

## How to turn a ram cost into a ram profit.


- \* The more lambs a ram produces the **lower the ram cost** of producing each lamb.
- \* If each lamb produced has **top 10% genetics** for growth and carcass traits then, AHDB Signet calculate that these lambs are worth on average **£3.50 per head more**.
- \* When combined this can lead to **£9.00 per ewe, per year improved returns**.

No. of lambs produced in rams lifetime					
Ram Life Years	No. of ewes served per year				
	35	50	75	100	150
1	53	75	113	150	225
2	105	150	225	300	450
3	158	225	338	450	675
4	210	300	450	600	900
5	263	375	563	750	1125

Assume lambing percentage of	150%
Assume rams purchased for	£550
Assume rams sold for	£50
Annual maintenance cost of ram	£75

Unrecorded 'show' rams
 Fit for purpose rams

The table above demonstrates the **importance of ram power and longevity**. Our customers are finding our rams work for **at least 4 years** and can **serve 100 ewes a year**, producing **over 600 lambs** in their lifetime. This compares to a traditionally fed ram which might only last 2 years and only serve 50 ewes per year producing only 150 lambs in its lifetime.

Ram Life Years	Ram cost of producing a lamb					Lifetime Cost of Ram
	No. of ewes served per year					
	35	50	75	100	150	
1	£10.95	£7.67	£5.11	£3.83	£2.56	£575
2	£6.19	£4.33	£2.89	£2.17	£1.44	£650
3	£4.60	£3.22	£2.15	£1.61	£1.07	£725
4	£3.81	£2.67	£1.78	£1.33	£0.89	£800
5	£3.33	£2.33	£1.56	£1.17	£0.78	£875

The table above demonstrates how easy it is to **reduce the ram cost** of producing a lamb by **£3.00 per lamb** with the range in this table going from less than £1 to over £9 per lamb

Net Returns per ewe, per year						
Ram Life Years	Unrecorded Ram		Performance Recorded Ram			
	No. of ewes served per year		No. of ewes served per year			
	35	50	50	75	100	150
1	-£16.43	-£11.50	-£6.25	-£2.42	-£0.50	£1.42
2	-£9.29	-£6.50	-£1.25	£0.92	£2.00	£3.08
3	-£6.90	-£4.83	£0.42	£2.03	£2.83	£3.64
4	-£5.71	-£4.00	£1.25	£2.58	£3.25	£3.92
5	-£5.00	-£3.50	£1.75	£2.92	£3.50	£4.08

When we include the gains from using **Fit for Purpose** more fertile rams, together with the gains from **improved carcass weights and gradings** using **better genetics** (figures taken from AHDB), the **net improvement in returns per ewe, per year** changes from a cost of £6.50 into a return of £3.25 leading to an increase in returns of almost **£10.00 per ewe, per year**. Rather than a ram being just a cost, it becomes a **profitable asset** potentially producing over **£4,000** increased return in its lifetime - **A return on investment of over 800%**.