

DORPER EWES - Dorper Rams
Farm Enterprise Budget Series - Oct 2022 (ave. wool and sheep price 1 Apr to 30 Sep)



Flock size: 1000 ewes
Ewe body weight: 70 kgs
DSE rating: 2.77 DSEs/ewe

					Standard Budget (\$)	Your Budget (\$)	
INCOME							
Wool	number	class	kg /hd	\$/kg			
Shear	0	ewes	0.00	\$0.00	\$0.00		
	0	rams	0.00	\$0.00	\$0.00		
	0	ewe lambs	0.00	\$0.00	\$0.00		
Crutch	0	mixed ages	0.00	\$0.00	\$0.00		
Sheep Sales	number	class	\$/hd				
	177	CFA ewes	\$170.71	(30.8 kg cwt)	\$30,215		
	4	CFA rams	\$165.40		\$662		
8 months	295	weth lambs	\$155.61	(21.0 kg cwt)	\$45,905		
9 months	295	weth lambs	\$170.43	(23.0 kg cwt)	\$50,277		
	349	ewe hoggets	\$210.00	(16 months)	\$73,290		
Fodder	tonnes	type	value per tonne				
Graz/fodder crop	0 t	0	\$0.00		\$0		
A. Total Income:					\$200,349		
VARIABLE COSTS							
	number	class	Cost \$ /hd				
	4	rams	\$1,200.00		\$4,800.00		
Cartage	4	rams	\$55.00		\$220.00		
Wool Harvesting & Selling Costs							
Shearing	0	ewes/hoggets	\$9.01		\$0.00		
	0	rams	\$12.48		\$0.00		
Crutching	0	ewes/hoggets	\$1.76		\$0.00		
	0	rams	\$3.02		\$0.00		
Wool tax			2.00%		\$0.00		
Commission, warehouse, testing charges			\$44.10/ bale		\$0.00		
Wool - cartage	0	bales	\$16.00		\$0.00		
- packs	0	packs	\$14.00		\$0.00		
Sheep Health	number	class	cost (\$)	reps			
Broadspectrum	1020	adults/hoggets	\$1.59	2	\$3,244		
	1210	lambs	\$0.74	3	\$2,686		
Narrowspectrum	1020	adults/hoggets	\$0.44	1	\$449		
	1210	lambs	\$0.20	1	\$242		
Lice control	0	adults/hoggets	\$1.64	1	\$0		
Fly control (long acting)	0	adults/hoggets	\$2.34	0	\$0		
	0	ewe weaners	\$0.50	0	\$0		
Vaccination- 6 in 1	1020	adults/hoggets	\$0.38	1	\$388		
	1210	lambs	\$0.38	2	\$920		
Mark	605	wether lambs	\$2.79	1	\$1,688		
Mark plus OJD	605	ewe lambs	\$6.32	1	\$3,822		
Scanning	1000	ewes	\$0.80	1	\$800		
Livestock Selling Costs							
Livestock cartage	1,120	sale sheep	\$1.50		\$1,680		
Commission on sheep sales			4.50%		\$9,016		
Levies (Yard dues, MLA Transaction levy and LLS rates)					\$3,742		
Pasture maintenance	277 ha	@	\$73 /ha		\$20,138		
Fodder							
		Supplementary feed @ \$330 /t					
Ewe/hoggets	1020	3.9 kg/hd/week	\$0.33 /kg	10 weeks	\$13,228		
Ewe lambs	217	2.8 kg/hd/week	\$0.33 /kg	12 weeks	\$2,406		
Mixed sex lambs	939	5.0 kg/hd/week	\$0.33 /kg	8 weeks	\$12,395		
	Total feed	84,937 kg	@	\$330	\$28,029		
Graz/fodder crop	0 ha	@	\$0 /ha		\$0		
B. Total Variable Costs:					\$81,863		
					excl. fodder	incl. fodder	
GROSS MARGIN (A-B)					\$146,514.52	\$118,485.24	
GROSS MARGIN /EWE					\$146.51	\$118.49	
GROSS MARGIN /DSE					\$52.89	\$42.77	
GROSS MARGIN /HA					\$528.93	\$427.74	

This budget should be used as a GUIDE ONLY and should be changed by the grower to take account of movements in commodity and input prices, changes in seasonal conditions and individual farm characteristics. Estimated prices are GST exclusive.

