



NSW DEPARTMENT OF PRIMARY INDUSTRIES

Meat goat gross margin (western areas)

Farm Enterprise Budget Series - July 2006

Flock size: 500 does
 Doe body weight: 45 kgs
 DSE rating: 1.8 dse's / doe

INCOME

				Standard Budget (\$)	Your Budget (\$)
Goat Sales	number	class	\$ /hd		
	88	CFA does	\$35.00	\$3,080.00	
	3	CFA bucks	\$50.00	\$150.00	
	250	weth hoggets	\$40.00	\$10,000.00	
	132	doe hoggets	\$35.00	\$4,620.00	
Fodder	tonnes	type	value per tonne		
Hay	0 t	lucerne hay @	\$0 /t	\$0.00	
Fodder crop grain	0 t	oats @	\$0 /t	\$0.00	
A. Total Income:				\$17,850.00	

VARIABLE COSTS

Replacements	number	class	cost (\$)	reps	
	3	bucks	\$100.00		\$300.00
Goat Health	number	class			
Drenching following DrenchPlan					
Broadspectrum	740	does/hoggets	\$0.25	0	\$0.00
Dipping	740	does/hoggets	\$0.00	1	\$0.00
Vaccination- 6 in 1	740	does/hoggets	\$0.00	0	\$0.00
Marking and tagging	500	kid weaners	\$0.30	1	\$150.00
Scanning	500	does	\$0.00	1	\$0.00
Livestock Selling Costs (assumed sold on farm)					
Livestock cartage	473	sale goats	\$0.00		\$0.00
Commission on goat sales sales			0.00%		\$0.00
Fodder					
Supplementary feed					
Grain	480	Lactating does	\$0.00 /week	0 weeks	\$0.00
Grazing crops	0 ha	@	\$0 /ha		\$0.00
Supplementary fodder	0 t	@	\$0 /t		\$0.00
Pasture maintenance	0 ha	@	\$0 /ha		\$0.00
Other					
Vermin control					
					\$600.00
B. Total Variable Costs:					\$1,050.00

	incl. fodder costs	excl. fodder costs
GROSS MARGIN (A-B)	\$16,800	\$16,800
GROSS MARGIN /DOE	\$33.60	\$33.60
GROSS MARGIN /DSE	\$18.67	\$18.67
GROSS MARGIN /HA	\$9.33	\$9.33

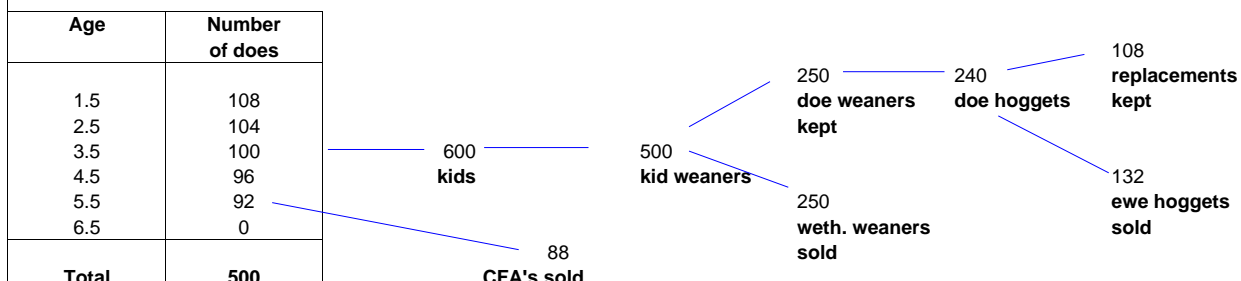
This budget is ONLY A GUIDE and should be altered for movements in goat meat prices and seasonal conditions which will determine the weight and quality of goats for sale.

1. Flock Parameters

Herd mortality	4%	Buck %	2%
Productive life	5 years	Marking %	120%
Doe body weight	45 kg	Weaning %	100%
DSE rating /doe	1.80	Weaning age	3 months
Stocking rate/ha	0.5 dse's		

2. Flock Structure

Goat numbers are modified to reflect mortality throughout the year.



Sensitivity Analysis: Effect of weaning percentage and meat price changes on gross margin inc pasture costs

Weaning % per year	Meat Prices (change %)				
	-40.0%	-20.0%	0.0%	20.0%	40.0%
60%	\$5,304	\$7,402	\$9,500	\$11,598	\$13,696
80%	\$7,482	\$10,316	\$13,150	\$15,984	\$18,818
100%	\$9,660	\$13,230	\$16,800	\$20,370	\$23,940
120%	\$11,838	\$16,144	\$20,450	\$24,756	\$29,062
140%	\$14,016	\$19,058	\$24,100	\$29,142	\$34,184

Notes on Budgets

This budget is for western areas of NSW. Note some people are successfully achieving higher weaning percentages than shown in this budget. Weaning percentage has a large impact on the profitability of the enterprise. High weaning percentages are largely achieved through very good management, especially predator control and management. Goats can have an added advantage of eating herbage that is not selected by other stock and can thus reduce weeds. Good fencing is required to retain goats and in some situations to keep unwanted feral bucks from entering.

There are no freight charges or commission shown in these budgets because a common practice is to sell on farm.

Stocking rates vary considerably in western areas. Scrubby country carrying capacity is considerably lower than indicated here.

Acknowledgement: The assistance of a Peter Schuster, consultant with MLA and a number of farmer contacts have aided in providing the estimates used in these budgets.