \$600	\$5,007
Supplies (other)	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200
Utilities (sewer/water)	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400
Utilities (electric)	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
Rendering Bourgell tox	\$8,667 \$4,054	\$8,667	\$8,667 \$4,064	\$8,667	\$8,667 \$4,075	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667	\$8,667
Payroll tax Insurance (health)	\$4,054 \$7,154	\$4,059 \$7,163	\$4,064 \$7,172	\$4,070 \$7,182	\$4,075 \$7,191	\$4,080 \$7,200	\$4,085 \$7,209	\$4,090 \$7,218	\$4,096 \$7,228	\$4,101 \$7,237	\$4,106 \$7,246	\$4,111 \$7,255
Insurance (W/C)	\$8,346	\$8,357	\$8,368	\$8,378	\$8,389	\$8,400	\$8,411	\$8,421	\$8,432	\$8,443	\$8,454	\$8,464
Insurance (other)	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Office/telephone expense	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500
Maintenance/ heat expense Transportation costs	\$5,000 \$8,667	\$5,000 \$8,667	\$5,000 \$8,667	\$5,000 \$8,667	\$5,000 \$8,667	\$5,000 \$8,667	\$5,000 \$8,667	\$5,000 \$8,667	\$5,000 \$8,667	\$5,000 \$8,667	\$5,000 \$8,667	\$5,000 \$8,667
Lease of facility	\$6,667 \$4,333	\$0,007 \$4,333	\$0,007 \$4,333	\$0,007 \$4,333	\$0,007 \$4,333	\$0,007 \$4,333	\$0,007 \$4,333	\$0,007 \$4,333	\$0,007 \$4,333	\$0,007 \$4,333	\$0,007 \$4,333	\$0,007 \$4,333
Contingency	\$2,110	\$2,110	\$2,110	\$2,110	\$2,110	\$2,110	\$2,110	\$2,110	\$2,110	\$2,110	\$2,110	\$2,110
TOTAL OPERATING EXPENSES	\$113,287	\$113,383	\$113,479	\$113,575	\$113,671	\$113,767	\$113,863	\$113,959	\$114,055	\$114,151	\$114,247	\$114,343
OPERATING MARGIN (CASH)	\$5,086	\$5,189	\$5,293	\$5,396	\$5,500	\$5,603	\$5,707	\$5,810	\$5,914	\$6,017	\$6,121	\$6,224
DEVELOPMENT COSTS												
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Site work	\$0 \$0	\$0 ©0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0
Building construction costs Equipment costs	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
Financing/organizational costs	\$0	\$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL DEVELOPMENT COSTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FINANCING & EQUITY												
Equity in land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cash equity contribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL EQUITY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working capital loan proceeds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working capital loan repayments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working capital loan balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working capital loan interest	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Loan proceeds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amortization - Bank Loan	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amortization - FIDC Loan	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555
Amortization - Fund Loan	\$1,461	\$1,461	\$1,461	\$1,461	\$1,461	\$1,461	\$1,461	\$1,461	\$1,461	\$1,461	\$1,461	\$1,461
Amortization - VIDA Loan TOTAL DEBT SERVICE	\$393 \$103,409	\$393 \$3,409	\$393 \$3,409	\$393 \$3,409	\$393 \$3,409	\$393 \$3,409	\$393 \$3,409	\$393 \$3,409	\$393 \$3,409	\$393 \$3,409	\$393 \$3,409	\$393 \$3,409
	φ100, <del>1</del> 00	ψ0,τ00	ψ0,τ00	ψ0,τ00	ψ0,τ00	ψ0,τ00	ψ0,τ00	ψ0,τ00	ψ0,τ00	ψ0,τ00	ψ0,τ00	ψ0,τ00
CASH FLOW	(\$98,323)	\$1,781	\$1,884	\$1,988	\$2,091	\$2,195	\$2,298	\$2,402	\$2,505	\$2,609	\$2,712	\$2,816
CUMULATIVE CASH	\$101,046	\$102,827	\$104,711	\$106,699	\$108,790	\$110,985	\$113,283	\$115,685	\$118,190	\$120,799	\$123,511	\$126,327

