ANALYSIS OF GENERAL FARM CROPS - FORAGES

Student's Name	Name of Crop									
	Α	В	С							
	My Project	FBPA Annual Summary*	Evaluation (Based on comparison of columns A and B)							
	,		Excel.	Good	Fair	Poor				
PRODUCTION AND INCOME										
1. Acres in this project										
2. Total tons of forage produced										
3. Tons of forage per acre (item 2 ÷ item 1)										
4. Total labor and management income for the project (page 12, item C)										
5. Labor and management income per acre (item 4 ÷ item 1)										
6. Labor and management income per ton (item 4 ÷ item 2)						-				
PRODUCTION COSTS										
7. Total costs for the project (page 12, item B)	\$	\$				-				
8. Total costs per acre (item 7 ÷ item 1)	\$	\$								
9. Total costs per ton (item 7 ÷ item 2)	\$	\$								
10. Operating costs for the project (page 9, sum of column 16)	\$	\$								
11. Operating costs per acre (item 10 ÷ item 1)	\$	\$								
12. Operating costs per ton (item 10 ÷ item 2)		\$								
13. Fertilizer costs for the project (page 8, sum of column 6)		\$								
14. Fertilizer costs per acre (item 13 ÷ item 1)		\$								
15. Fertilizer costs per ton (item 13 ÷ item 2)		\$								
16. Overhead costs for the project (page 10, Total Cost column)		\$								
17. Overhead costs per acre (item 16 ÷ item 1)		\$								
18. Overhead costs per ton (item 16 ÷ item 2)		\$								
MARKETING										
MARKETING										
 Average selling or inventory price per ton of forage (total value of forage sold or used at home – from page 11 – plus as increase in inventory of forage – from top of page 7 ÷ item 2) 	<i>ny</i> \$	\$								
ACCURACY CHECK										
Average selling or inventory price per ton (item 19) minus										
Total costs per ton (item 9)	\$*	\$								
Other factors about your project that you wish to analyze:										
21						1				

^{*}Or use other similar sources of data - identify here: _____*Should equal labor and management income per ton (item 6)

ANALYSIS OF GENERAL FARM CROPS - FRUITS, VEGETABLES, ROOT CROPS

Stude	nt's Name	Name of Crop								
		Α	В	С						
		My Project	FBPA Annual Summary*		Evalu lased on o	comparis				
		•	•	Excel.	Good	Fair	Poor			
	PRODUCTION AND INCOME									
1.	Acres in this project									
2.	Total production - circle unit used: tons, cwt., bushels, pounds, dozens (total amount sold or used at home – from top of page 11 – plus amount produced which is still on hand at closing inventory – from top of page 7)									
3.	Production per acre (item 2 ÷ item 1)									
4.	Total labor and management income for the project (page 12, item C)	\$	\$							
5.	Labor and management income per acre (item 4 \div item 1)	\$	\$							
6.	Labor and management income per unit of production circled in item 2 (item 4 ÷ item 2)	\$	\$							
	PRODUCTION COSTS									
7.	Total costs for the project (page 12, item B)	\$	\$				<u> </u>			
8.	Total costs per acre (item 7 ÷ item 1)	\$	\$				<u> </u>			
9.	Total costs per unit of production circled in item 2 (item 7 ÷ item 2)	\$	\$							
10.	Operating costs for the project (page 9, sum of column 16)		\$							
11.	Operating costs per acre (item 10 ÷ item 1)		\$							
12.	Operating costs per unit of production circled in item 2 (item 10 ÷ item 2)									
13.	Fertilizer costs for the project (page 8, sum of column 6)		\$ \$							
	Fertilizer costs per acre (item 13 ÷ item 1)		\$ \$							
	Fertilizer costs per unit of production (item 13 ÷ item 2)	\$								
	Overhead costs for the project (page 10, Total Cost column)	\$ \$	Φ.							
	Overhead costs per acre (item 16 ÷ item 1)	·	\$							
	Overhead costs per unit of production (item 16 ÷ item 2)		\$							
	. ,	Ψ	Ψ							
	MARKETING									
19.	Average selling or inventory price of production unit of crop (total value of crops sold or used at home – from page 11 plus any increase in inventory of crop – from top of page 7 ÷ item 2		\$							
ACC	CURACY CHECK									
	Average selling or inventory price per production unit									
	(item 19) minus Total costs per production unit (item 9)	\$*	\$							
Oth	er factors about your project that you wish to analyze:									
20.										
21.										

