



### Enterprise Budget for Heritage Swine

This project received support from The Golden LEAF Foundation



<b>Land and Buildings</b>		Number of Units	Cost per Unit (\$)	Unit	Totals	Comments
Total Acreage	50.0	-	acres	-	Cost per unit = Zero for existing land owners. Add value to 'Cost per Unit' if buying land	
Acreage devoted to Enterprise	25.0	-	acres	-		
Existing Buildings for Enterprise	300	-	sq ft	-		
Required Building(s) for Enterprise	300	10	sq ft	3,000	Cost to Build	
Acres per gestation and lactation pastures	1.00		acres		information for calculations	
Acres per growing and feeding pastures	1.33		acres		information for calculations	
Animals per pasture growing and feeding	40.0		each		information for calculations	
Gestation Pastures - Existing	1				Already fenced pastures	
Growing Pastures - Existing	2				Already fenced pastures	
Gestation Pastures - Added to start operations	1					
Number of gestation pastures per growing pastures	3				Verify this ratio	
Growing Pastures - Added to start operations	3				Calculated - Number of growing pastures for each gestation pasture	
Alleys and buffers	15%		percent		Percent of total acres	
Acres for alleys, buffers, and buildings	3.75		acres		Calculated	
Total Pasture Acres	21.25		acres		Calculate	
<b>Land and Building Improvements and Maintenance</b>						
Fencing (enter LF and \$ per LF)		4	\$ per linear feet	-	Enter \$ per Linear Foot and # of LF on the Production & Annual Improvement sheet	
Well	-	10,000	each	-	Cost to install (drill, pump, plumbing, etc.)	
Waterers (Enter number per pasture)	1	400	each	400	Calculated	
Sow huts (Enter number per pasture)	2	250	each	500	Materials only - built with farm labor	
Shade structures (Enter number per pasture)	1	400	each	400	One per pasture, materials only - built with farm labor	
Feeders - Gestation	1	200	each	200		
Feeders - Growers	4	200	each	800		
Other Improvements			units	-		
Building and general maintenance	2%		percent of prior year revenue		Calculated on Income Statement	
<b>Time</b>						
Total plan years	10.0	----	years		Default is 10 years	
<b>Other overhead</b>						
Tractor	-	15,000	each	-	Cost to acquire	
Pickup	-	20,000	each	-	Cost to acquire	
4-wheeler	1.0	10,000	each	10,000	Cost to acquire	
Trailer	-	4,000	each	-	Cost to acquire	
Other Equipment (tractor implements, etc.)	-	5,000	each	-	Cost to acquire	
Operating loan			\$\$\$		Are you taking out a loan for operating costs	
Animal handling (chutes, etc.)	1.0	1,000	\$	1,000	Cost to acquire	
Other improvements			\$	-	Cost to acquire	
<b>Production</b>						