# **Cash Flow Assumptions**

Land costs/acre	\$0
Building cost per square foot	\$0
Man-hours to process custom beef	8.0
Man-hours to process beef carcass	2.5
Man-hours to fabricate other beef	5.0
Man-hours to process hogs	2.0
Man-hours to process lambs, etc.	2.0
Man-hours to process calf	0.3
Beef proceesed per year	7,500
Calves slaughtered per year	18,200
Hogs proceesed per year	0
Lambs proceesed per year	0
Other animals processed per year	0
Manager salaries (annual)	\$90,000
Average cost of plant labor (per hour)	\$11.00
Bookkeeper (annual)	\$45,000
Beef slaughter charge	\$45.00
Hog slaughter charge	\$25.00
Lamb/other slaughter charge	\$20.00
Calf slaughter charge	\$12
Basic fabrication charge (per lb.)	\$0.375
Extra charge for beef patties (per lb.)	\$0.25
Extra charge for sausage (per lb.)	\$0.50
Freezing charge charge per beef	\$0.00
Freezing charges (hogs)	\$0.00
Drop income (per beef)	\$45.00
Calf drop value	\$11.00
Smoking charge (per lb.)	\$0.65
1st year revenue %	75%
2nd year revenue %	90%
3rd year revenue %	100%
Annual growth rate (years 4 to 10)	2%
Annual growth rate (years 11 to 20)	1%
Building size (square feet)	10,000
Maintenance/heat costs (monthly)	\$5,000

Carcass size (custom beef)	600
Beef live weight (other)	1,100
Beef dressing %	44%
Carcass size (other beef)	484
Other beef carcass purchase price per lb.	\$0.75
Other beef carcass purchase price	\$363.00
Other beef carcass sale price per lb.	\$0.81
Other beef carcass sale price	\$392.04
Other beef yield of lean %	66%
Other beef yield of lean	319
Other beef price per pound (fabricated)	\$1.41
Other beef - net meat value	\$450.41
Percent custom business	10%
Percent carcass business	30%
Percent other fabrication business	60%
Loan interest rate	5.0%
Loan term (months)	84
Ground beef per custom beef	100
Supply/packaging costs - custom beef	\$30
Supply/packaging costs - other beef	\$10
Chemical costs (monthly)	\$600
Other supplies (monthly)	\$200
Sewer/water utilities (monthly)	\$1,400
Electric utilities (monthly)	\$4,000
Rendering costs (weekly)	\$2,000
Facility lease expense (weekly)	\$1,000
Other supplies (monthly)	\$200
Health insurance % of payroll	15.0%
Workers com. insurance % of payroll	17.5%
Other insurance costs (monthly)	\$5,000
Payroll/misc. taxes %	8.5%
Contingency	\$25,320
Office/telephone costs (monthly)	\$500
Transportation costs (weekly)	\$2,000
Job Training Financial Support	\$15,000

## MEAT PACKING FACILITY PRO FORMA FINANCIAL STATEMENTS

INCOME AND EXPENSES:	FY 2004	FY 2005	FY 2006
		<b>\$0.450.050</b>	¢0.040.000
Slaughter/processing (custom) Drop (sales of byproducts)	\$2,741,655 \$440,242	\$3,153,253 \$506,334	\$3,343,006 \$536,804
SUB-TOTAL	\$3,181,897	\$3,659,587	\$3,879,810
Cost of Goods Sold (cattle purchases)	\$2,006,142	\$2,307,319	\$2,446,166
GROSS INCOME	\$1,190,755	\$1,352,268	\$1,433,643
EXPENSES			
Salaries and wages	\$496,971	\$551,312	\$576,365
Employee fringes, insurances and taxes	\$203,758	\$226,038	\$236,310
Rendering expense	\$104,000	\$104,000	\$104,000
Transportation costs	\$104,000	\$104,000	\$104,000
Materials and supplies	\$64,866	\$73,162	\$76,988
Utility expense	\$64,800	\$64,800	\$64,800
Insurance (general)	\$60,000	\$60,000	\$60,000
Maintenance/ heat expense	\$60,000	\$60,000	\$60,000
Lease expense (existing facility)	\$40,000	\$52,000	\$52,000
Office and other operating expenses	\$31,320	\$31,320	\$31,320
SUB-TOTAL	\$1,229,714	\$1,326,633	\$1,365,782
Interest	\$18,147	\$16,618	\$8,505
Depreciation	\$7,600	\$9,250	\$9,250
TOTAL EXPENSES	\$1,255,462	\$1,352,501	\$1,383,537
NET INCOME BEFORE TAXES	(\$64,707)	(\$233)	\$50,107