^{*}Or use other similar sources of data - identify here: _

^{**}Should equal labor and management income per production unit (item 6)

ANALYSIS OF GENERAL FARM CROPS - GRAIN

Stude	ent's Name	Name of C	rop									
		Α		В	С							
		My Proje		FBPA Annual Summary*	Evaluation (Based on comparison of columns A and B)							
		•			Excel.	Good	Fair	Poor				
	PRODUCTION AND INCOME											
1.	Acres in this project											
2.	a) Total bushels of grain produced (total bushels sold or used at home – from top of page 11 – plus bushels produced which are so on hand at closing inventory – from top of page 7)											
	b) Total tons of straw, stover, or other plant by-product (total tons sold or used at home – from top of page 11 – plus tons produced which are still on hand at closing inventory – from top of page 7)											
3.	Bushels of grain produced per acre (item 2a ÷ item 1)											
4.	Tons of straw or stover produced per acre (item 2b ÷ item	1)										
5.	Total labor and management income for the project			•								
6	(page 12, item C) Labor and management income per acre (item 5 ÷ item 1)			\$								
	Labor and management income per bushel (item 5 ÷ item 2)			\$ \$								
	Labor and management moome per basilor (nom o 1 nom 2	α, φ		Ψ								
	PRODUCTION COSTS											
8.	Total costs for the project (page 12, item B)	\$		\$								
9.	Total costs per acre (item 8 ÷ item 1)	\$		\$								
10.	Total costs per bushel (item 8 ÷ item 2a)	\$		\$								
11.	Operating costs for the project (page 9, sum of column 16)	\$		\$								
12.	Operating costs per acre (item 11 ÷ item 1)	\$		\$								
13.	Operating costs per bushel (item 11 ÷ item 2a)	\$		\$								
14.	Fertilizer costs for the project (page 8, sum of column 6)	\$		\$								
15.	Fertilizer costs per acre (item 14 ÷ item 1)	\$		\$								
16.	Fertilizer costs per bushel (item 14 ÷ item 2a)	\$		\$								
17.	Overhead costs for the project (page 10, Total Cost column)	\$		\$								
18.	Overhead costs per acre (item 17 ÷ item 1)	\$		\$								
19.	Overhead costs per bushel (item 17 ÷ item 2a)	\$		\$								
	MARKETING											
20.	Average selling or inventory price of bushel of grain (total value of grain sold or used at home – from page 11 – plus any increase in inventory of grain – from top of page 7 ÷ item 2a)	, \$		\$								
21.	Average selling or inventory price of ton of straw (total val of straw sold or used at home – from page 11 – plus any increase in inventory of straw – from top of page 7 ÷ by item 2b)	ue \$		\$								
ΔΟ	CURACY CHECK		-									
,100	Average selling or inventory price per bushel (item 20) minus											
	Total costs per bushel (item 10)	\$	**	\$								
Oth	er factors about your project that you wish to analyze:											
22.												
23.												