Percent of Pastures in Use	80%		each		Pastures need to be rotated to allow time to rejuvenate - need to consider new pastures and how then effect rotation in early years
Gilts per gestation pasture	6	300	each	1,800	Starting Number
Gilts per boar	12				
Number of Boars	1	500	each	500	Starting Number
Breeding stock replacement	33%	400	\$ each		Number of breeding stock replace per year
Litters per year	2.0		each	-	
Piglets per litter	7		each	-	After attritation rate (only surviving piglets)
Months to sale or harvest for meat	5.4		months	-	
Months to sale or harvest as 'weaned'	1.5		months	-	
Months to sale or harvest for breeding stock	7		months	-	
Harvest Weight	225 ----		pounds		
Carcass yield	55% ----				used to caclulate pounds of harvested meet on Production sheet
<b>Operating Costs</b>					
Feed per Animal (Breeding Stock)	6.0	0.1850	pounds per day		See Income Statement for Totals - adjust price accordingly if producing food
Feed per Pig (harvested for meat)	6.0	0.1850	pounds per day		See Income Statement for Totals
Feed per weaned piglet	1.0	0.1850	pounds per day		See Income Statement for Totals
Feed supplements	0.5	0.1850	pounds per day		See Income Statement for Totals
Vaccines and medicines	2.5	0.1850	\$/animal		See Income Statement for Totals
Bedding	0.9	5	cu. ft. / sow		See Income Statement for Totals
Other (user discretion)					Operator can add an annual amount
Other (user discretion)					Operator can add an annual amount
<b>Services</b>					
Vet		15	each		See Income Statement for Totals (average cost per animal)
Slaughter		150	each		See Income Statement for Totals
<b>Labor</b>					
Production	150	15	Hours	2,250	General animal husbandry (feeding, breeding, replacing bedding, etc.)
Maintenance	150	15	Hours	2,250	Building, land, fences, waterers and/or equipment
Facilities Improvement	100	15	Hours	1,500	Building new fences, improving buildings, etc.
Sales & marketing	300	15	Hours	4,500	Generating new customers, filling orders, manning farmers market, etc
<b>Revenue</b>					
Meat		5.00	\$/pounds	-	See Income Statement for Revenue for Meat Sales
Weaned piglets		50.00	\$/piglet	-	See Income Statement for Revenue
Culled Breeding Stock		3.00	\$/pounds	750	See Income Statement for Revenue
Culled Breeding Stock - estimated weight		250.00			estimated weight of culled breeding stock
<b>Overhead</b>					
Depreciation - Land	----		years		Calculated as a percent based on number of years
Depreciation - Facilities	----		years		
Depreciation - Equipment	----		years		
Other Overhead	5.50%		%		% of annual revenue
Marketing	3.00%		%		% of annual revenue
Interest rate for loans			%		assuming the same rate for all loans
Accounts Recievable					Assumed not significant
Accounts Payable	15.00%		%		Estimated as a percent of Total Operating Costs

	Initial	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	
<b>Annual Improvements and Additions</b>												
Gestation Pastures Added		-	1	-	1	-	1	-	-	-	-	
Gestation Pastures (Total)	2	2	3	3	4	4	5	5	5	5	5	
Number of growing pastures (calc as ratio of gestation pastures)	5	5	8	8	11	11	14	14	14	14	14	
Acres - gestation pastures	2.0	2.0	3.0	3.0	4.0	4.0	5.0	5.0	5.0	5.0	5.0	
Acres - growing pastures	6.7	6.7	10.6	10.6	14.6	14.6	18.6	18.6	18.6	18.6	18.6	
LF of Fencing Added (gestation and growing pastures)		1,000										
Gestation Pastures in Use¥¥¥	2	2	2	2	3	3	4	4	4	4	4	
Acres - Total	8.7	8.7	13.6	13.6	18.6	18.6	23.6	23.6	23.6	23.6	23.6	
Fences (\$ * linear feet added)¥	\$ -	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Waterers (1 per pasture)	\$ 2,800	\$ -	\$ 1,600	\$ -	\$ 1,600	\$ -	\$ 1,600	\$ -	\$ -	\$ -	\$ -	
Sow Huts	\$ 1,000	\$ -	\$ 2,000	\$ -	\$ 2,000	\$ -	\$ 2,000	\$ -	\$ -	\$ -	\$ -	
Shade Structures	\$ 2,800	\$ -	\$ 1,600	\$ -	\$ 1,600	\$ -	\$ 1,600	\$ -	\$ -	\$ -	\$ -	
Feeders	\$ 4,400	\$ -	\$ 2,600	\$ -	\$ 2,600	\$ -	\$ 2,600	\$ -	\$ -	\$ -	\$ -	
Other land improvements												
Buildings												
<b>Total Land and Building Improvements</b>	\$ 11,000	\$ 4,000	\$ 7,800	\$ -	\$ 7,800	\$ -	\$ 7,800	\$ -	\$ -	\$ -	\$ -	
Tractor (number added)		0										
Tractor Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Pickup (number added)		0					1					
Pickup cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ -	
4-wheeler (number added)		0		1								
4-wheeler cost	\$ -	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Trailer (number added)		0			1		0					
Trailer (cost)	\$ -	\$ -	\$ -	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Equipment (number added)												
Other Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Total Equipment Additions</b>	\$ -	\$ -	\$ -	\$ 14,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ -	
<b>Production Data</b>												
Number of Gilts	6	6	12	12	18	18	24	24	24	24	24	
Number of Boars	1	1	1	1	2	2	2	2	2	2	2	
Piglets¥¥		84	168	168	252	252	336	336	336	336	336	
New Breeding Stock (Additional pastures)		0	6	0	7	0	6	0	0	0	0	
Replacement Breeding Stock		2	4	4	7	7	9	9	9	9	9	
Piglets sold as weaned		0			10		45					
Piglets harvested for meat		84	162	158	245	252	285	336	336	336	336	
% increase in production (used as escalator for labor requirements)			100%	0%	50%	0%	33%	0%	0%	0%	0%	
<b>Sources of Revenue</b>												
Cull sows and boars		2	4	4	7	7	9	9	9	9	9	
Weaned piglets		-	-	10	-	-	45	-	-	-	-	
Pounds of meat sold		10,395	20,048	19,553	30,319	31,185	35,269	41,580	41,580	41,580	41,580	