ASSETS AND LIABILITIES:	Beginning FY 2004	Beginning FY 2005	Beginning FY 2006	Ending FY 2006
ASSETS				
<b>CURRENT ASSETS</b> Cash on hand Accounts receivable	\$324,000 \$0	\$237,637 \$50,000	\$214,219 \$56,000	\$139,527 \$60,000
TOTAL CURRENT ASSETS	\$324,000	\$287,637	\$270,219	\$199,527
FIXED ASSETS (DEPRECIATED VALUE Equipment Organization expenses	E) \$66,000 \$10,000	\$59,400 \$9,000	\$52,800 \$8,000	\$46,200 \$7,000
TOTAL FIXED ASSETS	\$76,000	\$68,400	\$60,800	\$53,200
TOTAL ASSETS	\$400,000	\$356,037	\$331,019	\$252,727
LIABILITIES AND EQUITY				
<b>CURRENT LIABILITIES</b> Accounts payable Short-term debt Current portion of long-term debt	\$0 \$100,000 \$29,256	\$50,000 \$100,000 \$30,786	\$56,000 \$100,000 \$32,398	\$60,000 \$0 \$34,099
TOTAL CURRENT LIABILITIES	\$129,256	\$180,786	\$188,398	\$94,099
LONG-TERM LIABILITIES Non-current portion of long-term debt	\$210,744	\$179,959	\$147,560	\$113,461
TOTAL LIABILITIES	\$340,000	\$360,744	\$335,959	\$207,560
Equity Retained earnings	\$60,000 \$0	\$60,000 (\$64,707)	\$60,000 (\$64,939)	\$60,000 (\$14,833)
TOTAL LIABILITIES AND EQUITY	\$400,000	\$356,037	\$331,019	\$252,727

NOTE: Accounts payable and receivable based on average 15 day turnaround that is not reflected in cash flow figures based on full month periods. Therefore, the numbers do not correlate precisely.

# 2.0 Developing the Business Plan - Will It Work?

The following sections deal with additional information that you will need for completing your loan application and assembling the written Business Plan for your proposed enterprise.

### 2.1 Credit Report

A personal credit report is likely to be required by your lenders. You should obtain one on yourself and other principals at the outset to evaluate whether there are any possible stumbling blocks for you. You can do so from the Internet or by working with your financial advisors. Review this report with your advisors to address any problems immediately.

### 2.2 Personal Financial Statement

A completed and signed personal financial statement will be needed for everyone who will own 20% or more of the business and anyone else who will be cosigning for loans. If anyone filling out a Personal Financial Statement is married and has joint assets listed, then their spouse needs to sign the personal financial statement also.

Sample forms for this purpose from the Small Business Administration follow. They provide an excellent format for reporting even if you have no intentions of using SBA financing.



