

Adding a New Production Page to Feed Into the ABA Analysis Template:

The ABA analysis template comes with three production pages, Livestock, Crops and Dairy. Sometimes, however, users of the template will be doing an analysis on an operation where the enterprise involved does not fit well into the production pages provided. Examples are the “feather” enterprises (broilers, turkeys, table eggs, hatching eggs, etc.), honey production, the horticulture industry and fruit growing. For those enterprises, trying to fit production into the production pages of the ABA analysis template can be a challenge, and if not done properly, can provide improper results.

There are several ways to deal with this. One, is as mentioned above, to try to make the production and expense information work in the production pages provided. Three other options are as follows:

1. Use an alternate analysis template that gives the results required. One such template is COBRA Green, designed for use in the Greenhouse industry. There might be others as well for greenhouse production, and other enterprises. If using an alternate analysis template, ensure it functions properly. This is the user’s responsibility.
2. Where the alternate template does not do all of the analysis required, use the production pages out of the alternate template, and import or transfer the results from that template into the ABA analysis template.
3. Create specific production pages within the ABA template to accommodate the enterprise you are working with. To do this, you will need to add a blank Excel worksheet as described in the Technical Bulletin #10. You can as well, follow the steps for creating and developing a table as per Technical Bulletin #11. Formulas then need to be inserted into the ABA production pages (Livestock, Crops or Dairy) to draw information as appropriate from your newly created production page into the ABA analysis engine. This will make it possible for the ABA template to process the projected revenue and expense amounts, along with changes in inventory. A full explanation on how to develop these production pages is not provided in this document, as the instruction required would be too complex for this format. As an alternative, this bulletin provides general awareness of this option.

To this point, pages for Broiler and Honey production are known to have been created using this method. A Broiler Page is shown below for illustration.

Broiler Production Plan:		From: 01-Jan-12			to 31-Dec-12								
Livestock Type:	Opening Inventory			Purchases			Death Loss	Sales			Closing Inventory		
	No. Head	Value P.Unit	Total Value	No.	Price	Cost		No. Units	Price Unit	Total Income	No. Units	Price Unit	Total Value
Market Livestock:													
broiler chicks	0	0.00	0	327,439	0.52	170,268	22,921	304,518	3.02	919,888	0	0.00	0
	0	0	0			0				0	0	0	0
-	0	0	0			0				0	0	0	0
-	0	0	0			0				0	0	0	0
0	0	0	0	327,439		0	22,921	304,518		919,888	0		0
Summary of Projected and Historical Information													
Year End Dates:	31-Dec-12	Average	31-Dec-11	31-Dec-10	31-Dec-09								
Livestock Income:	919,888	777,034	898,502	677,105	755,494								
Feed (inc. litter)	316,042	341,499	428,294	320,820	275,384								
Marketing	10,277	7,413	9,541	6,086	6,611								
Purchases	170,268	185,087	210,603	163,614	181,043								
Equipment	38,007	38,007	37,491	36,404	40,127								
Vet & medicine	6,784	1,932	3,857	1,557	383								
Custom work	23,375	23,876	28,517	19,516	23,594								
Farm supplies	8,800	8,800	6,299	10,893	9,209								
Hardware	2,716	2,716	2,890	2,792	2,465								
Ins. license and taxes	14,439	14,439	15,442	14,163	13,713								
Est. non term int. & bank chg	2,464	5,000	5,000	5,000	5,000								
Office	932	932	838	1,021	937								
Professional fees	8,000	3,018	3,072	3,801	2,182								
Rent and prop. taxes	1,785	1,785	1,837	1,777	1,741								
Repairs & maintenance	3,314	3,314	1,360	558	8,025								
Salaries etc. (in living costs)	0	0											
Travel	3,785	3,785	5,585	3,052	2,719								
Utilities	48,000	39,183	57,865	29,953	29,732								
	0	0											
	0	0											
	0	0											
	0	0											
Total Expenses:	658,990	680,788	818,491	621,007	602,865								
Net Income (no inv. adj.):	260,898	96,246	80,011	56,098	152,629								
Calculations:													
Mkt returns per bird:	Market wt	x	Price	=	Ret/bird								
	2.36		1.28		3.0208								
Feed costs per bird:	Feed conversion ratio (kg feed/kg gain)					1.81							
	Consumpt.(kg/bird)		Price (\$/tonne)		\$/bird								
	Starter	0.627			272	0.1733							
	Grower	1.074			238	0.2556							
	Finisher	0.851			229	0.1948							
	Finisher II	1.632			227	0.3705							
	Other												
	Total	4.184				0.9942							
Total feed costs:	birds sold	x factor	x	cost/bird	total feed								
	304,518	1.01		0.9942	305,779								
Vaccination	\$/chick	x	#chicks	=	Total cost								
	0.01		327,439		3,274								
Veterinary	\$/cycle	x	#cycles	=	Total cost								
	540		6.5		3,510								
Catching	\$/bird	x	#birds	=	Total cost								
	0.076		307,563		23,375								
Utilities	\$/month	x	#months	=	Total cost								
	4000		12		48,000								
Litter	\$/bird	x	#birds	=	Total cost								
	0.0337		304,518		10,262								
ACP Levy	\$/kg	x	#kgs	=	Total cost								
	0.0143		718662.48		10,277								