

Trust Lamlac for consistent, exceptional growth.

Surplus lambs can be reared efficiently away from the dam, independent trials with Lamlac show consistently show daily live weight gain of in excess of **300g per day**.

It's important to appreciate that good husbandry is also important. Good feeder and environmental hygiene are crucial and lamb pens must be draught-free, well drained and bedded to keep lambs as warm and dry as possible. Clean, fresh water also needs to be available along with creep feed offered ad lib to encourage early intake.

Harper Adams University, Newport:2021

Suffolk Mule ewe x Texel surplus lambs were (n=20) fed Lamlac via a thermostatically controlled Volac Ewe2 milk bucket feeder and weighed weekly. Milk was offered at 25°C until lambs were trained. The temperature was then reduced by 2°C every 2 days to 15°C until weaning.

Body weight (kg) from birth to weaning at 5 weeks of age

Age, days	Mean Body Weight(kg)	Body Weight Range (kg)
Birth	4.3	2.7 - 6.1
7	5.9	4.0 - 8.2
14	8.4	5.8 - 11.1
21	11.17	7.9 - 15.0
28	13.6	9.7 - 18.7
35 (weaning)	16.9	11.9 - 23.0

Results:

Growth Rate:

- All lambs weighed at least 10kg at weaning, ranging from 12kg to 23kg, with an average body weight of 16.9kg
- The average daily live weight gain up to weaning was **340g/d (range 230 to 480g/d)**

Reaseheath College, Nantwich: 2021

Surplus lambs out of North country mule ewes were fed Lamlac via a computer-controlled Eco Feeder; these lambs were weighed weekly.

Body weight (kg) from birth to weaning at 5 weeks of age

	Pen 1		Pen 2	
	Mean Body Weight(kg)	Body Weight Range (kg)	Mean Body Weight(kg)	Body Weight Range (kg)
Birth weight, kg	4.4	3.0 - 6.5	4.1	3.0 - 5.8
Body weight at weaning, kg	18.3	10.4-24.3	15.4	11.7 - 20.7
Age at weaning, days	36.5	32 - 39	35.0	29 - 38
DLWG birth to weaning, g/d	383	173 - 522	326	214 - 443

Results:

Growth Rate:

- All lambs weighed at least 10kg at weaning at 35 days of age, ranging from 10kg to 24kg
- Lambs weighed on average 18.3kg (Pen 1) and 15.4kg (Pen 2) at weaning, with an average daily live weight gain (DLWG) up to weaning of **(383g/d (Pen 1) and 326g/d (Pen 2))**.

For further information and more trial results, please visit:

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Volac Lamb Trials (Spring 2020)

Trial Sites:	Site 1 – Harper Adams University (Newport, England)	Site 2 – Commercial unit (Lancashire, England)
Breed	Suffolk Mule ewe x Texel tup	Aberfield/Mule Cross ewes
Number of Lambs	13 lambs fed & weighed	100 lambs fed - 51 lambs weighed
Feeder Type	Ewe2 Feeder	Eco Feeder
Body Weight Measurements	Weekly	Birth, 2 weeks & 5 weeks
Milk Temperature	Started at 25°C – when lambs had learnt to suckle reduced to 20°C for 1 week, then reduced to 15°C through to weaning	Started at 37°C - when lambs had learnt to suckle reduced to 20-22°C through to weaning

Volac Lamb Trials (Spring 2020) - Results

	Site 1 (HAU) n=13 lambs		Site 2 (Commercial unit) n=51 lambs	
	Mean Body Weight(kg)	Body Weight Range (kg)	Mean Body Weight (kg)	Body Weight Range (kg)
Birth	4.4	4.2 - 5.6	4.2	3.0 - 6.0
Week 1	6.3	4.5 - 8.4		
Week 2	8.7	6.8 - 11.7	8.8	6.0 - 12.9
Week 3	11.9	9.5 - 15.5		
Week 4	15.3	11.7 - 19.7		
Week 5 (weaning)	17.8	13.3 - 23.0	15.0	10.4 - 21.6
DLWG birth to weaning (kg/d)	0.38	0.28 - 0.51	0.31	0.21 - 0.46

Results:

Growth Rate:

Lambs on both sites weighed a minimum of 10kg at weaning at 35 days of age, ranging from 10kg to 23kg.

- On site 1 (HAU), lambs weighed on average 17.8kg at weaning, with an average daily live weight gain (DLWG) up to weaning of **380g/d**.
- On site 2 (commercial unit), lambs weighed on average 15.0kg at weaning, with an average DLWG up to weaning of **310g/d**



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