#### OMB APPROVAL NO. 3245-0188 EXPIRATION DATE:11/30/2004

#### PERSONAL FINANCIAL STATEMENT

				As of		,	
Complete this form for: (1) each proprietor, or (2) ea 20% or more of voting stock, or (4) any person or en	ach limited partner who ntity providing a guaran	owns 20% ity on the lo	or more inter an.	est and each genera	al partner, or (3)	each stockholder ownin	g
Name				Busines	s Phone		
Residence Address				Residen	ce Phone		
City, State, & Zip Code							
Business Name of Applicant/Borrower							
ASSETS	(Omit Cent	s)		LIA	BILITIES	(Omit Cents)	
Cash on hand & in Banks	\$	Acco	unts Payable			\$	
Savings Accounts	\$		s Payable to E	Banks and Others		\$	
IRA or Other Retirement Account	\$	(	Describe in S	Section 2)			
Accounts & Notes Receivable	\$					\$	
Life Insurance-Cash Surrender Value Only	\$		No. Payments				
(Complete Section 8)	•	Insta	Iment Accour	nt (Other)		\$	
Stocks and Bonds	\$		No. Payments			•	
(Describe in Section 3)	•					\$	
Real Estate	\$					\$	
(Describe in Section 4)	¢	· · ·	Describe in S	,		¢	
Automobile-Present Value	\$					\$	
Other Personal Property (Describe in Section 5)	\$		Describe in S	,		¢	
· · · · · · · · · · · · · · · · · · ·	\$		Describe in S	Contion 7)		\$	
Other Assets (Describe in Section 5)	Φ					\$	
(						•	
Total	\$				otal	\$	
Section 1. Source of Income		Cont	ingent Liabi	lities			
	\$		•			\$	_
Salary Net Investment Income	\$\$					\$\$	
Real Estate Income	\$					\$\$	
Other Income (Describe below)*	\$\$					\$	
	•			*		•	_
Description of Other Income in Section 1.							
*Alimony or child support payments need not be disclose	d in "Other Income" unles	es it is desire	d to have such	navments counted to	ward total income		
						statement and signed.)	
Section 2. Notes Payable to Banks and Others.		Jessary. La			as a part of this	statement and signed.)	
Name and Address of Noteholder(s)	Original Balance	Current Balance	Payment Amount	Frequency (monthly,etc.)	How Se	ecured or Endorsed pe of Collateral	
	Dalarice	Dalarice	Amount	(monting,etc.)	Ty		_



Section 3. Stocks	and Bonds. (Use at	tachments if necessary.	. Each attachment must be identified as a part of this statement and signed).							
Number of Shares	Name	of Securities	Cost	t	Market Value Quotation/Exchange	Date of Quotation/Excha	nge	Total Value		
		]								
Section 4. Real Est	ate Owned.	(List each parcel separate of this statement and sign	ely. Use attach ned.)	nment if n	ecessary. Each attac	hment must be ide	ntified	as a part		
		Property A			Property B		Р	Property C		
Type of Property		Г		「						
Address										
Date Purchased										
Original Cost										
Present Market Valu	e									
Name & Address of Mortgage	e Holder									
Mortgage Account N	lumber									
Mortgage Balance										
Amount of Payment	per Month/Year									
Status of Mortgage										
Section 5. Other Pe	rsonal Property an	IO UIDELASSEIS.			l as security, state name escribe delinguency)	and address of lien	holder	, amount of lien, terms		
Section 6. Unp	baid Taxes. (De	escribe in detail, as to type,	, to whom paya	able, wher	n due, amount, and to	what property, if a	ny, a ta	ax lien attaches.)		
Section 7. Oth	er Liabilities. (De	escribe in detail.)								
Section 8. Life	Insurance Held.	(Give face amount and	cash surrende	r value of	policies - name of ins	urance company a	ind bei	neficiaries)		
and the statements	contained in the atta ing a loan. I understa	es as necessary to verify th achments are true and accu and FALSE statements ma	urate as of the	stated da	te(s). These stateme	nts are made for the	e purp	ose of either obtaining		
Signature:				Date:	Social	Security Number:				
Signature:				Date:	Social	Security Number:				
PLEASE NOTE:	concerning this estim Administration, Washi	age burden hours for the cor nate or any other aspect of ington, D.C. 20416, and Clear 503 <b>. PLEASE DO NOT SEND</b>	this information rance Officer, P	n, please o Paper Redu	contact Chief, Adminis	trative Branch, U.S.	. Small	Business		

### 2.3 Tax Returns

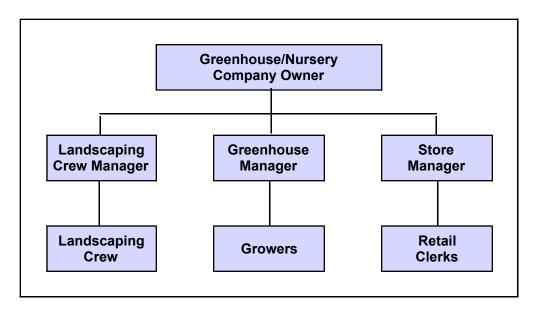
Personal and business Federal tax returns for the last 3 years will be needed for everyone who filled out a Personal Financial Statement.