¥¥ Assumes pasture additions completed by year end and production begins start of following year

¥¥¥ Calculated using percent less number of new pastures and same proportion of Gestation and Growing Pastures

	Initial
<b>Cash Position from Cash Flow Statement</b>	<b>\$ 22,000</b>
Invested Capital	5,000
Number of payments per year	1
Land and Building Loan(s)¥	
<b>L &amp; B Loan 1 (loan amount in year taken)</b>	
Outstanding principal at year end	15,000
Interest Rate	5%
Term (Years)	30
Interest Expense Paid	
Prinicpal Amount Paid	
Total Annual Payment	
<b>L &amp; B Loan 2 (loan amount in year taken)</b>	
Outstanding principal at year end	1,000
Interest Rate	5%
Term (Years)	10
Interest Expense	
Prinicpal Amount	
Total interest expense for L&B loans	
Total principal payments for L&B loans	
Total Outstanding Land Loans	<u><u>\$ 16,000</u></u>
Equipment and Vehichle Loan(s)	
<b>Equipment Loan 1</b>	4,000
Interest Rate	5%
Term (Years)	5
Interest Expense	
Prinicpal Amount	
Total Annual Payment	
<b>Equipment Loan 2</b>	2,000
Interest Rate	5%
Term (Years)	5
Interest Expense	
Prinicpal Amount	
Total Annual Payment	
Total Interest expense	
Principal payments	

Total Outstanding Equipment Loans

\$ 6,000

Operating Loan(s)

**All operating loans are 1 year term with 1 pymt per year**

**Operating Loan**

Interest Rate

Term (Years)

Interest Expense Paid

Prinicpal Amount Paid

Total Annual Payment

**Operating Loan 2**

Interest Rate

Term (Years)

Interest Expense Paid

Prinicpal Amount Paid

Total Annual Payment

Total Interest Expense

Prinicpal payments

Total Outstanding Operating Loans

\$ -

Enter Loan amount in year that loan is taken out

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
\$	18,178	\$ 29,543	\$ 28,382	\$ 51,591	\$ 73,646	\$ 98,269

	5,000		-			
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	14,774	14,537	14,288	14,027	13,752	13,464
	5%	5%	5%	5%	5%	5%
	\$750	\$739	\$727	\$714	\$701	\$688
	\$226	\$237	\$249	\$261	\$274	\$288
	\$976	\$976	\$976	\$976	\$976	\$976

	920	837	749	657	561	459
	5%	5%	5%	5%	5%	5%
	50.00	46.02	41.85	37.47	32.87	28.03
	\$79.50	\$83.48	\$87.65	\$92.04	\$96.64	\$101.47
	\$129.50	\$129.50	\$129.50	\$129.50	\$129.50	\$129.50

	800	785	769	752	734	716
	305	321	337	353	371	390

\$	15,695	\$ 15,374	\$ 15,038	\$ 14,684	\$ 14,313	\$ 13,924
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	3,076	2,152	1,228	304		
	5%	5%	5%	5%		
	200	154	108	61		
	724	770	816	862		
	924	924	924	924		
	1,538	1,076	614	152		
	5%	5%	5%	5%		
	100	77	54	31		
	362	385	408	431		
	462	462	462	462		

