



**BEEF CATTLE GROSS MARGIN BUDGET**

**April 2023**

**Enterprise: Coastal weaners improved pasture**

**Enterprise Unit: 100 cows**

<b>INCOME:</b>			<b>Standard Budget</b>	<b>Your Budget</b>
42	steer weaners @	\$1,003.60 /hd	\$42,151	
19	heifers weaners @	\$746.93 /hd	\$14,192	
0.6	CFA Bull @	\$1,892.00 /hd	\$1,135	
7	CFA cows @	\$1,343.75 /hd	\$9,406	
15	Other culls @	\$1,343.75 /hd	\$20,156	
<b>A. Total Income:</b>			<b>\$87,040</b>	
<b>VARIABLE COSTS:</b>				
Replacements	1 Bull @	\$5,000 /hd	\$5,000	
Livestock and vet costs: see section titled beef health costs for det			6	\$4,264
Fodder crops / hay / grain				\$0
Drought feeding costs.				\$0
Pasture maintenance (173 Ha of improved pastures)				\$14,056
Livestock selling cost (see assumptions on next page)				\$6,513
<b>B. Total Variable Costs:</b>			<b>\$29,833</b>	
<b>GROSS MARGIN (A-B)</b>			<b>\$57,208</b>	
<b>GROSS MARGIN/COW</b>			<b>\$572.08</b>	
<b>GROSS MARGIN/DSE*</b>			<b>\$41.39</b>	
<b>GROSS MARGIN/HA</b>			<b>\$330.68</b>	

**Change in gross margin (\$/cow) for change in price &/or the weight of sale stock**

(Note: Table assumes that the price and weight of other stock changes in the same proportion as steers. As an example if steer sale price falls to 346c/kg and steer weight to 240 kg, gross margin would fall to \$421 per cow. This assumes that price and weight of all other sale stock falls by the same percentage.)

Liveweight (kg's) of Stock sold	Steer sale price cents/kg live				
	306	346	386	426	466
<b>Steer wt.</b>					
-40 kgs <b>220</b>	273	358	442	527	611
-20 kgs <b>240</b>	335	421	507	593	679
0 <b>260</b>	397	485	<b>572</b>	660	747
+20 kgs <b>280</b>	459	548	637	726	815
+40 kgs <b>300</b>	521	611	702	793	883

GM \$ per Cow

An increase of 5% in weaning percentage increases gross margin per cow by \$40.05

**Assumptions**

**Coastal weaners improved pasture**

Enterprise unit is 100 cows weighing on average 540 kg

Weaning rate: 84% , conception rate 90%

**Sales**

Steers sold at 8 months	260 kg	@386c/kg	live weight
Heifers sold at 8 months	230 kg	@325c/kg	live weight
23 heifers retained for replacement.			
Cull cows cast for age at 10 years	250 kg	@538c/kg	dressed weight
100% of empty cows culled at weaning	"	"	"
3% cows culled for other reasons	"	"	"
Bulls run at 3% & sold after 5 years use	440 kg	@430c/kg	dressed weight

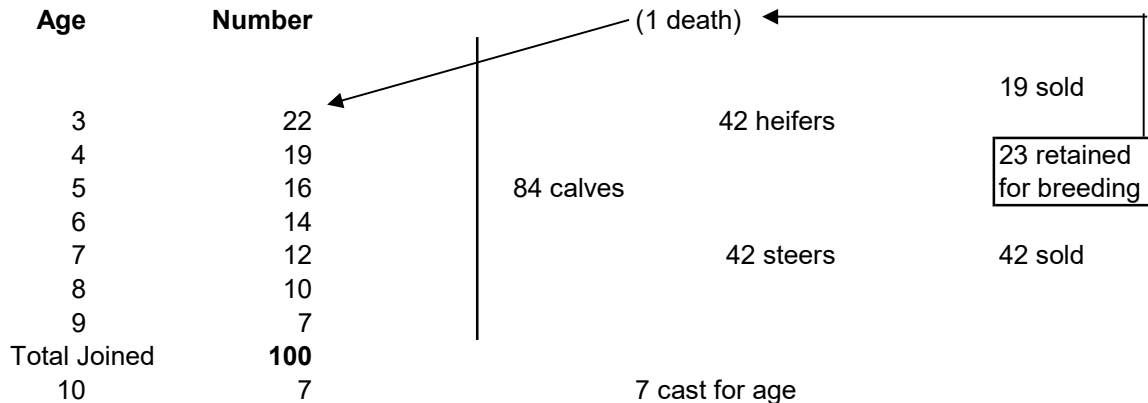
Selling costs include: Commission 4%, yard dues \$8/hd, MLA levy \$5/hd, average freight cost to saleyards \$12/hd, NLIS tag @ \$3.60 for all sale cattle.

Cows: age at first calf : 36 months

Mortality rate of adult stock: 2%

The average feed requirement of a cow + followers is rated at 2.39 LSU or 16.49 dse's\*. This is an average figure and will vary during the year. Note that replacement heifers are assumed joined in the second year and this adds to the dse rating of this enterprise.

**Age structure**



**Marketing Information:**

Mixed sex store weaners sold in Autumn for further backgrounding prior to feedlot entry with some at suitable liveweights for feeder steer/heifer for pasture or grain finishing.

Price for cull heifers varies according to breed.

**Production Information:**

Pasture maintenance cost will vary depending on stage of improvement, pasture degradation, rainfall and soil type.