ASSUMPTIONS DORPER EWES - Dorper Rams

1. Flock Parameters			
Flock mortality	4%	Ram %	2%
Productive life	5 years	Marking %	121%
Ewe body weight	70 kg	Weaning %	118%
DSE rating /ewe	2.77	Weaning age	3 months
Stocking rate/ha	10 dse's	Pasture maintenance = 90kg/ha single super @ \$730t + \$7.00/ha application	

2. Flock Structure		Sheep numbers are modified to reflect mortality throughout the year.			
Age	Number of ewes				
1.5	217				
2.5	208				
3.5	200				
4.5	192				
5.5	184				
6.5	0				
Total	1000				

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    graph LR
      Lambs[1210 lambs] --> Weaners[1180 weaners]
      Weaners --> EweWeanersKept[590 ewe weaners kept]
      Weaners --> WethWeanersSold[590 weth. weaners sold]
      EweWeanersKept --> EweWeanersKept2[566 ewe weaners kept]
      EweWeanersKept --> EweWeanersSold[349 ewe weaners sold]
      EweWeanersKept2 --> Replacements[217 replacements kept]
      
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3. Sensitivity Tables - Changes in Gross Margin \$/DSE (includes fodder)

Export Lamb \$/Hd	Value of Domestic lamb \$/Hd				
	\$77.81	\$116.71	\$155.61	\$194.51	\$233.42
\$85.22	\$26.19	\$30.15	\$34.11	\$38.06	\$42.02
\$127.82	\$30.53	\$34.48	\$38.44	\$42.40	\$46.35
\$170.43	\$34.86	\$38.82	\$42.77	\$46.73	\$50.69
\$213.04	\$39.19	\$43.15	\$47.11	\$51.06	\$55.02
\$255.65	\$43.53	\$47.48	\$51.44	\$55.40	\$59.35

CFA ewes \$/Hd	Value of ewe hoggets \$/Hd				
	\$105.00	\$157.50	\$210.00	\$262.50	\$315.00
\$85.35	\$24.93	\$31.25	\$37.57	\$43.88	\$50.20
\$128.03	\$27.54	\$33.85	\$40.17	\$46.49	\$52.80
\$170.71	\$30.14	\$36.46	\$42.77	\$49.09	\$55.41
\$213.39	\$32.74	\$39.06	\$45.38	\$51.70	\$58.01
\$256.06	\$35.35	\$41.67	\$47.98	\$54.30	\$60.62

Domestic Lmb \$/Hd	Weaning %				
	59%	89%	118%	148%	177%
\$77.81	\$7.11	\$20.98	\$34.86	\$48.81	\$62.75
\$116.71	\$9.10	\$23.95	\$38.82	\$53.75	\$68.69
\$155.61	\$11.08	\$26.91	\$42.77	\$58.70	\$74.63
\$194.51	\$13.07	\$29.88	\$46.73	\$63.65	\$80.57
\$233.42	\$15.05	\$32.84	\$50.69	\$68.60	\$86.52

Export Lamb \$/Hd	Weaning %				
	83%	100%	118%	136%	153%
\$85.22	\$17.68	\$25.90	\$34.11	\$42.32	\$50.60
\$127.82	\$20.73	\$29.58	\$38.44	\$47.30	\$56.24
\$170.43	\$23.77	\$33.27	\$42.77	\$52.28	\$61.88
\$213.04	\$26.81	\$36.96	\$47.11	\$57.26	\$67.52
\$255.65	\$29.85	\$40.64	\$51.44	\$62.24	\$73.16

Note: The above sensitivity tables vary price and quantities by +/- 25% and +/- 50%.

Feed m/sex lamb kg/Hd/wk	Feeding ewes kg/Hd/week				
	1.97 kg	2.95 kg	3.93 kg	4.91 kg	5.90 kg
2.50 kg	\$47.40	\$46.21	\$45.01	\$43.82	\$42.62
3.75 kg	\$46.28	\$45.09	\$43.89	\$42.70	\$41.51
5.00 kg	\$45.16	\$43.97	\$42.77	\$41.58	\$40.39
6.25 kg	\$44.04	\$42.85	\$41.66	\$40.46	\$39.27
7.50 kg	\$42.92	\$41.73	\$40.54	\$39.34	\$38.15

Feed m/sex lamb kg/hd/wk	Grain price \$/Tonne				
	\$165.00	\$247.50	\$330.00	\$412.50	\$495.00
2.5 kg	\$48.95	\$46.98	\$45.01	\$43.04	\$41.07
3.8 kg	\$48.39	\$46.14	\$43.89	\$41.64	\$39.39
5.0 kg	\$47.83	\$45.30	\$42.77	\$40.24	\$37.72
6.3 kg	\$47.27	\$44.47	\$41.66	\$38.85	\$36.04
7.5 kg	\$46.72	\$43.63	\$40.54	\$37.45	\$34.36

Note: The feeding sensitivity tables vary quantities/costs by +/- 25% and +/- 50%.

Sheep prices thanks to MLA market reporting and AuctionsPlus.