	300	231	161	92	-	-
	1,086	1,155	1,224	1,294	-	-

\$	4,614	\$	3,228	\$	1,842	\$	457	\$	-	\$	-
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10,000				5,000							
5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
1	1	1	1	1	1	1	1	1	1	1	1
500	-	-	-	250	-	-	-	-	-	-	-
10,000	-	-	-	5,000	-	-	-	-	-	-	-
10,500	-	-	-	5,250	-	-	-	-	-	-	-

-					6,000						
5%											
1	1	1	1	1	1	1	1	1	1	1	1
-	-	-	-	-	-	-	-	-	-	-	-
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$0.00	\$0.00	\$6,000.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$0.00	\$0.00	\$6,000.00	\$0.00	\$0.00

500	-	-	-	250	6,000	-	-	-	-	-	-
10,000	-	-	-	5,000	6,000	-	-	-	-	-	-

\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
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	Year 7	Year 8	Year 9	Year 10
\$	120,570	\$ 159,818	\$ 199,067	\$ 238,315

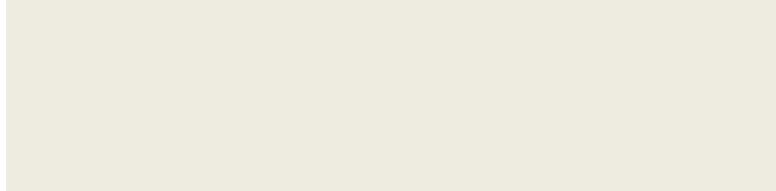
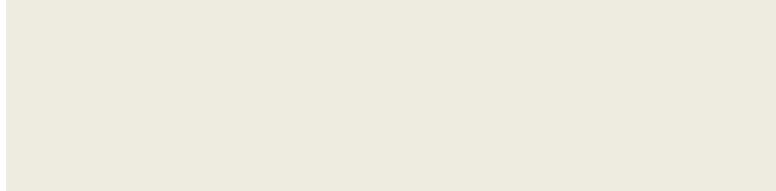


	13,162	12,844	12,511	12,160
	5%	5%	5%	5%
	\$673	\$658	\$642	\$626
	\$303	\$318	\$334	\$350
	\$976	\$976	\$976	\$976

	353	241	123	0
	5%	5%	5%	5%
	22.96	17.63	12.04	6.17
	\$106.54	\$111.87	\$117.46	\$123.34
	\$129.50	\$129.50	\$129.50	\$129.50

	696	676	654	632
	409	430	451	474

\$	13,514	\$ 13,085	\$ 12,634	\$ 12,160
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	-	-	-	-
	-	-	-	-



\$	-	\$	-	\$	-	\$	-
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5%	5%	5%	5%
1	1	1	1
-	-	-	-
-	-	-	-
-	-	-	-

