

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

INCOME

					Standard Budget (\$)	Your Budget (\$)
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.