^{*}Or use other similar sources of data - identify here: ____**Should equal labor and management income per bushel (item 7)

ANALYSIS OF SWINE BREEDING ENTERPRISE

Student's Name		Total F	PMWU's	(number of sows x 1.5)					
	A My	FBPA			Evalu ased on	iation			
		Project	Summary*		Good	Fair	Poor		
	PRODUCTION AND INCOME								
1.	Average number of sows in this project (sow days \div days in the project) (1 sow for 1 day = 1 sow day)								
2.	Number of live pigs farrowed (page 23, total offspring born live)								
3.	Average number of live pigs farrowed per sow (item 2 ÷ item 1)								
4.	Number of pigs raised (page 23, number raised)								
5.	Average number of pigs raised per sow (item 4 ÷ item 1)								
6.	Total pounds of pork produced at days of age (page 23, column k)								
7.	Average pounds of pork produced per sow (item 6 ÷ item 1)								
8.	Labor and management income for the project (page 24, item C)	\$	\$						
9.	Labor and management income per sow (item 8 ÷ item 1)	\$	\$				-		
10.	Labor and management income per pound of pork produced (item 8 \div item 6)	\$	\$						
	PRODUCTION COSTS								
11.	Total costs for the project (page 24, item B)	\$	\$						
	Total costs per sow (item 11 ÷ item 1)		\$						
	Total costs per pound of pork produced (item 11 ÷ item 6)	\$	\$						
	Feed costs for the project (pages 14-17, sum of column 5)	\$	\$						
	Feed costs per sow (item 14 ÷ item 1)	\$	\$						
16.	Feed costs per pound of pork produced (item 14 ÷ item 6)	\$	\$						
	MARKETING								
17.	Average selling price per pound of pork sold (page 22, total value of pigs sold ÷ pounds of pork sold)	\$	\$						
	er factors about your project that you wish to analyze:								
18.									
19.									

^{*}Or use other similar sources of data - identify here:

ANALYSIS OF BEEF BREEDING ENTERPRISE

Student's Name		Total PMWU's						
				(numbe	er of cow	s x 1.2)		
				_				
		A My Project	B FBPA Annual Summary*		Evaluased on	comparis S A and B		
	DD ODLIGHION AND INCOME	·	·	Excel.	Good	Fair	Poor	
	PRODUCTION AND INCOME							
1.	Average number of cows in this project (cow days ÷ days in this project) (1 cow for 1 day = 1 cow day)							
2.	Number of calves born (page 23)					<u> </u>		
3.	Number of calves weaned (page 23)							
4.	Total pounds of beef produced (page 23, column k) (Should agree with formula on back of this page)							
5.	Pounds of beef produced per cow (item 4 ÷ item 1)							
6.	Total labor and management income (page 24, item C)	\$	\$					
7.	Labor and management income per cow (item 6 ÷ item 1)	\$	\$					
8.	Labor and management income per pound of beef produced (item 6 ÷ item 4)	\$	\$					
	PRODUCTION COSTS							
9.	Total costs for the project (page 24, item B)	\$	\$					
10.	Total costs per cow (item 9 ÷ item 1)	\$	\$					
11.	Total costs per pound of beef produced (item 9 ÷ item 4)	\$	\$					
12.	Total feed costs (pages 14-17, sum of column 5)	\$	\$					
13.	Feed costs per cow (item 12 ÷ item 1)	\$	\$					
14.	Feed costs per pound of beef produced (item 12 ÷ item 4)	\$	\$					
	MARKETING							
15.	Average selling price per pound of beef sold							
	(page 22, total value of beef sold ÷ total pounds of beef sold)	\$	\$					
	er factors about your project that you wish to analyze:							
16.								
17.								