1	1	1	1
-	-	-	-
\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00

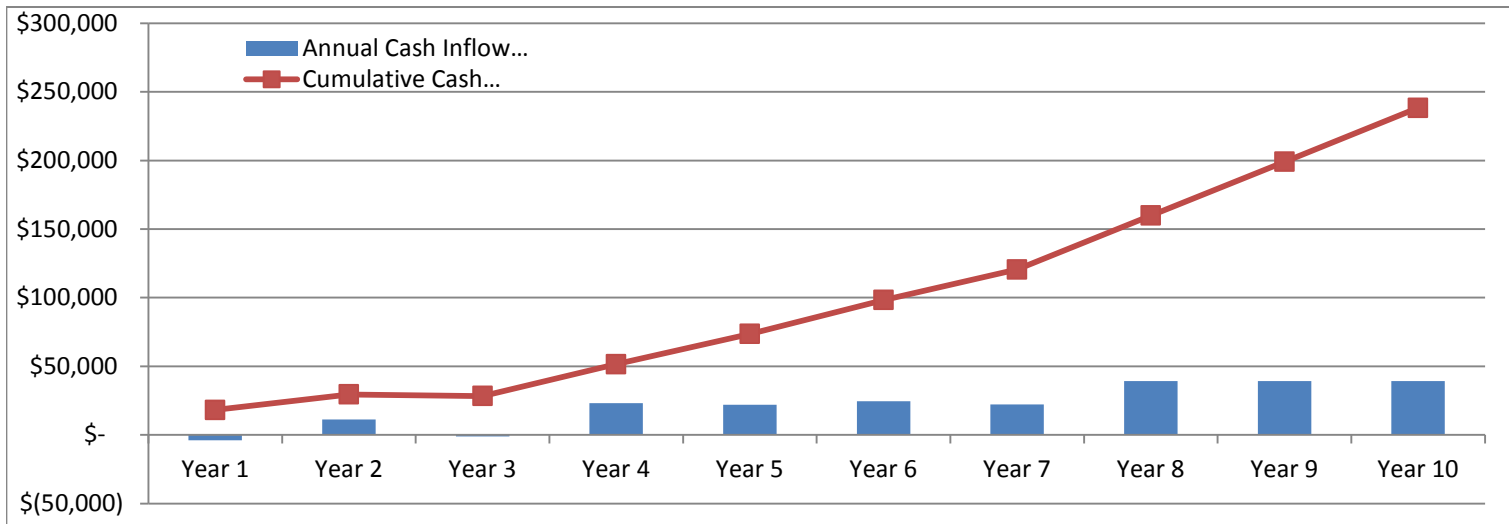
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\$	-	\$	-	\$	-	\$	-
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	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
<b>Revenue</b>										
Meat	51,975	100,238	97,763	151,594	155,925	176,344	207,900	207,900	207,900	207,900
Weaned piglets	-	-	500	-	-	2,250	-	-	-	-
Culled Breeding Stock	1,500	3,000	3,000	5,250	5,250	6,750	6,750	6,750	6,750	6,750
<b>Total Revenue</b>	<b>53,475</b>	<b>103,238</b>	<b>101,263</b>	<b>156,844</b>	<b>161,175</b>	<b>185,344</b>	<b>214,650</b>	<b>214,650</b>	<b>214,650</b>	<b>214,650</b>
<b>Operating Costs</b>										
Feed - Piglets	-	-	83	-	-	375	-	-	-	-
Feed - Breeding Stock	1,632	3,030	3,030	4,662	4,662	6,061	6,061	6,061	6,061	6,061
Feed - Meat Production	15,105	29,131	28,412	44,056	45,315	51,249	60,420	60,420	60,420	60,420
Vaccines, etc.	210	420	420	630	630	840	840	840	840	840
Services	13,965	27,015	26,415	40,830	41,880	48,180	55,830	55,830	55,830	55,830
Labor - Production	2,250	4,500	4,500	6,750	6,750	9,000	9,000	9,000	9,000	9,000
Bedding	27	54	54	81	81	108	108	108	108	108
Other (user discretion)										
Other (user discretion)										
<b>Total Operating Costs</b>	<b>33,189</b>	<b>64,150</b>	<b>62,914</b>	<b>97,009</b>	<b>99,318</b>	<b>115,812</b>	<b>132,258</b>	<b>132,258</b>	<b>132,258</b>	<b>132,258</b>
<b>Overhead Costs</b>										
Labor - facilities	1,500	3,000	3,000	4,500	4,500	6,000	6,000	6,000	6,000	6,000
Labor - maintenance	2,250	4,500	4,500	6,750	6,750	9,000	9,000	9,000	9,000	9,000
Labor - marketing	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
Maintenance - facilities, equip, etc.		1,070	2,065	2,025	3,137	3,224	3,707	4,293	4,293	4,293
Amoritization										
Interest	1,600	1,015	930	1,094	6,734	716	696	676	654	632
General Overhead (insurance, etc.)	2,941	5,678	5,569	8,626	8,865	10,194	11,806	11,806	11,806	11,806
Marketing	1,604	3,097	3,038	4,705	4,835	5,560	6,440	6,440	6,440	6,440
<b>Total Overhead Costs</b>	<b>14,395</b>	<b>22,860</b>	<b>23,602</b>	<b>32,201</b>	<b>39,321</b>	<b>39,193</b>	<b>42,148</b>	<b>42,714</b>	<b>42,692</b>	<b>42,670</b>
<b>Total Expenses</b>	<b>47,584</b>	<b>87,010</b>	<b>86,516</b>	<b>129,210</b>	<b>138,639</b>	<b>155,005</b>	<b>174,406</b>	<b>174,972</b>	<b>174,951</b>	<b>174,928</b>
<b>Net Income</b>	<b>\$ 5,891</b>	<b>\$ 16,227</b>	<b>\$ 14,746</b>	<b>\$ 27,634</b>	<b>\$ 22,536</b>	<b>\$ 30,338</b>	<b>\$ 40,244</b>	<b>\$ 39,678</b>	<b>\$ 39,699</b>	<b>\$ 39,722</b>