### 2.4 Management Personnel

Resumes or biographies are needed for all management personnel. These should include work experience with dates, education, professional affiliations and anything else that will demonstrate that the experience and/or training needed to run this business are present. Also, describe the labor force required as a whole.

# 2.5 Organizational Chart

If your business will involve several employees, prepare an organizational chart to illustrate how it will be managed. A sample chart for a nursery/greenhouse business is provided below:



The importance of the chart is that it illustrates who are the important managers if the proposed new business is to succeed. In this case, the three department are critical.

### 2.6 Other Information Required

You will need to provide a variety of additional information, depending on the nature of your business. The following are examples:

- 1. Name of proposed business.
- 2. Legal status of the business. Will it be incorporated? If so, when will this be filed? If the paperwork has already been filed, include a copy.
- 3. Names and percentages of ownership for all owners.
- 4. A copy of deed or lease agreement. Also, address zoning and environmental review requirements related to the location and proposal.
- 5. Provide a floor and/or site plan if relevant.
- 6. Identify the hours and days your business will be open. What holidays will you be closed? Is your business seasonal?
- 7. List all permits or licenses needed for your business. Attach copies if they are in place. If they are not yet in place, explain plans for taking care of them.
- 8. Provide the name, address and phone number of your accountant and attorney.
- 9. Provide your insurance agent's name, agency, address and phone number and list the types of insurance you will have.
- 10. Identify your key suppliers and their terms.
- 11. Provide a proposed date to open your business.
- 12. Assemble background materials that explain your industry.

### 2.7 Organizing the Business Plan

Once you've collected all the foregoing data and identified a prospective lender (work with you financial advisor on this or consult one of Erie County's economic development agencies) you are ready to put it all together into a written Business Plan. The Plan should be concise. It should also be tailored to your particular business and the size of the enterprise you propose. One model does not fit all. The key is to understand the fundamentals of your business and to able to communicate these to others. The following provides a possible outline for such a plan.

### Table of Contents for a Business Plan

### 1.0 Executive Summary

### 2.0 Business Description, Mission Statement and Business Goals

- 2.1 Description of Business
- 2.2 Business Mission Statement
- 2.3 Business Goals

### 3.0 Marketing Plan

- 3.1 Market Area Analysis and Competition
- 3.2 Business Marketing Plan

### 4.0 Management Plan

### 5.0 Financial Plan

- 5.1 Sales Forecast, Income and Expenses
- 5.2 Capital Requirements and Financing Proposal
- 5.3 Cash Flow Analysis

### 6.0 Appendices

- A Pro Forma Income and Expense Statements
- B. Pro Forma Balance Sheets
- C. Cash Flow Projections
- D. Other Attachments (these might include tax returns, contracts, loan documents, equipment lists, resumes, industry articles, etc.).

It is important in drafting your plan to avoid the following common mistakes:

Mistake #1:	Assume the reader knows all about your business.
Mistake #2:	Use technical jargon that no one else understands.
Mistake #3:	Repeat yourself over and over again.
Mistake #4:	Assume a large industry market will impress lenders.
Mistake #5:	Declare that everyone is your target market.
Mistake #6:	State that you do not have any competition.
Mistake #7:	Forget to explain how you will manage your business.
Mistake #8:	Don't tie the different parts of the plan together.
Mistake #9:	Fail to break out and document project funding.
Mistake #10:	Include unsubstantiated numbers that don't add up.
Mistake #11:	Apply a large business model to a small business.
Mistake #12:	Assume that, if you open, they will come.