^{*}Or use other similar sources of data - identify here:

Formula for Item 4

Weight of animals produced (closing inventory, page 12) **plus** weight of market animals sold or used at home (top of page 22) **minus** weight of purchased animals for resale (page 18)

ANALYSIS OF DAIRY ENTERPRISE

	Student's Name	Total PMWU's									
				(number of cows x 6)							
		Α	В		C	;					
		My Project	FBPA Annual Summary*	(Dacoa cir companiosii							
				Excel.	Good	Fair	Poor				
	PRODUCTION AND INCOME										
1.	Average number of cows in this project (cow days \div days in this project) (1 cow for 1 day = 1 cow day)										
2.	Total pounds of milk produced (page 21, sum of Amount column for all milk produced)										
3.	Total pounds of butterfat produced (% butterfat x item 2)										
4.	Total pounds of protein produced - if percent protein information is available (% protein x item 2)										
5.	Average pounds of milk per cow (item 2 ÷ item 1)					<u></u>					
6.	Average pounds of butterfat per cow (item 3 ÷ item 1)										
7.	Average pounds of protein per cow (item 4 ÷ item 1)					<u> </u>					
8.	Total labor and management income (page 24, item C)	\$	\$			<u> </u>					
9.	Labor and management income per cow (item 8 ÷ item 1)	\$	\$			<u> </u>					
10.	Labor and management income per 100 pounds of milk										
	(item 8 ÷ item 2 x 100)	\$	\$								
	PRODUCTION COSTS										
11.	Total costs for the enterprise (page 24, item B)	\$	\$								
12.	Total costs per cow (item 11 ÷ item 1)	\$	\$			<u> </u>					
13.	Total costs per 100 pounds of milk produced										
	(item 11 ÷ item 2 x 100)	\$	\$								
	Total feed costs (pages 14-17, sum of column 5)	\$	\$								
	Feed costs per cow (item 14 ÷ item 1)	\$	\$								
16.	Feed costs per 100 pounds of milk produced (item 14 ÷ item 2 x 100)	\$	\$								
	(Ren 14 · Ren 2 x 100)	Ψ	Ψ								
	MARKETING										
17.	Average selling price per 100 pounds of milk produced (page 21, total value of milk sold or used at home ÷ item 2 x 100)	\$	\$								
	er factors about your project that you wish to analyze:										
18.											
19.											

^{*}Or use other similar sources of data - identify here:

ANALYSIS OF SHEEP BREEDING ENTERPRISE

	Student's Name	Total PMWU's								
				(number of ewes x 0.5)						
		A	В	(======================================						
		My Project	FBPA Annual Summary*							
	PRODUCTION AND INCOME			Excel.	Good	Fair	Poor			
4										
1.	Average number of ewes in this project (ewe days \div days in this project) (1 ewe for 1 day = 1 ewe day)									
2.	Average number of lambs born per ewe (page 23, number born ÷ item 1)									
3.	Average number of lambs raised per ewe (page 23, number raised ÷ item 1)									
4.	Total pounds of lamb produced (page 23, column k) (Should agree with formula on back of this page)									
5.	Pounds of lamb produced per ewe (item 4 ÷ item 1)									
6.	Pounds of wool produced per ewe [(page 13, pounds of wool on closing inventory) plus (page 21, pounds of wool sold)] ÷ item 1									
7.	Total labor and management income (page 24, item C)	\$	\$							
	Labor and management income per ewe (item 7 ÷ item 1)	\$	\$							
9.	Labor and management income per pound of lamb produced									
	(item 7 ÷ item 4)	\$	\$							
	PRODUCTION COSTS									
10.	Total costs for the project (page 24, item B)	\$	\$							
11.	Total costs per ewe (item 10 ÷ item 1)	\$	\$							
12.	Total costs per pound of lamb produced (item 10 ÷ item 4)	\$	\$							
13.	Feed costs for the project (pages 14-17, sum of column 5)	\$	\$							
14.	Feed costs per ewe (item 13 ÷ item 1)	\$	\$							
15.	Feed costs per pound of lamb produced (item 13 ÷ item 4)	\$	\$							
	MARKETING									
16.	Average selling price per pound of lamb marketed (page 22, total value of lambs sold ÷ pounds of lamb sold)	\$	\$							
Oth 17.	er factors about your project that you wish to analyze:									
18.										
٠٠.							1			

^{*}Or use other similar sources of data - identify here:

Formula for Item 4

Weight of animals produced (closing inventory, page 12) **plus** weight of market animals sold or used at home (top of page 22) **minus** weight of purchased animals for resale (page 18)

ANALYSIS OF MARKET LIVESTOCK ENTERPRISE

Stude	nt's Name	Name of Enterp		See note o	n back of	f page)			
PMW	U'S	Α	В	See note o					
(See пове он раск от раде.)		My Project	FBPA Annual Summary*	Evaluation (Based on comparison of columns A and B)					
		110,000	Cummary	Excel.		Fair	Poor		
	PRODUCTION AND INCOME								
1.	Total number of animals fed (page 12, number of animals on closing inventory plus top of page 22, number of market animals sold or used at home.) (Should agree with total number in column f, bottom of page 23.)								
2.	Total pounds of gain produced (page 23, column k) (Should agree with formula on back of this page.)								
3.	Average pounds of gain produced per animal (item 2 ÷ item 1) (Should agree with column I, bottom of page 23.)								
4.	Average pounds of gain produced per animal per day (column m, bottom of page 23) If more than one group of animals the weighted average should be used. (See formula on the back of this page.)								
5.	Returns per \$1.00 of feed fed (page 24, item $A \div total column strom Feed Cost pages 14-17)$	\$	\$						
6.	Pounds of feed per pound of gain (sum of columns 3a, b, c, and d, pages 14-17 ÷ total of column k in Weight Record, page 23)								
7.	Total labor and management income for the project (page 24, item C)	\$	\$						
8.	Labor and management income per animal fed (item 7 ÷ item 1)	\$	\$						
9.	Labor and management income per pound of gain (item 7 ÷ item 2)	\$	\$						
	PRODUCTION COSTS								
10.	Total costs for the project (page 24, item B)	\$	\$						
11.	Total costs per animal fed (item 10 ÷ item 1)	\$	\$						
12.	Total costs per pound of gain (item 10 ÷ item 2)	\$	\$						
13.	Operating costs for the project (page 24, item 2 of Costs)	\$	\$						
	Operating costs per animal (item 13 ÷ item 1)	\$	\$						
15.	Operating costs per pound of gain (item 13 ÷ item 2)		\$						
16.	Feed costs for the project (sum of column 5, pages 14-17)	\$							
17.	Feed costs per animal fed (item 16 ÷ item 1)	\$	\$						
18.	Feed costs per pound of gain (item 16 ÷ item 2)	\$	\$						
19.	Overhead costs for the project (page 24, item 4 of Costs)	\$	\$						
20.	Overhead costs per animal fed (item 19 ÷ item 1)		\$						
21.	Overhead costs per pound of gain (item 19 ÷ item 2)		\$						
	MARKETING								
22									
۷۷.	Average selling price per pound of weight sold (page 22, total value of animals sold ÷ total pounds of animals sold)	\$	\$						
Oth	er factors about your project that you wish to analyze:								
23.									
24.		<u> </u>							

^{*}Or use other similar sources of data - identify here:

Name of Market Livestock

Use most appropriate species or type such as feeder pigs, market lambs, dairy steers, or beef feeder.

PMWU's

Multiply the number of animals fed by the following PMWU figure per animal:

 Feeder pigs
 0.2

 Feeder lambs
 0.1

 Broilers
 0.0015

 Veal calves
 0.15

 Steer (100 days)
 0.2

 Steer (300 days)
 0.6

Formula for Item 2

Weight of animals (closing inventory, page 12) **plus** weight of market animals sold or used at home (top of page 22) **minus** weight of animals in beginning inventory (page 12) **minus** weight of purchased animals for resale (page 18)

Formula for Item 4

Multiply the average gain per animal per day of each group (*column m, page 23*) by the number of animals in each group (*column f, page 23*). **Sum** the products of the multiplication and **divide** by the total animals in all groups (*column f, page 23*).