	Initial Balances	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
<b>Cash Flows from Operating Activities</b>											
Net Income		5,891	16,227	14,746	27,634	22,536	30,338	40,244	39,678	39,699	39,722
Adj. to NI to net cash provided by Operating Activities											
Accum. Depn.		-	-	-	-	-	-	-	-	-	-
Accounts Receivable		-	-	-	-	-	-	-	-	-	-
Accounts Payable	-	4,978	4,644	(185)	5,114	346	2,474	2,467	-	-	-
Total Adjustments		\$ 4,978	\$ 4,644	\$ (185)	\$ 5,114	\$ 346	\$ 2,474	\$ 2,467	\$ -	\$ -	\$ -
Net Cash Provided by Operations		\$ 10,869	\$ 20,871	\$ 14,561	\$ 32,748	\$ 22,883	\$ 32,813	\$ 42,711	\$ 39,678	\$ 39,699	\$ 39,722
<b>Cash Flow from Investing Activities</b>											
Equipment & upgrades		-	-	(14,000)	-	-	-	(20,000)	-	-	-
Buildings and Land	-	(18,000)	(7,800)	-	(7,800)	-	(7,800)	-	-	-	-
Net Cash Used in Investing Activities		\$ (18,000)	\$ (7,800)	\$ (14,000)	\$ (7,800)	\$ -	\$ (7,800)	\$ (20,000)	\$ -	\$ -	\$ -
<b>Cash Flows from Financing Activities</b>											
Notes Payable	22,000	(1,691)	(1,706)	(1,722)	(1,739)	(828)	(390)	(409)	(430)	(451)	(474)
Common Stock	-	5,000	-	-	-	-	-	-	-	-	-
Net Cash from Financing Activities	\$ 22,000	\$ 3,309	\$ (1,706)	\$ (1,722)	\$ (1,739)	\$ (828)	\$ (390)	\$ (409)	\$ (430)	\$ (451)	\$ (474)
Net Increase (Decrease) in Cash	\$ 22,000	\$ (3,822)	\$ 11,365	\$ (1,162)	\$ 23,209	\$ 22,055	\$ 24,623	\$ 22,301	\$ 39,248	\$ 39,248	\$ 39,248
<b>Summary</b>											
Cash Balance at Beginning of Period		\$ 22,000	\$ 18,178	\$ 29,543	\$ 28,382	\$ 51,591	\$ 73,646	\$ 98,269	\$ 120,570	\$ 159,818	\$ 199,067
Cash Balance at End of Period	\$ 22,000	\$ 18,178	\$ 29,543	\$ 28,382	\$ 51,591	\$ 73,646	\$ 98,269	\$ 120,570	\$ 159,818	\$ 199,067	\$ 238,315



Profit per piglet

Year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Number of piglets	84	168	168	252	252	336	336	336	336	336
Net Income	\$ 5,891	\$ 16,227	\$ 14,746	\$ 27,634	\$ 22,536	\$ 30,338	\$ 40,244	\$ 39,678	\$ 39,699	\$ 39,722
Income/piglet	\$ 70	\$ 97	\$ 88	\$ 110	\$ 89	\$ 90	\$ 120	\$ 118	\$ 118	\$ 118

